Update Summary

UKG Dimensions® Release 9 Update 4

This document contains summary descriptions of the enhancements for this release and resolved issues.

Legal Statement

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*** = See your local Trust Site for the date on which each update is applied, as these vary by location.**

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UKG Dimensions Release 9 Update 4

Continuing to build on years of Kronos workforce management experience and with the combined power of Ultimate Software, UKG Dimensions Release 9 brings a host of new features and enhancements to our already robust offerings. To familiarize you with the current state of the product, the release documentation is detailed as follows:

- This document is an "Update Summary" and provides information about the latest version of UKG Dimensions: R9 Update 4.
- The previously released Release Notes contain information about the first release of R9.
- Express Upgrades (for example, R9 Update 3, Express Upgrade 5) will be listed in the document of the release to which they apply: either the Release Notes or an Update Summary. Express Upgrades have their own sections in the "Resolved Issues" and "What's New" sections (when applicable).

What’s New?

Note:

- Most UKG Dimensions features are not enabled by default, and need to be enabled (for example, via **F**unction **A**ccess **P**rofiles or **D**ata **A**ccess **P**rofiles). The exception is features that are incorporated within the existing product capabilities (for example, data being added to a Dataview, or API additions/updates).
- New and enhanced API operations are not listed in the What's New Table. However, they are listed in the Important Notes on the Developer Portal, and new API operations are listed in the New API Operations tables below.
- To view a list of Dataview/Report Data Object columns (the labels and descriptions), refer to the Data Dictionary, or search for the entity name in the Column Selection User Interface (UI) in **Application Setup > Display Preferences > Dataview Management**.

New Version of UKG Dimensions Mobile App now available

A new version of the Mobile App client for iOS, version 2.7.3, is now available for download from the Apple App Store and the Google Play Store. This version contains minor bug fixes and enhancements. The Mobile App requires devices to be running at least Android version 6 or iOS version 12. In addition, Version 2.7.3 resolves the following issue:

WFD-167430 - This fix is improving the handling of certain cookies which are used by the load balancer to direct traffic. With this fix, the load balancing will improve, and user will experience better performance during peak backend load times.

Note: This fix does not affect the WFM component of the UKG Pro Mobile App.

UKG Pro Mobile App now available

The UKG Pro Mobile App is now available for download from the Apple App Store and the Google Play Store.

The new UKG Pro Mobile App combines UKG Dimensions, UKG Pro, and UKG Talk into a singular mobile experience, including a new home page, and unified employee pages, manager pages, third-party integrations, and push notifications.

UKG Dimensions customers must meet specific device and system requirements to use the new app. But the UKG Dimensions Mobile App will continue to operate with no changes. In the new UKG Pro Mobile App, the UKG Dimensions component is now called “UKG Pro Workforce Management“ (or UKG Pro WFM).

Administrators will communicate to users when to transition to the new app, but the app is available now.

- Pro WFM device requirements:

To use the UKG Pro Mobile App, the user’s mobile device must be running iOS version 13 or Android version 8 at a minimum.

- Pro WFM system requirements:

To use the UKG Pro WFM component of the UKG Pro Mobile App, the following Feature Switches must be enabled on each tenant:

Administration > Application Setup > System Configuration > Feature Switches…

Enable mobile app

Enable mobile app notification

Release Notes / Update Summaries now available in HTML

The Release Notes / Update Summaries are also available now in HTML format and can be accessed through the online help.

Configure Self-schedule requests to use shift templates now generally available

Previous versions of the Update Summary for R9 Update 4 included a note that incorrectly stated that the feature “Configure Self-schedule requests to use shift templates” (DSCHED-243)” remained released with limited availability. As of R9 Update 4, this feature is now generally available. See the *Configure Self-Schedule Requests* topic in the online help for more information.

Multi-Factor Authentication

Multi-Factor Authentication (MFA) improves account security in that any login to user accounts requires a one-time passcode in addition to the username and password. The one-time passcode (OTP) is required once every seven days for each device, and can be received by email, SMS message, or an app-based token.

- MFA applies only to Basic and not to Federated Authentication.
- MFA is required for manager-role and administrator-role user accounts. You cannot turn it off for these roles.
- MFA is strongly recommended for employee-role user accounts. To enable MFA, select **MFA Required** in People Information for each employee.
- When you import, update, or validate people information, make sure that the registered email address or phone number of the account is included. Otherwise, the one-time password cannot be received by email or SMS. For assistance, contact your UKG representative.

What's new for R9, Update 4 Express Upgrade 8

The feature below was added for R9, Update 4 EU8.

Mobile App

Invitation to the UKG Pro Mobile App (WFD-173153)

After a user logs in to a properly-configured tenant, a popup screen will display, inviting the user to download and install our new app (the UKG Pro Mobile App). This screen will only display on tenants that have the "**Allow notifications in the app**" Feature Switch enabled.

Scheduling

Enhanced Ability to Filter and Sort Skills and Certifications in Staffing Dashboard (DSCHED-385)

The Staffing Dashboard has been enhanced to enable staffing managers to filter and sort skills and certifications to identify the best employees to fill coverage gaps. When the dataview assigned to the Staffing Dashboard includes skills and certifications columns, you now have the ability to filter and sort on those columns.

On the Filter tab in the Refine panel, you can now specify filter criteria for the following ten dataview columns:

- Certification Display Name
- Certification Name
- Certifications Details
- Employee Certifications
- Employee Certifications Display Names
- Employee Skills Display Names
- Employee Skills
- Skill Display Name
- Skills Details
- Skill Name

In addition to the typical filter operators, you also have the option to select the **Expression** operator for the skills and certifications items. Note that this operator is only available if the new feature switch, Expression Filtering Supported in Staffing **Dashboard**, is enabled. When you select the **Expression** operator, you can then click **Add** to display a panel where you can build your filter expression.

> **Note:** This feature is released with limited availability. Contact your UKG representative for more information.

What's new for R9, Update 4 Express Upgrade 7

The feature below was added for R9, Update 4 EU7.

Scheduling

Added flexibility to shift break compliance rules (OD-48)

In previous releases, depending on how schedule rule sets, work rules, and self-service request subtypes were configured, employees could be prevented from seeing some shifts when submitting Open, Swap, Cover, and Self-Schedule self-service requests. This could occur when the break length of those shifts differed from the break length specified in the employee's work rules, even when the request subtype was configured to adjust breaks automatically upon approval.

A new parameter for the **Shifts conform to Break Rules** shift rule, **Break Length Threshold**, allows the system to make eligible those shifts whose break lengths are less than or greater than the break definition specified in the employee's work rules. The **Break Length Threshold** can be useful in organizations in which say, work rules specify different break lengths for full-time and part-time employees, which might limit employees' ability to submit requests for certain shifts.

Configure UKG Pro Workforce Management to ensure break compliance for employee self-service requests

To configure UKG Pro Workforce Management to ensure break compliance for employee self-service requests while allowing flexibility in determining eligible shifts for those requests:

1. In Feature Switch (**Administration > Application Setup > System Configuration > Feature Switch**), set **Enable Break Length Threshold rule parameter** to true.
2. Create a schedule rule set with the shift rule **Shifts conform to Break Rules**: In **Severity**, specify the severity you want to associate with this rule.

   In **Breack Length Threshol**d, specify the amount of time you want a shift's break to be able to differ from the break length specified in the employee's work rule and still be eligible for a self-service request. For example, if you want to allow shifts with breaks that are either 20 minutes longer or shorter than the employee's normal break, you would enter 00:20 (the default format of this field is hh:mm).

   See the "*Configure schedule rule sets*" topic in the online help for more information.
3. Assign the schedule rule set to the employee in the Scheduling section of the employee's People Information record.

   See the Scheduling section in the "*People Information*" topic in the online help for more information.
4. Create a work rule that defines the break length and automated break placement for the employee's shifts and associate that work rule with a pay rule.

   See the "*Work Rules*" topic in the online help for more information.

5. Assign the pay rule to the employee in the Timekeeping section of the employee's People Information record.

   See the Timekeeping section in the "*People Information*" topic in the online help for more information.

6. Configure these settings for the appropriate employee self-service request subtypes (Open, Swap, Cover, and Self-Scheduling):

   a. **Minimum Rule Severity to Validate** – The system uses this value to validate the request for violation of any rules configured in the employee schedule rule set that meet the specified minimum severity.

   b. **Adjust Breaks Automatically** – Determines whether breaks are automatically adjusted when the request is approved:

      - If enabled, the system does not use the **Shifts conform to Break Rules** employee schedule rule to validate the shift. Breaks in the selected shift are automatically adjusted to match the **Automated Break Placement** settings in the employee's work rule.
      - If disabled, the system uses the **Shifts conform to Break Rules** employee schedule rule **Break Length Threshold** parameter to validate the shift. It filters out shifts whose breaks are outside the limits established by the **Break Length Threshold**.

See the "*Configure Request Subtypes*" topic in the online help for more information.

When shifts are evaluated by the schedule rule **Shifts conform to Break Rules**, the system will not filter out from selection shifts whose breaks differ from those specified in the employee's default work rule:

- If the request subtype is set to **Adjust Breaks Automaticall**y, or
- If the break's difference falls within the allowable variation specified by the **Break Length Threshold**.

People Integation

Prevent Labor Categories from being overwritten if not used in Org Level Mapping (SSP-121)

UKG Pro and UKG Pro Workforce Management suite customers can manually populate and manage Labor Categories on a person record directly in Pro WFM if there is no associated Org Level Mapping for this field.

Previously, manually entered Labor Categories in Pro WFM were overwritten with null at the next sync for that person. With this update, the standard people integration will no longer overwrite manually entered Labor Categories. This allows integration customers more flexibility to manage their Labor Categories directly in Pro WFM.

Note the following guidelines:

- Applies to scenarios where users manually enter Labor Category details directly in Pro WFM.
- Valid for JSON and API People integrations. Org Level Mapping is unavailable for CSV users and therefore this functionality is not applicable.
- Supports Primary Labor Categories only.

> **Note:** The functionality is available by default for use with the 11/1/23 Pro to Pro WFM People iPack release for all customers leveraging the People API and JSON integration. No additional configuration is needed.

What's new for R9, Update 4 Express Upgrade 6

The feature below was added for R9, Update 4 EU6.

Scheduling

Schedule Scoring (DSAAS-5)

The new Schedule Score functionality provides managers with the insight they need to make better scheduling decisions. The Schedule Score enables managers to assess the quality of the schedule and represents how well the schedule meets the organization's business needs.

In **Administration > Application Setup > Scheduler Setup > Schedule Score > Schedule Score Definition**, you can configure Schedule Score Definitions that include one or more weighted categories — Coverage and Employee Preference — where each category includes one or more weighted category factors. In the Schedule Planner setup, you can then specify which Schedule Score Definition to associate with the schedule.

In the Schedule Planner, a new *Schedule Score* add-on enables managers to view the Schedule Score, which is calculated based on the selected location and timeframe, and the weighted categories and factors configured in the Schedule Score Definition. A score displays for each day for each category. Totals for each day display at the bottom of each column, and totals for each category and the overall Schedule Score display in the Total column. The overall Schedule Score also displays on the add-on tab.

When managers edit the schedule, it may impact the Schedule Score. An up arrow that displays next to a score indicates that the changes improved the score and a down arrow indicates that the changes reduced the score.

For more information, refer to the following help topics:

- *Administration > Application Setup > Scheduler Setup > Configure Schedule Score Definition*
- *Schedule > Evaluate and maintain the schedule > View the schedule score*

Schedule Audit: Clearly Identify What Changed when Action Type - Shift Change is displayed (DSCHED-30)

The Audit add-on in the Schedule Planner has been enhanced to provide more information regarding when a schedule was posted or unposted.

Two new columns – **Posted** and **Reason** – are now available in the add-on when the Audit Type is set to Schedule.

- The **Posted** column will display a selected checkbox when the job associated to the shift is posted or was previously posted. This item is verified for all types of modifications made to the schedule, including Shift Added.
- The **Reason** column will display one of the following reasons for the modification made to the shift: Add note; Delete note; Update note; Add tag; Delete tag. If multiple modifications are made to a shift, the reasons display in a comma-separated list.

Note: This feature is released with limited availability. Contact your UKG representative for more information.

What's new for R9, Update 4 Express Upgrade 5

The feature below was added for R9, Update 4 EU5.

Gaming 9.5.4

Tip calculator enhancement DIM-571509

Error logging for the tip calculator has been enhanced to include more information and make searching easier.

Integrations Dashboard

People Integration - Re-sync one or more employees in People API UI SSP-104

For UKG Pro and UKG Pro Workforce Management suite customers, the People API Integration Dashboard now includes the ability to run an on-demand re-sync of one or more employees.

The new Re-sync employee action is available on the Pro Workforce Management Data Sync tab (formerly Pro-Dimensions Data Sync). From the Actions & Resources tile, run a re-sync of up to ten employees (by specifying their Employee IDs) or a full re-sync of all employees.

> **Note:** Note: Valid for People API integration only.

Feature benefits:

- Re-sync a subset of employees on demand without needing to always sync full files from the Integrations tab.
- If an employee is not displayed within the Integration Dashboard (data store), enter their Employee ID to re-sync them and populate their details.
- Changes made to UKG Pro employee data are not synchronized until the next overnight file run. If you need to see the changes before this, run an on-demand re-sync of the full employee population.

> **Note:** Note: The functionality is available with Integrations Dashboard 10/12/23 release for all clients leveraging the People API.

What's new for R9, Update 4

This section contains the new Features, new Feature Switches, and the new APIs for this release.

New Features

The features below were added for R9, Update 4.

Activities

Net Change API – Activity Segments with Real Stops ACT-192

For Start/Stop and Start Only Activities scenarios, Net Change API will no longer send activity segments that have been stopped by projected timekeeping punches. A new flag, “finishedSegments” has been added to enable functionality when set to ‘true’. It will default to ‘false’ so that no existing customers integrations will be impacted.

Idle Time Fixed Percent Allocations ACT-121

Previous releases allowed users to track work against different funding sources (for example, grants) by using different activities to represent those individual funding sources. Idle time and paycodes did not have this capability since both used a single fixed activity.

You can now optionally split idle time across multiple activities based on configurable fixed percentages. You can also split paycode edit time across multiple selected activities based on the proportional amounts each activity was worked within the pay period. If there are no configured relevant worked activities in the period, the idle time configuration is used.

Sign-Off Preparation - Activities Support ACT-181

This release introduces a new timecard state -- Sign-Off Preparation -- which can be optionally enabled in Timekeeping by the payroll administrator or equivalent user. When used, Sign-off Preparation state follows the pre-existing timecard lockout period that prevents employees from editing timecards during manager review. During Sign-off Preparation, both employees and managers are prevented from editing timecards, allowing payroll administrators to finalize timecards and prepare payroll data.

The existing Signoff and new Sign-Off Preparation states are seamless, with the new state mimicing traditional sign-off behaviors: Both states present identical messaging to users; Users whose privileges allow sign-off cannot sign-off timecards in the Sign-Off Preparation state unless they have Sign-Off Preparation access. For more information, see TKEEP-444 - Sign-Off Preparation.

Activities split for 9/80 to align with Compressed Work Week TKEEP-727

Administrators now have the ability to create Activities dataviews that are 9/80 aware to automatically split Activity Totals across the work week divide when 9/80 has been enabled in Timekeeping.

Authentication

Multi-Factor Authentication (MFA) AUTH-73, DAUTH-73

Multi-Factor Authentication (MFA) requires that any login to user accounts requires a one-time passcode in addition to the username and password. The one-time passcode (OTP) is required once every seven days for each device. The one-time password can be received by email, SMS, or an app-based token. The email and SMS message go to the registered email address or phone number of the account.

MFA is enabled by default.
- To allow a manager or administrator to override this setting, select "MFA required" in the *Function Access Profile - Manager - Common Setup*.
- To enable MFA, select "MFA Required" in People Information for each employee.

Dimensions Analytics

Metrics and KPIs available by default DIAN-27

Standard Metrics and KPIs are available by default when Analytics is licensed.

Device Management

Show Time Off Request Status and list of approvers DM-197

The Request Time-Off Smart View includes a new option named "Time Off Request Status." Users can specify a range of dates to review a summary list of the requests in the date range. The summary includes the requested date(s), the corresponding paycode and hours or symbolic amount and the status of each request (Submitted, Approved, Pending, Refused, Cancelled.) Optionally, users may click an information icon next to the request to view the approval history, including:

- A list of managers who have responded to the request, ordered by the most recent response. (Note: The approval history only includes managers who have responded. This is the same as the UKG Pro WFM version of Request Time-Off.)
- Each row includes the name of the manager, the timestamp of the response and the approval status. (Note: The status workflow comes from the web server and behaves the same as the UKG Pro WFM version of Request Time-Off.)
- If the employee cancels the request, the first row of the approval history shows the employee's name, the timestamp of the cancellation and the status "Cancelled."

Here are additional details:

- If the request was submitted from UKG Pro WFM and includes more than one time span such as 3/09/2023-3/10/2023 and 3/13/2023-3/14/2023, the request status can be viewed at the device.
- The information icon does not display next to requests that are set up with the Auto-Approval sub-type nor for requests that have not been acted upon by a manager.

The new option is supported by the InTouch DX G2, InTouch DX, InTouch 9100 and InTouch 9000 and does not require a device firmware update.

Attestation for Missed Punches in the past DM-198

Currently, if an Attestation profile is assigned to an employee, the employee can perform Attestation on missed punches in UKG Pro WFM. With this release, if an Attestation profile is assigned to an employee who is assigned to a device, the employee can select the Show My Timecard Smart View to perform Attestation on missed punches at devices.

In UKG Pro WFM, configuring Attestation for missed punches involves setting up Manual Time Entry (MTE) Workflows in the Attestation profile and this is also true for setting up Attestation on missed punches at devices. Depending on the Attestation profile and Attestation conditions, the MTE workflow may present questions such as “Did you take your meal today?” or perform calculations to verify certain conditions were met. Note: The only time a device will run an MTE workflow is when an employee is entering missed punches.

A high level example of an employee entering a missed punch in the past with attestation is described below.

An employee selects the Show My Timecard Smart View to review their timecard. The system identifies a missed out-punch for Wednesday. Depending on how the attestation conditions are configured, the device may present a sequence such as:

- The device prompts the employee to add the missed punch and the employee responds by entering the date and time.
- The device displays a list of buttons from the employee’s attestation profile and the employee selects the button they would have selected for the punch. For example, the employee selects “Clock Out.”
- The device displays a review of the punch date and time and the button “Clock Out,” and the employee confirms the information is correct.
- The device displays the name of the MTE workflow that will be launched and prompts the employee to continue.
- When the employee responds, the MTE workflow runs and presents an attestation question such as “Did you take your meal?” If the employee responds “Yes,” the device displays a summary of the missed punch information and the employee can select “Done” to respond.

This new feature is supported by the InTouch DX G2, InTouch DX, InTouch 9100 and InTouch 9000 and does not require a device firmware update. The gold data Manual Time Entry Workflows are listed below:

- AttestationPaycode for Manual Time Entry
- Cancel Specified Meal Break for Manual Time Entry
- Complex Meal Form for Manual Time Entry
- Complex Meal Form with Paycode for Manual Time Entry
- Meal Lockout Form for Manual Time Entry
- Simple Question Form for Manual Time Entry

For details about Manual Time Entry Workflows, refer to the following help topic: *Administration > Application Setup > Attestation > Attestation Models*. This topic describes all models, including the MTE workflow.

Mass Delete Biometric Templates DM-262

The UDM > Manage Imports > Biometric Templates workspace includes a Delete tab that allows deleting some or all biometric templates from the server. When the deletion is complete, you can download a Results file that summarizes how many employees were affected and the total number of deleted templates. The file includes details for each employee such as the Employee ID, Consent Status, Enrollment Date, and other biometric information from the People record.

The biometric data cannot be recovered once it is deleted from the server. Also, the deletion does not remove biometric data from devices; to delete data from devices, the device must be updated or initialized.

The following options are available for deleting biometric templates.

Template Type. Select at least one of the following template types:

- Touch ID (Finger). This option includes Touch ID finger scan templates.
- Touch ID (Finger). This option includes s Touch ID Plus finger scan templates
- Touch ID IDs (Face) . This option includes s Touch IDFree ID face scan templates.

Consent Status. Select at least one of the following consent statuses:

- This status includes employees who provided biometric consent after enrollment.
- Not Available. This status includes employees who were allowed by bypass consent, or for whom the consent feature was unavailable at the time of their biometric enrollment.

Example: An organization wants to delete all biometric templates that do not have the employee's accepted consent. In this scenario, the Administrator would select all three template types (Touch ID (Finger), Touch ID Plus (Finger) and Touch ID ID (Face) and the consent status Not Available.

For procedures on how to delete biometric templates, refer to the following help topic: *Administration > Devices > Manage Imports > Manage Biometric Templates*.

A function access control point named Delete Biometric Templates controls whether the Delete tab is available. By default, the access control point is Disallowed.

Enforce Consent During Biometric Enrollment DM-402

Previously, when employees enrolled biometric finger scans and face scans at clocks, biometric consent was an optional setting and the property was off by default. With this release, the feature switch UDM Property `tnt.feature.switch.bioconsent.required` is set to **True** and it cannot be turned off. Additionally, in the **device profile > Cards and Readers > Biometric** tab, the *Enable Biometric Consent* check box is enabled and dimmed under the Finger Scan Biometrics and Face Biometrics sections. This means that employees who are performing new biometric face scan or finger scan enrollments at clocks will be required to provide biometric consent. We will not make any exceptions to adjusting the feature switch or the Enable Biometric Consent options.

Here are other related details:

- To begin gathering consent for new biometric enrollments, clocks must be initialized. To do this from the UDM Device Dashboard, select **Actions > Initialize Device**, click the check box for **Device configuration** and then click **OK**. If a clock is already configured to gather consent, you don't need to do anything.
- If the employee provides their consent, their response is recorded in the person record and the enrollment proceeds. If the employee declines, their response is recorded in the person record and the enrollment does not continue.
- When an employee is terminated, their consent status changes to "Not Available." The history cannot be accessed through the application at this time but customers can request and obtain the history from UKG.

Scheduling

New Employee Preferences request subtype

The new Employee Preferences request subtype allows employees to express preferred shift location, job, and general work preferences. This provides employees with more control over their desired work schedule and simplifies scheduling tasks for managers. This feature is controlled by the EmployeePreferences feature switch, which is on by default.

The system uses employee preferences to sort shifts that are displayed to the employee when they make shift swap, open shift, and self-scheduling requests: shifts that match their preferences are identified and listed before those that do not. Employee preferences are also used by the Schedule Generation tool when building schedules, and they can be displayed to managers on the Employee Preferences add-on on the Current Schedule page.

The features that have been introduced in this release to support employee preferences are described in this section. Refer to the following feature descriptions in this section.

- DSCHED-510
- DSCHED-604
- DSCHED-584
- DSCHED-605
- DSCHED-606

8-Day Schedule View DSCHED-26

Managers now have the ability to prepare and post schedules for schedule periods that have been extended by one day. This enables organizations to adhere to employee contracts mandating that employees are aware of their entire upcoming weekend schedule when a new schedule is posted.

To use this feature, administrators can configure extended schedule periods. In the Schedule Period setup, they can select the new **Extend end date by one day in Schedule Planner** setting to include the first day of the following schedule period as part of the currently loaded schedule. This setting only impacts the Schedule Planner, and adds one day to the schedule period when symbolic timeframes are used.

A new Scheduling ACP called **Allow rerunning schedule engine on first day of extended schedule period** controls manager access to a new option in the Generate Schedule slider in the Schedule Planner. This new option enables managers to specify whether to include or exclude the Start Date of the currently loaded period when the schedule is generated.

In the Schedule Planner, the extra day is displayed at the end of the schedule in all views and the extra day is included in the data for all add-ons.

Note: This feature is released with limited availability. Contact your support representative for more information.

Note: This feature is not enabled by default. Customers who want to use this feature must enable the feature switch **Extend Schedule Period in Schedule Planner** in Application Setup > System Configuration > Feature Switch.

For more information, see the following help topics:

- *Administration > Application Setup > Scheduler Setup > Configure Schedule Periods*.
- *Schedule > Create and organize employee schedules > Generate Schedules*.

Schedule Tag GDAP DSCHED-341

Schedule tags provide additional information about a shift segment or a cell in the Schedule. Some tags are associated with Work Rules and can only be assigned by certain managers. To maintain compliance and avoid erroneous Schedule entries which can result in employees being overpaid or underpaid, administrators can now control which schedule tags can be manipulated by a manager.

On the Generic Data Access Profiles (GDAP) setup page, a new Setup Category was added called **Scheduler Setup**. When you select this category, you can use the new corresponding Setup Item called **Tag Definitions**. In the Available list, administrators can select which of the available tags that managers with the assigned GDAP will have access to.

- All tags that are available to the administrator display in the Available list. Tags shown with a "*" indicate that a work rule is associated to it. Tags shown at the end of the list with "()" have been deleted from the tag list.
- When a new schedule tag is created, it automatically displays in the Available list. The administrator must move the new schedule tag to the Selected list for it to be accessed by managers.

Note: For backwards compatibility, the **Full Access** option is selected by default for GDAP configurations that existed prior to R9 Update 4. When the **Full Access** option is cleared, all available tags are displayed in the Available list to allow the administrator to select the ones to give access to.

For more information, see the following help topics:

- *Administration > Application Setup > Access Profiles > Generic Data Access Profiles*
- *Schedule > Modify the schedule > Use Tags*

Schedule Change Notification from Staffing Dashboard DSCHED-349

The Staffing Dashboard has been enhanced to enable you to configure how employees are notified when changes are made to the posted schedule. This functionality is the same as how it currently works in the Schedule Planner.

Note: This feature is not enabled by default. Customers who want to use this feature must enable the feature switch **Schedule Change Notification from Staffing Dashboard** in Application Setup > System Configuration > Feature Switch.

Administrators can configure the Staffing Dashboard setup with the new Notify employees of changes to posted schedule option. From this option, they can specify one of the following notification options:

- **Automatic**: Notifications are automatically sent out when the schedule is saved
- **No action**: Managers can use the Notify Employees option on the Tools menu when they want to send out notifications
- **Prompt at save**: When the schedule is saved, the system prompts the manager to either Save and Notify or to Save and Do Not Notify employees

Employees receive Schedule Change Notifications in the Control Center under System Messages.

Managers can also use the new **Tools > Notify Employees** option on the toolbar to notify employees at any time, regardless of how notifications have been configured.

For more information, see the *Administration > Application Setup > Staffing > Configure Staffing Dashboards* help topic.

Favorite Views in the Staffing Dashboard DSCHED-410

The Staffing Dashboard has been enhanced to enable you to effectively see key staffing elements at a glance by providing the ability to save one or more of your configured views. When you modify your dashboard configuration by rearranging the unit panels and by using settings (sort and filter, show/hide, employee pool visibility, and Compact View /Extended View), you can use the new Saved Views option on the toolbar to save your settings with a name and description. Once the view is saved, it is persisted when you navigate between the Summary view and Detail view, when you navigate away from and back to the Staffing Dashboard, and when you log off and log back in to subsequent sessions.

Note: This feature is not enabled by default. Customers who want to use this feature must enable the feature switch **Persist Staffing Dashboard View Settings** in Application Setup > System Configuration > Feature Switch.

With this enhancement, you can create and save a maximum of 20 views, which can be selected and reused in your Staffing Dashboard. From the Saved Views option on the toolbar, you can manage (create, edit, update, and delete) saved views. Saved views are personal and cannot be shared with others. You can select from the list of your saved views, using the new View drop-down menu, to immediately display a view in the Staffing Dashboard.

Note: If there are setup items that changed since the view was saved, the system will do the best fit by applying as many saved configurations as possible.

Note: This functionality is not supported on mobile phones.

For more information, see the Schedule > Evaluate and maintain the schedule > Manage staffing with the Staffing Dashboard help topic.

Employees can specify location and job preferences DSCHED-510

Employees submit their location and job preferences directly in their profile (Main Menu > Edit Profile > Location and Job Preferences). They can submit preferences for up to three locations and three jobs. The set of available locations and jobs displayed to the employee is determined by the employee's job transfer set (JTS) (or, for multiple assignment employees, the JTS associated with the selected assignment).

Once approved, shifts that meet the employee’s stated preferences are first among shifts displayed for open shift and self-schedule with open shifts requests. Banners indicate whether the shift matched for both location and job, just location or just job.

For more information, see these topics in the online help:

- *Administration > Application Setup> Employee Self-Service > Configure Employee Preferences*
- *Home > Edit your profile and change settings*

New My Schedule page and improved My Schedule tile enhance the employee experience DSCHED-521

The employee self-service (ESS) experience has been greatly enhanced in this release, with changes to the My Schedule tile and a new My Schedule page, which replaces the My Calendar page. The changes reflect a mobile-centric design philosophy that:

- Simplifies the presentation of information to the employee and manager
- Makes it easier to identify scheduled days at a glance and access shift details
- Improves accessibility
- Reduces the number of taps/clicks and amount of scrolling required to perform typical scheduling activities
- Provides a consistent user experience across desktop and mobile devices

Highlights

My Schedule tile: The My Schedule tile presents a streamlined interface with the primary focus highlighting details for the current day, labeled **Today**, with summaries of the following six days. Additional shift and event information is displayed with a single tap, displaying shift details from which the employee can easily initiate common tasks like shift swap and cover requests. Icons have been simplified and can be optionally color-coded to reflect the color configured for the associated job.

My Schedule page: This new feature replaces the My Calendar page with the My Schedule page. The page can be accessed from the employee's main menu (Main Menu > My Information > My Schedule) and from the Go to Schedule button on the My Schedule tile. The My Schedule page has three main areas, from left to right:

- *Simplified calendar*: The calendar now occupies only the left side of the page, instead of taking the entire page, as was the case with My Calendar. The calendar opens with the focus on the current day and displays all the weeks in the month containing that day. Buttons let you quickly scroll through the calendar year, month by month, forward and backward; the Today button returns focus to the current date/month.
Dates on which the employee has an event (a shift or a paycode, for example) are indicated with a simple dot. Clicking/tapping the dot scrolls the adjacent events list to the date you selected.

- *Events list*: The events list now appears in the center of the page, with the events of the current day displayed in detail. Events on other days are summarized with useful information – the shift name and associated icon; the shift start and end time, and duration; the job; and the last three levels of the organization structure. The event is displayed in a lighter shade of the associated job color.
Clicking/tapping a summarized shift displays the Your Shift panel, which identifies the segments in the shift and the shift date; provides buttons to quickly create swap, cover, and time-off requests; and displays avatars of colleagues working that shift (if configured by the manager). A menu on each shift summary also provides quick access to swap, cover, and time-off requests.

- *Schedule Insights*: Schedule Insights is a collection of widgets that provide quick access to information useful to employees when composing requests and managing shifts:

- Who's Working this Week lets the user view the Location Schedule to determine which colleagues are working a given shift
- Accruals displays a summary of accrued sick, personal, and vacation days, and includes a link to the employee's timecard should they want more information.
- Submission Periods shows the employee relevant information about submission periods.

Schedule Insights widgets, if configured, are displayed in a column on the right side of the page. They are displayed by default if the display is wide enough to include them; if not, they can be displayed (and hidden) using the <| and >| buttons on the top of the page. You specify which widgets you want to make available, and their order, on the Calendar Configuration page (Application Setup > Calendar Views Setup > Calendar Configuration).

- Filters: The calendar and events list shows the events configured in Visible Schedule Items section of the Calendar Configuration page. A new Filters button on the My Schedule page lets the employee customize the event types, request types, and event statuses that are displayed.
- Requests button: A new Requests at the top of the My Requests page gives the employee immediate access to time-off, swap, open, self-schedule, cover, and availability change requests.
- New calendar configuration settings: Several new configuration settings enhance the My Schedule user experience:
    - Show job coloring – highlights events in the events list using a lighter shade of the associated job color
    - Show employees working the same shift – displays avatars of employees working the shift on the shift details panel
    - Show worked hours – displays total hours worked for past shifts
    - Show map for shift location – on the shift details panel, displays a link for the shift's location that opens Google Maps

Notes

On by default: The enhancements to the My Schedule tile and the new My Schedule page are on by default; both are controlled by separate feature switches:

- *My Schedule*: Replaces My Calendar with the My Schedule page, which includes a simplified calendar, a streamlined events list, and new, optional, Schedule Insights widgets to support employee self-service tasks.
- *My Schedule Tile Enhancements*: Displays the visually and functionally enhanced My Schedule tile. Note that this setting must be enabled if you have enabled My Schedule.

You can revert to the former ESS experience if you choose.

My Schedule does not support all features for this release:

- Team Absence Heatmap
- Yearly view
- Employee Availability display
- Print My Schedule

Any other features you have currently configured for the calendar are used in My Schedule.

For more information, see these topics in the online help:

Managers:

- Calendar Configuration (Administration > Application Setup> Calendar Views > Calendar Configuration)

Employees:

- My Schedule Tile (Schedule > Employee Self-Service > Employee> My Schedule at a Glance)
- My Schedule (Schedule > Employee Self-Service > Employee> My Schedule)

Synchronize schedule events to personal calendars DSCHED-524

Employees can now synchronize schedule events with the personal calendars on their desktop and mobile devices.

The synchronize schedule feature uses the common Internet Calendaring and Scheduling Core Object Specification (iCalendar) .ICS file format and supports subscriptions to these calendars:

- Apple
- Google
- Outlook

Employees can also use a system-generated URL to manually subscribe to other calendars that use the .ICS format.

Employees can choose information from these categories to synchronize with their personal calendars:

- Shifts — For regular shifts and transfers, the shift label, shift start and end times, and the organization path of first segment are synchronized.
- Absences — Synchronized information varies by type of absence:

    - Approved time-off requests: the request subtype name, start and end time, duration (for each day) are synchronized
    - Non-time-off requests: the paycode name, start and end time, and duration are synchronized
    - Leave time: the case code, start and end time, and duration are synchronized
    - Paid leave time: the "Paid Leave Time" label, and duration are synchronized
- Schedule tags — If schedule tags have been configured for display, the tag name (example: On Call), start and end time, and duration are synchronized.

Synchronization is one-way, from UKG Pro Workforce Management to personal calendars. Personal calendars are updated at the frequency specified when the subscription is configured. Changes made to personal calendars are not reflected in UKG Pro Workforce Management.

The initial synchronization occurs when the subscription is established. The synchronization frequency is determined by the calendar provider and can vary from calendar to calendar. Any events in UKG Pro Workforce Management that have changed (that is, have been added, removed, or modified) since the previous synchronization are updated on subscribed calendars.

This feature is controlled by the ESS Personal Calendar Synchronization feature switch.

For more information, see Synchronize Your Schedule with Personal Calendars (Home > Edit your profile and change settings) in the online help.

Automatic break adjustments supported for additional ESS request subtypes DSCHED-549

The Adjust Breaks Automatically setting introduced for the Time-off request subtype in a previous release has been extended to these Employee Self-Service (ESS) request subtypes:

- Open Shift
- Request to Cover
- Self-Schedule
- Shift Swap

When enabled, this setting allows the system to automatically adjust the number and placement of breaks within shifts of these types when the shift is approved by the manager. Breaks are adjusted based on the work rule assigned to the employee.

See the *Configure Request Subtypes* online help topic for more information.

Schedule - Weekly Report Performance Enhancement DSCHED-557

Enhancements have been made to the Employee Schedule - Weekly report:

- Improvements were made to the performance of the report so that it now runs faster.
- Values shown in the report are now localized to the user.

For more information, see the *Dataviews & reports > Reports > Standard reports > Employee Schedule - Weekly report* help topic.

Staffing Plan By Zone Report Performance Enhancement DSCHED-576

Several enhancements have been made to the Staffing Plan by Zone report:

- Improvements were made to the performance of the report so that it now runs faster.
- Values shown in the report are now localized to the user.
- Blank space at the bottom of the report has been removed so that more report data can now be shown.

For more information, see the *Dataviews & reports > Reports > Standard reports > Staffing Plan by Zone report* help topic.

Daily Schedule Enhancements DSCHED-579

The Daily Schedule has been enhanced to embed data needed by managers who are working in the schedule to help guide them in making key scheduling decisions.

In the Schedule Planner setup, administrators can now configure the Daily Schedule to include any or all of the following data:

- Forecast data, configured using the new Forecasted volume embedded with timescale option
- Peak hours, configured using the new Volume driver for peak hours, Number of daily peak hours, and Number of weekly peak hours options
- Metrics, configured by selected a maximum of 4 metrics indicators

Managers can now access the following data in the Daily Schedule:

- A new Coverage row displays scheduled count/planned count data in both the Site view and the Department view. Managers can select a time interval of 15 minutes or 1 hour using the Show/Hide menu.

- A new embedded forecast row displays the configured volume driver data in both the Site view and the Department view. Managers can select a time interval of 15 minutes or 1 hour using the Show/Hide menu.
- A new Peak Hours row highlights the peak business hours directly in the schedule, in both the Site view and the Department view, based on the configured volume driver. Peak hours are calculated at the site-level based on an hourly timeframe.
- If metrics are configured, a new Show Metrics icon is available on the action bar. When selected, the metrics are displayed below the action bar. Metric values are updated as the manager edits or refreshes the schedule.

For more information, see the following help topics:

- *Administration > Application Setup > Scheduler Setup > Schedule Planner.*
- *Schedule > View the schedule > Daily Schedule*

New "No Save" severity option for Required Skills and Required Certifications rules DSCHED-580

To enable organizations to prevent unqualified employees from being scheduled to shifts for which there are mandatory skills or certifications, a new severity option was added to the required skills and certifications rules in Organizational Schedule Rule Sets.

With this enhancement, administrators can now select the new "No Save" severity option when configuring Required Skills rules and Required Certifications rules. When the "No Save" severity option is set for these rules, managers are prevented from saving any changes in the Schedule Planner or Staffing Dashboard if an employee is assigned to a shift that has a mandatory skill or certification that the employee does not currently hold.

For more information, see the *Administration > Application Setup > Scheduler Setup > Schedule Rule Sets* help topic.

Manager approval of employee preferences requests DSCHED-584

Employee preference requests are subject to the same manager approval rules of other ESS request types. Other enhancements to the system to support employee preferences include:

- The optional display of the Employee Preferences add-on in the Schedule Planner (for more information, see DSCHED-606)
- The Job Attributes table has been updated to include employee preferences information:

- Job Preferences – The system-generated rank associated with the employee's preference (highest rank, 10, is given to a preference that matches both the location and job)
- Employee Choice? – Indicates whether the value displayed in the Job column was specified by the employee (Yes) or was overridden by the manager (No).

See Maintenance > People Information > Timekeeping > Employee Role in the online help for more information.

Depending on how you configure the request type, you can set up the system to notify the employee when the manager overrides an employee's location, job, or work preference. See Administration > Application Setup > Employee Self-Service > Configure Employee Preferences in the online help for more information.

Finally, a set of Employee Preferences custom tags has been added to the system. See *Administration > Application Setup > Event/Notification > Custom tags* in the online help for more information.

Enable managers with view-only schedule access to submit time-off requests DSCHED-591

Managers now can submit and manage time-off requests for employees without edit access to the schedule. This feature might be used by an organization, for example, to allow HR manager to administer leave absences, but restrict their ability to perform other schedule-related tasks like adding shifts.

When enabled and configured, managers with view-only access can submit and manage time-off requests in the Current Schedule from both the Quick Actions menu and from the Current Schedule glance displayed by right-clicking a specific date.

This feature is enabled with the Allow Enter Time Off in Schedule Planner without Schedule Access Edit ACP feature switch.

See these topics in the online help for more information:

- *Administration > Application Setup> Scheduler Setup > Configure Time Off-Only Managers*
- *Configure Time Off Requests*

Support self-scheduling with shift templates DSCHED-594

The ability to configure self-schedule requests to displays shifts to employees based on shift templates was introduced with limited availability in a previous release. It is generally available in this release and the employee experience has been enhanced with several improvements:

- Quick shift selection – Now, when the employee selects a shift template from the **Selected Shifts** drop-down, clicking/tapping a date on the calendar adds that shift to the employee's schedule.

Clicking the same date removes the shift, and clicking a different day adds the shift to that day. In addition, selecting a different shift template from the **Selected Shifts** drop-down adds that shift to any days currently selected in the calendar.

- **Refresh available shifts** - Before submitting a self-schedule request that uses shift templates, employees can use the Refresh button to refresh the list of available shifts. The system validates the current list of shifts to ensure they are available and that they conform to the rules and coverage settings configured by the employee's manager:
    - Shifts that have been selected for submission that are still available remain selected.
    - Shifts that have been selected for submission that are now unavailable display a message and the reason the shift is no longer available. (This occurs when the selected shift violates over-coverage rules or exceed allowed hours, for example.) These shifts are disabled and cannot be selected for submission; they are removed from the list the next time it is refreshed.
    - Shifts that have not been selected for submission that are now unavailable are removed from the list.
    - Shifts that were not previously available are displayed if they satisfy applicable rules and coverage settings.
- **Show common shifts** – The Show Common Shifts check box filters the shifts list to display only those shifts that are common to all the days that have been selected. Selecting a common shift from the shifts list adds that shift to all the days that were selected to form the common shifts group.

For more information, see these topics in the online Help:

- Configure Self-Schedule Requests (Administration > Application Setup> Employee Self-Service > Configure Self-Schedule Requests)
- Request Self-Scheduling from My Schedule (Schedule > Employee Self-Service > Employee> Request Self-Scheduling from My Schedule)
- Request Self-Scheduling from My Calendar (Schedule > Employee Self-Service > Employee> Request Self-Scheduling from My Calendar)

Employees can specify work preferences DSCHED-604

Employees submit their work preferences directly in their profile (Main Menu > Edit Profile > Work Preferences). Work preferences include:

- Minimum / Maximum days per week
- Minimum / Maximum hours per week
- Maximum nights per week
- Maximum number of consecutive days
- Minimum / Maximum hours per shift
- Maximum shifts per day
- Minimum time between shifts

Work preferences are not influenced by an employee’s assignment.

For more information, see these topics in the online help:

- *Administration > Application Setup> Employee Self-Service > Configure Employee Preferences*
- *Home > Edit your profile and change settings*

Dataview and Report Columns for Employee Preferences DSCHED-605

New entities and columns are available to report on employee preferences.

In the Employee Details entity > Employee Preferences category:

- Employee Preferences Selector (String)
- Employee Preferences Selector (Hours)
- Employee Preferences Selector (Number)

In the Job Attributes entity > Job Attributes category:

- Job Attributes Employee Choice Indication

In the Employee Preferences Request entity > Requests category:

- Employee Preferences Request ID
- Employee Preferences Request Creator Full Name
- Employee Preferences Request Creation Date
- Employee Preferences Request Status
- Employee Preferences Request Status Code

- Employee Preferences Request Subtype Name
- Employee Preferences Request Subtype Description
- Employee Preferences Request Subtype Symbol
- Employee Preferences Request Actors
- Employee Preferences Request Manager Comment & Notes
- Employee Preferences Request Employee Comment & Notes
- Employee Requested Preferences Selector (String)
- Employee Requested Preferences Selector (Hours)
- Employee Requested Preferences Selector (Number)
- Current Employee Preferences Selector (String)
- Current Employee Preferences Selector (Number)
- Current Employee Preferences Selector (Hours)

In the Employee Preference Request Status History entity > Requests category:

- Employee Preferences Request ID (Status History)
- Employee Preferences Request Change Date
- Employee Preferences Request Change User
- Employee Preferences Request Changed From
- Employee Preferences Request Changed To

In the Audit Employee Preferences entity > Scheduling category:

- Employee Preferences Audit Revision ID
- Employee Preferences Audit Entity Type
- Employee Preferences Audit Edit Date
- Employee Preferences Audit Edit Type
- Employee Preferences Audit Edited User Name
- Employee Preferences Audit Edited User Full Name

- Employee Preferences Audit Edited User Employee Id
- Employee Preferences Audit Value

Employee Preferences Add-on in Schedule Planner DSCHED-606

The Employee Preferences add-on enables managers to view the preferences — for location, job, and work — that employees have specified on their Edit Profile page and that have been approved by the manager.

Administrators can configure the Schedule Planner to display the Employee Preferences add-on so that managers can view these preferences while they are working in the schedule. Managers can choose to display all preferences for employees, or they can select certain employees or preference types.

For more information, see the following help topics:

- *Administration > Application Setup > Scheduler Setup > Configure Schedule Planner* help topic.
- *Schedule > Evaluate and maintain the schedule > Track employee preferences*

Enhanced Color Coding in the Staffing Dashboard DSCHED-608

The Staffing Dashboard now has the capability to show colors for key staffing elements so that staffing managers can identify these elements at a glance. This enables staffing managers to quickly identify gaps in coverage as well as identify the best employee to fill the gaps.

In the Staffing Dashboard setup, administrators can now configure one or more of the following scheduling entities to show color for:

- Shifts
- Jobs
- Coverage

In the Staffing Dashboard, managers can see the colors as follows:

- Colors displayed for Undercoverage, Overcoverage, and Variance match the colors that have been configured in the Scheduling > Location Settings > Coverage Counting setup. Coverage Counting must be assigned to the correct locations for the colors to display.
- The primary job color for each employee is displayed beneath the employee’s name. This is consistent with the current experience in the Schedule Planner. **Note**: The job colors are determined by what is configured in Business Structure Setup > Jobs and Business Structure. The colors for each job are defined under Manage Jobs. Colors that are specified under Manage Locations take precedence over

the job’s specified color.

- Shifts are displayed with the color of the primary job associated with the shift. This is consistent with the current experience in the Schedule Planner.

Note: To ensure accessibility for all users, we’ve created a set of recommended colors. If you decide to use different colors, consider how the background color will appear when combined with dark text. We recommend using lighter color backgrounds to ensure that all users can easily read the text.

For more information, see the *Administration > Application Setup > Staffing > Configure Staffing Dashboards* help topic.

Volume Counting Options when choosing custom time spans in Staffing Dashboard DSCHED-610

The Staffing Dashboard has been enhanced to enable staffing managers to indicate how they want the Volume values to be calculated. When managers specify an ad-hoc time span where multiple zones or shifts overlap, this enhancement ensures that the Volume is calculated correctly to prevent inaccurate staffing.

In the Show/Hide panel in the Staffing Dashboard, a new Volume Calculation section has been added. Managers can specify their preference for calculating the volume based on the following options: **Default** (average of the selected time period), **Start** (start of the selected time period), or **End** (end of the selected time period).

In addition, text displays beneath the toolbar in both the Summary View and the Detail View to inform the manager about which Volume Calculation Method is currently being used. Note that the text does not display if **Default** is selected.

For more information, see the *Schedule > Evaluate and maintain the schedule > Manage staffing with the Staffing Dashboard* help topic.

Display/Filter Worker Type on Staffing Dashboard DSCHED-611

To enable you to make the best staffing decisions for your organization, you can now configure the Staffing Dashboard to display the Worker Type attribute for employees. The Worker Type can be configured to display in the unit panels and/or the employee pool panel, and can optionally be displayed with color-coding.

> **Note:** Note: This feature is not enabled by default. Customers who want to use this feature must enable the feature switch Display Additional Data in Staffing Dashboard in Application Setup > System Configuration > Feature Switch.

In the Staffing Dashboard setup, administrators can configure the new Unit Panel Additional Data and Employee Pool Additional Data options. For each of these options, you can select the Worker Type Abbreviation data element to be displayed.

Managers can see a new column that shows the Worker Type abbreviation (with color-coding, if configured) in the unit panels and employee pool panel. The column displays to the right of the employee names. For example, if the worker type Full Time is defined with an abbreviation of FT, FT would display for each employee that is defined as a full-time employee.

> **Note:** Note: The Worker Type names, abbreviations, and colors must be defined in the system in order for them to be displayed in the Staffing Dashboard. If you do not want colors to display, set the Worker Type colors to white. For more information, see the Administration > Application Setup > Common Setup > Worker Types help topic.

For more information, see the *Administration > Application Setup > Staffing > Configure Staffing Dashboards* help topic.

Enhancement to Schedule Event Rules setup DSCHED-622

An enhancement was made to the Schedule Event Rules setup to prevent misconfigured rule events.

When configuring Schedule Event Rules with the **Type** setting specified as **Amount of Hours**, the **Schedule Event** drop-down list now only displays schedule events of type **Shift Qualification.**

The other two schedule event types, **Event Qualification** and **Event Day Qualification**, are no longer available for selection because the hours amount is related to the number of hours in the shift. Existing configurations will be honored as long as the administrator does not make changes to the Schedule Event Rule.

For more information, see the *Administration > Application Setup > Scheduler Setup > Configure Schedule Event Rules* help topic.

Engines

Schedule Generation Engine for Small Scopes ENGI-100

The schedule generation engine previously had difficulty providing a good solution when there was a small number of employees to be schedule.

To resolve these issues, the schedule generation engine has been enhanced with a new approach to solving scheduling issues when the number of employees is limited. This solution introduces a new mathematical model that allows improvements to coverage around open and close times, and to avoid undercoverage. This enables managers to better rely on the schedule engine results and to spend less time on manual schedule edits.

To use this feature, administrators can enable the new Schedule Generator system setting `site.scheduling.schedGen.solver.SmallScope`. When set to **True**, the engine automatically applies a strategy dedicated to small scopes if the number of employees being scheduled is less than 30 and the number of jobs is less than 5. If the number of employees is more than 30, the current engine algorithm is applied.

In addition, the following must also be configured:

- Workload must be defined by zone or by forecasting
- Strategy must use shift profiles, not shift templates
- The `site.scheduling.schedGen.solver.EmployeePreferenceHandlingStrategy` setting must be set to Combined Preferences.

In the Schedule Generation Strategy setup, two new settings – **Low Priority Factor** and **High Priority Factor** -- provide more granularity for high/low priority job lists. These new settings divide/multiply the coverage weights for over/under coverage for the low and high priority jobs and help to improve coverage of small intervals of high priority jobs. Accepted values for these settings are between 2 and 10, where 2 is the default.

For more information, see the *Administration > Application Setup > System Configuration > Configure a Schedule Generation Strategy* help topic.

Preserve Transfer Details ENGI-47

The schedule generation engine has been enhanced to re-apply work rule, labor category, and cost center transfers to optimized shifts. Previously, these transfers were lost when the shifts were re-optimized.

To use this feature, administrators can enable the Schedule Generator system setting `site.scheduling.schedGen.solver.TransferDetails.RetainAttributes.`

New behavior for the system setting parameters when the schedule generation engine is run with the option **Optimize shift contents** is as follows:

- None (default)
- First segment: Takes transfer attributes for work rule, labor category, and cost center from the first segment of the original shift and applies them to the first segment of the optimized shifts.
- All segments: Takes transfer attributes for work rule, labor category, and cost center from the first segment of the original shift and applies them to all segments of the optimized shifts.

For more information, see the *Administration > Application Setup > System Configuration > Configure a Schedule Generation Strategy* help topic.

Schedule Event Rules Engine Integration ENGI-50

Schedule Event Rules, introduced in the R8 release, focus on tracking certain types of shifts or events. Event-based schedule rules allow organizations to define restrictions or constraints that govern the amount of work time or the number of recurrences that a specific event, such as night shifts or weekend shifts, can be scheduled over a set period of time. These rules are typically meant to mitigate compliance risk with labor laws and industry regulations or ensure fair scheduling practices.

With the R9 Update 4 release, the Schedule Event Rules have now been fully integrated with the Schedule Generator to ensure full compliance of an employee's assigned schedule.

Administrators can enable or disable the Global Values system setting `global.scheduling.scheduleeventcomputation.enabled`. When set to False (default), the Schedule Events computation used by the rules is disabled. If Schedule Event Rules are configured and assigned, a rule violation warning alerts managers that the Schedule Events calculation is disabled. When set to **True**, Schedule Event Rules are validated.

For more information about Schedule Event Rules, see the following help topics:

- *Administration > Application Setup > Scheduler Setup > Configure Schedule Events*
- *Administration > Application Setup > Scheduler Setup > Configure Schedule Event Rules*

Forecasting

Machine Learning Explorer FCST-148

The Machine Learning Explorr provides a mechanism for users to better understand how each feature of our machine learning forecaster contributed to the final forecast result.

Peak Hours Peak FCST-180

Hours are now calculated in Forecasting which allows users to rely on peak hours to show the times of day a business is expected to be busiest so managers can ensure they are fully staffed during those times.

Forecast Home FCST-27

Forecast Home shows a graphical, read-only view of the Volume forecast data. It shows weekly volume in a bar graph for a single location.

Labor Budget Edits FCST-56

A new enahncement to the Labor Budget edit process allows users to manually edit the labor budget directly in the Forecast Planner, instead of via API. The business logic to distribute the budget to days of the week and to individual jobs will be applied automatically.

Symbolic Periods FCST-68

Symbolic periods have been added to Forecasting to allow easier selection of future forecast weeks in the Forecast Planner and Operational Dashboard.

Healthcare Productivity

Healthcare Targets in Healthcare Productivity KPIs DIM-523430 HCP-99

Administrators can use Healthcare Targets when building Healthcare Productivity KPIs.

Create Custom Healthcare Productivity Targets DIM-503962

In the Targets worksheet of the Installation Kit, rather than select from the preconfigured metrics, you can enter the exact name of any other Healthcare Productivity metric or KPI by adding a METRIC: or KPI: prefix.

The prefix is not case-sensitive, but do not enter a space before or after the colon (:). Examples: METRIC:Overtime Hours, Metric:Overtime Hours, KPI:Daily Productivity % Cost, kpi:Daily Productivity % Cost.

Generic Job Transfers in Healthcare Productivity Payroll Import HCP-57

If employees transfer to departments that do not have an exactly matching job or a generic job in that location, the Healthcare Productivity Payroll Import integration returns exceptions for those records. As a result, the payroll reports do not show the data for the respective work units.

To process these transfers as generic jobs without exceptions, do the following:

Set the `site.healthcareanalytics.payroll.config.default.generic.job` system setting to the name of a generic job that maps to unknown jobs. Example: Default Job.

If the payroll job mapping is updated later to another job, you can move the old records to the newly configured job. Then, recalculate payroll.

Symbolic Time Periods added to Pay Period Productivity reports HEPR-27

Pay-period productivity reports for Healthcare Productivity now can be configured for the following Symbolic Time Periods: Last 2 Pay Periods, Last 3 Pay Periods, and Last 4 Pay Periods.

Drill from Daily Tile to Worked Hours HEPR-31

Managers can drill down from the Daily Productivity Tile to a business structure dataview that shows detailed data about the worked hours of employees at a location for a job.

Troubleshoot Healthcare Productivity Agency Export Integrations HEPR-32

To troubleshoot exceptions when you import agency worker records, the exception file for the Agency Export integration shows the following detailed information about each exception: EMP_NBR, EMP_FULL_NAME, WORK_UNIT_ID, ORG_ID, PAYCODE_ID, HOURS, AMOUNT, PP_START_DATE, PP_END_DATE, HIRE_DATE, TERMINATE_DATE, and EXCEPTION_DETAIL.

In addition, the file now shows WORK_UNIT_NAME, ORG_PATH, and PAYCODE_NAME.

From the Integration Run Details for the Agency Import integration, click Browse and select the Exception_Agency_Export file.

Compare Actual FTEs to Target FTEs HEPR-66

For Healthcare Productivity, you can create custom full-time equivalent (FTE) KPIs that allow you to generate reports that compare Actual FTE against Target FTE values.

Rebranding to UKG Pro Workforce Management HEPR-68

Healthcare Productivity is updated from using the Dimensions name to displaying UKG Pro Workforce Management.

Information Access

Dataviews and Report Data Objects – Column Relationship Rules feature switch DIA-60

In previous releases, when creating a dataview or report data object (RDO) you could disable the Column Relationship Rules option. When this option was disabled, it was possible to create a dataview or RDO with multiple incompatible one to many entities which many times resulted in performance issues.

Now, the Column Relationship Rules option is not available by default when creating a dataview or RDO. If needed, you can enable the Column Relationship Rules checkbox for the appropriate users. To do this:

1. Enable the feature switch “Ability to Disable Column Relationship Rules”. When this is enabled, the function access control point “Ability to Disable Column Relationship Rules” becomes available.

2. Allow the “Ability to Disable Column Relationship Rules” access control point for users that need to disable the Column Relationship Rules option. When this is Allowed, users can see the Column Relationship Rules option when creating a dataview or RDO and disable it.

Existing dataviews or RDOs that have been configured with the Column Relationship Rules option disabled and have more than one 1:many entities are still allowed but you will not be able to add any new 1:many entities to these dataviews.

Note: Even when the Column Relationship Rules option is disabled, you cannot add more than one 1:many entities to a dataview or RDO for the Audit, Audit Schedule, and Timecard Transactions entities. Additional validation now occurs upon save that prevents these types of invalid columns.

For more information, see the following help topics:

Administration > Application Setup > System Configuration > Feature Switch

Administration > Application Setup > Access Profiles > Manager - Common Setup

Dynamic pagination for high volume Dataviews IA-5

For dataviews that have a large volume of data but do not exceed the current pagination limits of 300 locations or 3500 employees, there is a new calculated threshold that, when exceeded, enables dynamic pagination. The threshold is a variable limit that is dependent on the number of columns configured in the dataview. It is calculated using the following equation:

10,000,000/the number of columns in the dataview = the calculated threshold

If the calculated threshold is less than the system setting threshold of 500,000, then the calculated threshold is used as the limit. The limit is rows per page.

Note: There are two or three hidden columns (typically three) added to every dataview. These columns are not seen in the dataview but are included in the column count. If you calculate your dataview's threshold, add two or three to the configured column count.

Dynamic pagination

Dataviews that exceed the calculated threshold open in dynamic pagination mode, which differs from the static pagination mode used for dataviews that exceed the static limits (300 locations or 3500 employees). Dynamic pagination behavior:

- Page count grows as you page through the dataview and the data renders. When you refresh the dataview, the initial page count appears.
- Filters apply across the whole response and the page count adjusts accordingly so there are no blank pages.
- Filters can reduce the response to below the threshold and allow, for example, charts to render.

Note: Rarely, there may be times when both pagination modes occur in a datavew. For example, you have 4,000 employees in the hyperfind and one page of 1,000 employees exceeds the volume limit. If this occurs, the page is split in two dynamically.

For more information, see *Dataviews & reports > Dataviews > Pagination Mode > Dynamic Pagination* in the online help.

On Demand / APD

Hide shift breaks from employees OD-46

You can choose to hide shift breaks in these places where shift segments are displayed to employees:

- My Schedule tile (shift information)
- My Timecard page (shift information in the Schedule column)
- My Calendar page (shift information on the Events and Requests tabs)
- Cover, open, self-schedule, and swap shift requests (shift information)

When you hide breaks from the employee's display, the displayed shift retains its original length, but the end of the first shift segment or the start of the second shift segment is increased by the duration of the break configured for the shift.

This behavior also applies to shifts that are comprised of two transfer segments, each of which has different properties. When the original shift has two regular segments and a break, the resulting shift is displayed as a single regular segment.

You use two settings to hide breaks from the employee's display:

- The Hide Shift Breaks Access Control Profile (ACP). If set to Allowed, shift breaks are hidden from the employee's view wherever shift information is displayed.
- The `global.hiddenBreaks.transferSegmentBehaviour` system setting determines which segment will be extended to account for the break's duration.

Note: These settings do not affect the display of breaks in areas of the application accessible to managers and administrators, such as the Schedule Planner. They affect only the employee's display.

Search functionality added to Shift Template setup OD-8

To enable administrators to locate an existing shift template, a new Search functionality has been added to the Shift Templates configuration in Scheduler Setup.

In the new Search field, you can enter the exact shift template name or a partial name using wildcards, then click Search to display the results. The search is case-insensitive, and supports the wildcards * (to substitute for multiple characters) and ? (to find one or multiple characters).

For more information, see the *Administration > Application Setup > Scheduler Setup > Configure Shift Templates* help topic.

Custom field character limit expanded OD-15

Character limits for custom fields has been expanded from 80 characters to 150 characters.

See the *Custom Field Labels* topic in the online help for more information.

People

Approvals and Reviewer fields now available in the Timekeeping HCM profile template DIP-166

Users can now designate the “Approvals” & “Reviewer” fields in the Timekeeping HCM profile template. This enhances the existing Pro to Dimensions people integration (iPack) so that the application setup screen will include the new fields and the iPack will update the Dimensions employee record based on the data pulled into Dimensions. Valid for CSV, JSON, and API integrations. Added Support for Communications License SSP-10

Users can now populate and include the Communications field in the License HCM profile template. The Communications license enables access to UKG Talk, the communications and collaboration platform.

For more information, refer to *Administration > Application Setup > Integrations Setup > License Profiles* in the online help.

People Information fields now available for reporting SSP-59

A variety of People Information fields are now available within Information Access in the Employee Details (People) entity. Use these fields when creating a dataview or report, including Employee Dataview, Employee Time-Series Dataview, Report Data Objects (RDO), and Report Data Object Time-Series. Fields include:

- Access Method Profile
- Attendance Administrator & Leave Administrator
- Earliest Shift Weight & Longest Shift Weight
- Leave Profile

- Most Hours per Week Weight
- Override Employee Preferences Indicator
- Overriding Personal Rule
- Overtime Approval Level
- Overtime Approve Within (Days)
- Overtime Approver
- Overtime Rule, Effective Date, Overtime Rule Reset Interval
- Preferred Availability Weight
- Preferred Day Off Weight
- Preferred Hours per Week Weight
- Preferred Job Weight
- Preferred Zone and Category
- Schedule Rule Override & Values
- Schedule Rule Override Effective Date & Expiration Date
- Schedule Rule Set Optimization Override & Effective Date

Assigned Currency field now available in the Timekeeping HCM profile template SSP-79

Users can now designate the "Assigned Currency" field in the Timekeeping HCM profile template. This enhances the existing Pro to Dimensions people integration (iPack) so that the application setup screen will include the new field and the iPack will update the Dimensions employee record based on the data pulled into Dimensions. Valid for CSV, JSON, and API integrations.

MFA for Managers SSP-90

Multi-Factor Authentication (MFA) requires managers log in to user accounts with a one-time passcode in addition to the username and password.

People Audit Report enhancements SSP-92

When you run the People Audit report, the following People Information fields are now available for selection:

- Person Access Method Profile
- Person Delegate Profile
- Person Locale Policy
- Person Notification Profile
- Person Paycodes “Edit” Profile

For more information, see the *Dataviews & reports > Reports > Standard reports > People Audit Report* help topic.

Platform

Delete a person record OD-14

You can now delete a person record from a production tenant. When you delete a person record this permanently deletes the employee including all transactional data. It is important to note that this action is not reversible and can disrupt reports and KPIs.

For more information see this topic in the online help, *Maintenance > People Information > Delete a person*.

Import Accrual Cascade Profiles BOLT-19

A new template has been added to the Data Import Tool that imports Accrual Cascade Profiles.

Updates to existing templates in the Data Import Tool BOLT-23

In the Data Import Tool, new fields (WiFi Networks, Validation Order) were added to the Setup - Known Places import template. New columns (Transfer, Work Rule, Cost Center and Labor Categories) were added to the Data Punch - Import template.

Added missing license to People data import template BOLT-24

In the Data Import Tool, the People-Person Load template did not allow users to load the Optimized Scheduling with Forecasting license. The "Scheduling License: Optimized Scheduling with Forecasting license was not available for selection.

Template grid enhancement BOLT-25

In the Template grid of the Data Import Tool,, the red * (asterisk) for the required fields appeared at the end of the field label. The Template grid was enhanced so that the red asterisk appears at the beginning of the field label.

Downloaded template grid enhancement BOLT-26

In the Data Import Tool, the downloaded Template grid now displays an asterisk for required fields.

Processed jobs now display start and end times BOLT-28

For processed jobs in the Data Import Tool, the execution start and end time now appear in new columns.

Unified Authentication Migration Process BOLT-29

The Data Import Tool has been enhanced to leverage a unified authentication migration process.

Improved Template Security BOLT-31

In the Data Import Tool, a separate FAP for Import and Export functionalities respectively has been added to provide more granular control on import and export operations within the Data Import Tool.

New details added to the View Details page BOLT-35

In the Data Import Tool, when a data import is in progress mode, the View Details page now displays a run summary with the following information:

- Records posted/saved
- Records errored
- Records remaining to process
- Records skipped

Functionality and supportability enhancement Build in Production BOLT-42

An enhancement to Build in Production prevents tenants from being reverted to an implementation state in the Tenant Management System after Go Live.

Include - exclude templates based on environment types BOLT-45

In the Data Import Tool, some Setup Import templates are restricted from use in production environments.

Implement Job Queuing for DIT BOLT-60

A new queue process has been added to the Data Import Tool where if the number of import and export jobs exceeds the current guardrails, no jobs will fail. Instead of failing, the jobs are placed into the job queue to be run when the number of jobs has fallen below the maximum limit .

Remove Test Data enhancement TENY-46

The Remove Test Data process has been enhanced to allow for an efficient removal of Setup data (configuration data). Prior to this enhancement, Implementation Consultants were had to manually remove Setup data from the system.

Talk

UKG Talk Design Unification TALK-56

The look and feel of UKG Talk has changed to be more consistent with the full UKG Pro suite.

UKG Talk Console and Mobile:

- **Profile**. The View Profile feature in Talk has been removed. User profile details will be more integrated with the UKG Pro suite.
- **Branding**. The interface now shares most branding themes and colors with the UKG Pro suite.
- **Pinned Posts**. What’s Happening is a new scrollable, interactive carousel view which shows Talk pinned posts.
- **User Directory**. The Users menus and the User Dictionary have been removed. You find users from the Search.

UKG Talk Console:

- **Shortcuts**. New static shortcuts to updates (notifications), chats, and online help have been added to the top right of the interface.
- **Avatar Links.** The following are now available when you click the user avatar, now at the top-right of the interface:
  - **Settings**. From the Settings page, configure Notifications, Display Language, and Inline Translation (when available). All other settings are managed from or synchronized with the UKG Pro suite.
  - **Sign out.**
- **Chat**. Click the chat icon at the top right to open the Chat panel on the right.
- **Create Post.** The method to create a post by clicking the X at the bottom of the page has been replaced with the following two methods:
  - At the top of the feed, click New > Create Post.
  - Under What's Happening, click Start a post.
- **Activity Feed**. The Activity Feed name has been shortened to Feed.

UKG Talk Admin Dashboard > Settings:

The following changes have been made to Talk configuration settings to better align branding themes:

- Admins customize the following Talk interface elements from the Settings page:
  - Logo image
  - The header color
  - The color of text in the header
- The Customize Theme page has been removed.
- The ability to add an image to the Talk banner is no longer supported.

UKG Talk Tasks TALK-66

Throughout the workday, your team may have jobs to perform that are above and beyond typical tasks. These could be unplanned jobs during a single shift or ongoing projects to be completed by the end of the month. For example, a cashier in retail staffs the register but will update a display in between customers. An orderly in healthcare collects wheelchairs in between transporting people.

Talk tasks help coordinate this work, allowing managers and supervisors to create and assign tasks at any time to one or more employees. Tasks are distributed in Talk chat conversations unique to the task creator and those assigned the task. Notifications alert assignees when a new task is assigned.

Tasks can include the following:

- A due date and time. These may be months away or at the end of a day’s shift.
- A checklist of items for assignees to check off.
- Attached files such as images, documents, or videos that can help explain the task.
- Reminders sent a day or an hour before the task is due.

Other features:

- Tasks can be created from scratch, from a saved draft, or from another active task.
- Task creators can require that assignees complete all items in a checklist and attach files that verify the task was properly completed.

For more information, see the Talk online help topic Talk Tasks.

Note: Available for UKG Pro Workforce Management customers as part of the UKG Pro mobile app.

UKG Talk Automated Rule Improvements TALK-72

In the Talk Admin Dashboard, the following changes were made to improve the automated rule creation process:

- If at the time of bulk group creation there are no users matching rule criteria, those groups will not be created.
- More accurate error messaging.
- Group preview limited to ten group names to streamline use.

Timekeeping

Add comments and notes for pending timecard change requests TKEEP-104

When a manager approves or refuses a pending timecard change request, they can now add comments and notes to give employees more details about why the request was approved or refused. Managers can add comments and notes for pending changes from the Control Center (Add Comments button on the toolbar) and from the employee timecard (View Pending > Pending Changes panel).

When comments or notes are added to the request, an entry is added to the Audit (Timecard Change Comment – Add). There is a new column (Comments and Notes) in the Timecard Changes entity for reporting purposes. There is also a new custom tag (Comments and Notes for timecard changes) that can be added to Timecard Request Review notifications.

For more information, see the following help topics:

- *Home > Control Center*
- *Time > Timekeeping > Use the Employee Timecards page > Approve or deny a submitted timecard change (Pending Changes)*

Attestation Templates TKEEP-172

In previous releases, simple changes like correcting a typographical error on an Attestation question or Attestation answer required opening the Attestation model in Workflow Designer, locating the variable associated with the text needing correction, making the change, and then saving and redeploying the model. Now, using Attestation template mappings, these and other similar changes can be achieved quickly and easily.

Attestation template mapping is a tool that allows you to customize and update Attestation workflows without using Workflow Designer to make changes to the underlying Attestation model and, importantly, without needing to redeploy the model to publish your changes. Examples of the types of changes supported by Attestation template mappings include:

- Changing Attestation question and answer text, buttons, conditions, and answer actions
- Implementing support for multiple languages
- Specifying changes to notifications, paycodes, and deduction rules

This functionality was achieved in part by exposing the name/value pairs that define Attestation workflow variables in the Attestation template mappings associated with the newest versions of many Attestation models. This makes workflow variables easy to access, identify, and change, directly through the application.

Default Attestation template mappings are provided for each of these Attestation models starting with this release.

- Attestation Paycode v3
- Geolocation Consent Form v4
- Attestation Paycode for Manual Time Entry v2
- Meal Lockout Form v3
- Cancel Specified Meal Break v2
- Meal Lockout Form for Manual Time Entry v2
- Cancel Specified Meal Break for Manual Time Entry v2
- Missed Punch Redirect v2
- Complex Meal Form v4
- Predictive Scheduling v3
- Complex Meal Form for Manual Time Entry v3
- Simple Question Form v4
- Complex Meal Form with Paycode v3
- Simple Question Form for Manual Time Entry v3
- Complex Meal Paycode for Manual Time Entry v2
- Time Review Redirect v2
- Daily Attestation Form v3
- Timecard Approval Restriction v2
- Fix Missing Punches v3
- Timecard Approve v2

These versions function the same as earlier versions, regardless of whether or not you choose to use Attestation template mapping, but only these versions support Attestation template mapping.

See the *Attestation Template Mappings* topic in the online help for more information.

Sign-Off Preparation TKEEP-444

Sign-off preparation enables users, such as payroll administrators, to temporarily prevent employees and managers from making timecard edits or submitting changes while they are preparing the timecard for sign-off. When sign-off preparation is enabled, the timecard and schedule appear as if they are signed-off to employees and managers, while users with permission to edit during sign-off preparation can review, edit, and prepare for sign-off.

Sign-Off Preparation is supported with the previous pay period.

To enable sign-off preparation:

1. Enable the access control points for the necessary users. In the user’s function access profile, under Manager – Department Manager > Sign-Off Preparation:

- Enable/Disable Sign-Off Preparation – Allows the manager to enable and disable sign-off preparation.
- Edit during Sign-Off Preparation – Allows the manager to make edits during sign-off preparation.

2. Open the Employee Summary or a Dataview. Select the Previous Pay Period, select the necessary employees, and then select Approval > Enable Sign-Off Preparation (or Disable Sign-Off Preparation to disable).

When a manager (with permission to edit during sign-off preparation) signs off the timecard, sign-off preparation is automatically disabled.

Notes:

- When timecards are automatically signed-off, Sign-Off Preparation is not automatically disabled. Sign Off must be performed in the User Interface or via an Integration every pay period.
- When Sign-Off Preparation is enabled, the previous pay period and all time that occurred before the previous pay period until the beginning of time is also unavailable for editing (except for those users that have the “Edit during Sign-Off Preparation” access control point allowed).

There are two new audit types for sign-off preparation, “Sign-Off Preparation-Add” and “Sign-Off Preparation-Delete”. There is a new column, Sign-Off Preparation Indicator, in the Sign Off entity that shows the status of sign-off preparation for the employee.

Sign-off preparation is supported by clocks (devices).

For more information, see the following help topics:

- *Administration > Application Setup > Access Profiles > Manager - Department Manager*
- *Dataviews & reports > Dataviews > Sign-Off Preparation*

People Operations (HRSD) Notifications TKEEP-638

You can now view People Operations notifications in the Control Center. Notifications can be configured to appear in the new People Operations category. If action is required for the notification, a link is included that the employee or manager can select to act on the notification. Notifications include, for example, notifications to managers when employees have uploaded a new document and notifications for signature requirements.

For employees and managers that need to view these notifications, include the People Operations category in their Control Center profile.

For more information see the *Administration > Application Setup > Event/Notification > Control Center Profile* help topic.

Attestation Profiles for managers TKEEP-703

In previous releases, all managers had to have the same Attestation profile. Now you can assign different Attestation profiles to different managers and groups of managers. This allows you to configure manager-specific restrictions, triggers, and sets of questions in manager Attestation workflows to support your business compliance and regulatory needs.

Users can be assigned both employee Attestation profiles and manager Attestation profiles. The Attestation profile in effect during a session is determined by the role (employee or manager) associated with the login credentials.

See these topics in the online help for more information:

- *Attestation Profiles*
- *Timekeeping*
- *People Information*

A new column, manager_role, was added to the assign_attestation_profile entity. See the Data Dictionary for more information.

Timecard accessibility enhancements TKEEP-750

In the timecard List View, several enhancements have been made to make the approval and sign-off status indicators more accessible. Enhancements are available when the “Use Accessible Timecard Status” feature switch is enabled and include:

- Triple-circle (“traffic light”) style display for employee approval, manager approval, and sign-off.
- Higher-contrast between the brown, purple, and gray colors used to indicate employee approval, manager approval, and sign-off.
- Updated Timecard Settings option that includes a partial manager approval indicator in List View for those employees that have multiple timecard approvers. This setting is called “Include Multi Approval Status”.

For more information, see the following help topics:

- *Time > Timekeeping > Use the Employee Timecards page > Approve and sign off timecards*
- *Administration > Application Setup > Display Preferences > Timecard Settings*

Condensed Time Detail Report for multiple assignment employees TKEEP-752

The new Condensed Time Detail – Assignments report displays detailed data about employee punches, duration, and pay code edits by Assignment. Summary data is displayed per employee, totaling time and money by labor category and pay code (excluding combined pay codes).

For users that have this report added to their Reports Profile, they can find and run the report from the Report Library (Main Menu > Dataviews & Reports > Report Library > Run Report > Timekeeping). For more information, refer to Dataviews & Reports > Reports > Standard reports > Timekeeping reports in the online help.

Enhancement to Minutes Worked Attestation condition TKEEP-772

Previously, the system did not accurately calculate minutes worked for actual punches if the shift had a previous system-generated out-punch based on a missed punch round rule. A new attribute for the Minutes Worked Attestation condition, Include Completed Shifts, allows the system to ignore shifts that were marked as completed because of a system-generated out-punch.

See the *Attestation Conditions > Minutes Worked* topic in the online help for more information.

Simplified timekeeping configuration – Work Rule, Combination Rule, and Pay Code Distribution TKEEP-780

Simplified timekeeping configuration can be used to make assigning pay codes to premium pay types easier and offers a way to automatically generate Combination Rules and Pay Code Distributions. Automatic generation of Combination Rules and Pay Code Distribution occurs when you create and save a Work Rule with the new simplified timekeeping configuration options.

The new configuration options include:

- New Pay As options available in the Zones, Overtimes, and Schedule Deviations configurations.
- New Default Pay Code option in the Work Rule configuration.

Note: Support for Rest Between Shifts is planned for a future release.

To use simplified timekeeping configuration:

1. Enable the Simplified Timekeeping Config feature switch.

2. Configure Zones, Overtimes, and Schedule Deviations together with a pay code.

- Add to Default Pay Code
- Replace Only Default Pay Code
- Pay Only this Pay Code

3. Create a Work Rule where you select the default paycode and the necessary Zones, Overtime Rules, and Schedule Deviations.

When you save the Work Rule, a Combination Rule and Paycode Distribution are generated with the same name as the Work Rule. If the name exists for Paycode Distribution or Combo Rule, then add a suffix to the name – like “name 1” (and if name 1 exists then, name 2).

The generated Paycode Distribution is assigned to the Work Rule and the generated Combination Rule is assigned to the Paycode Distribution. You can edit the generated Combination Rule and Work Rule.

For more information, see the *Administration > Application Setup > Pay Policies > Pay Policies setup reference > Simplified Timekeeping Configuration* help topic.

Minimum hours for Shift Guarantees TKEEP-805

For Shift Guarantees you can now enter a minimum number of hours that an employee must work to receive the shift guarantee. For example, in an employee’s Shift Guarantees configuration the guaranteed shift length is 8 hours for Monday and Tuesday, with the minimum number of hours set to 6. The employee is scheduled to work Monday and Tuesday from 8am-1pm.

- On Monday, the employee works their schedule with no breaks. Since they only worked 5 hours, they do not receive the shift guarantee.
- On Tuesday, they stay until 3:45 and take a 1-hour lunch break. For this shift, the total number of hours worked is 6:45 so they receive the shift guarantee of 8 hours.

To configure this, enter a value for the “Minimum worked hours to qualify” option in the Shift Guarantees configuration. The minimum value must be less than the length of the shift guarantee.

For more information, see the *Administration > Application Setup > Pay Policies > Shift Guarantees* help topic.

My Documents and Employee Documents tile enhancements TKEEP-814

The following enhancements are available for the My Documents and Employee Documents tiles.

- Expiring soon icon for employee documents. The icon appears for documents that are expiring within 30 days of the current date.
- Notification for maximum file size. When uploading a file, the maximum file size appears on the upload screen.

For more information, see the *Home > Tile Library* help topic.

New standard button layout on Punch tile TKEEP-839

In the previous release, the button layout on the Punch tile was changed to display available buttons in-line on the tile instead of within a drop-down list. This enhanced the user experience by reducing the number of actions (clicks/taps) required to punch. A feature switch, Use Attestation Buttons on Punch Tile feature switch, allowed the user to revert to the traditional layout. The new in-line button layout is now standard, and the feature switch has been removed from the application.

Data columns for 9/80 work weeks TKEEP-851

The following columns are now available when creating a dataview for 9/80 employees.

- Apply Work Week – Indicates the work week the totals belong to, the first week (1) or the second week (2).
- Work Week Apply Day and Date – Displays the work week apply day of week and the date. The date format uses the short date setting in the user's Locale Policy.

When the Apply Work Week column is added to a dataview and a work week timeframe is selected, you can view the split day totals within the pay period in two separate rows instead of rolled up into one row. You can use these columns to create charts.

For more information, see the *Administration > Application Setup > Pay Policies > Compressed Work Week (9/80)* help topic.

Work History Qualifiers enhancement TKEEP-857

For the Work History Qualifiers building block, the minimum and maximum amounts for the hours types have increased. For the "Minimum number of hours" and the "Maximum number of hours" types, you can now enter up to 9,999:59 hours. The previous value was 999:59.

For more information, see the *Administration > Application Setup > Pay Policies > Work History Qualifiers* help topic.

Wayfinding

UKG Talk shortcut icons WAYH-149

When integrated with UKG Talk, the following functionality is now available in the UKG Pro Workforce Management mobile app and web console.

Shortcut links:

- **Chat**. Tap **Chat** on the bottom navigation menu (on mobile) or click the **Chat** icon (at the top right for web) to open the latest Talk chat conversations.
- **Feed**. Tap **Feed** on the bottom navigation menu (on mobile) or click the **Feed** icon (at the top right for web) to open Talk to the feed view.

This functionality is available in the UKG Pro Workforce Management mobile app and web console. You do not have to be signed in to Talk to see these features.

UKG Talk pinned posts on Home page WAYH-152

When integrated with UKG Talk, the UKG Pro Workforce Management home page/screen now displays What's happening, an interactive carousel that shows Talk pinned posts.

Scroll through this carousel to see your related posts. Select a post to open more details. When you select actions in Ideabox and Survey posts, the related post opens in Talk.

This functionality is available in the UKG Pro Workforce Management mobile app and web console. You do not have to be signed in to Talk to see these features.

WFMaaS

SDM Increase Data Amounts WFMaas-195

For newly created tenants, the maximum file size has been increased from 10 megabytes to 25 megabytes.

Note: This will not affect any existing tenants. If there is a necessity to upgrade an existing tenant's maximum file size limits increased to 25 megabytes, contact your support representative.

In the **Publish Tool** page, after choosing a **Source** and then choosing "Create a File" as the **Target**, a new **Format** drop down menu appears with options publish in zip file format or the newly added 7zip file format.

- Selecting the 7zip file format allows for more data to be compressed into one file.
- The process of zipping the file when selecting zip file format has been optimized to complete the process more quickly.

SDM Create and Import Package Optimization WFMaas-196

Two new buttons have been added to the **Publish Tool** page:

- **Save Selections**: After choosing a **Source** and making the desired selections, clicking **Save Selections** will export your selections to a .csv file.
- **Load Selections**: Clicking **Load Selections** allows users to choose an existing .csv file of selections that were previously saved and import the saved selections directly from the .csv file.

IP Restriction Enforcement Removed WFMAAS-211

IP Restriction Enforcement is no longer available on the Known IP Address setup page. This option is not supported by AuthN and was needed only for OpenAM.

Suite Renaming WFMAAS-215

The flagship product suite is renamed UKG Pro. This name replaces UKG Dimensions in the user interfaces and online help. All integrations are tested and continue to work.

Licensing Framework Update for Healthcare Productivity WFMAAS-232

All labels for "Analytics and Healthcare Analytics" in People Information, dataviews, and Entitlement Summary are updated to "Analytics and Healthcare Productivity". However, the Licensing framework supports both "Healthcare Productivity" and "Healthcare Analytics" names. This enables support for both versions of the name by the People Import Integrations API.

Delegate information exposed in Dataviews WFMAAS-26

You can now use Dataviews and reports to collect, organize, and evaluate delegation information like:

- Who has requested to delegate their manager role
- What profile was associated with the delegation request
- Who received the request
- What time period the request covers

Note that these business process models have been modified to support this feature and must be redeployed if you want to use delegation information in Dataviews and reports:

- Admin Delegation
- Manager Delegation

See the *Deploy Business Process Models* topic in the online help for more information.

Feature Switches

This table lists the feature switches introduced in this version, including the default settings. For more information on their use, refer to feature descriptions using the tracking number.

Headline	Tracking Number	Feature Switch	Default
8-Day Schedule View	DSCHED-26	Extend Schedule Period in Schedule Planner	Off
Schedule Change Notification from Staffing Dashboard	DSCHED-349	Schedule Change Notification from Staffing Dashboard	Off
Favorite Views in the Staffing Dashboard	DSCHED-410	Persist Staffing Dashboard View Settings	Off
Employee Preferences	DSCHED-510	EmployeePreferences	On
My Schedule (new calendar experience)	DSCHED-521	My Schedule	On
My Schedule Tile Enhancements	DSCHED-521	My Schedule Tile Enhancements	On
Sync Calendar	DSCHED-524	ESS Personal Calendar Synchronization	Off
Enter Time Off Dissociate Schedule	TKEEP-703	Allow Enter Time Off in Schedule Planner without Schedule Access Edit ACP	Off
Accessibility improvements for Timecard list View Status	TKEEP-750	Accessibility improvements for Timecard list View Status	Off for existing tenants On for new tenants
CRR Feature Switch: Additional Column Filtering & Validation when Building Dataviews and RDO	DIA-60 DIA-33 DIRE-44	Ability to Disable Column Relationship Rules	Off
Simplify Timekeeping Pay Configuration	TKEEP-780	Simplified Timekeeping Config	Off

New API Operations

The following API operation(s) were added for R9 Update 4.

Domain	Resource	Operation	Method	URL endpoint
Domain	Resource	Operation	Method	URL endpoint
Common Resources I	Messaging Notifications	Retrieve Bulk Notifications	POST	/v1/commons/notifications/apply_read
Common Resources I	Symbolic Reviewers and Listeners	Retrieve Symbolic Reviewers and Listeners	POST	/v1/commons/reviewer_ lists/reviewers/apply_read
Common Resources II	Generic Locations	Retrieve a List of Generic Locations	GET	/v1/commons/generic_locations
Common Resources II	Generic Locations	Retrieve Generic Location by ID	GET	/v1/commons/generic_locations/{id}
Common Resources II	Generic Locations	Retrieve Generic Locations	POST	/v1/commons/generic_locations/multi_read
Common Resources II	Generic Locations	Create Generic Location	POST	/v1/commons/generic_locations
Common Resources II	Generic Locations	Create or Update Generic Locations	POST	/v1/commons/generic_locations/multi_ upsert
Common Resources II	Generic Locations	Update Generic Location by ID	PUT	/v1/commons/generic_locations/{id}
Common Resources II	Generic Locations	Delete Generic Location by ID	DELETE	/v1/commons/generic_locations/{id}
Common Resources II	Hyperfind Queries	Create or Update Hyperfind Queries	POST	/v1/commons/hyperfind/multi_upsert
Common Resources II	Hyperfind Queries	Delete Hyperfind Queries	POST	/v1/commons/hyperfind/multi_delete
Common Resources II	Hyperfind Queries	Retrieve Hyperfind Filters	GET	/v1/commons/hyperfind/filters
Common Resources II	Hyperfind Queries	Retrieve Hyperfind Filter Details by Filter ID	GET	/v1/commons/hyperfind/constraint
Employee Self-Service	Employee Availability Requests	Retrieve Availability Requests	POST	/v1/scheduling/employee_availability_ requests/multi_read
Forecasting	Labor Budget	Update Labor Budgets	POST	/v1/forecasting/labor_budget/apply_update
Forecasting	Machine Learning Model Features	Retrieve All Machine Learning Model Features or	GET	/v1/forecasting/machine_learning_model_ features

Domain	Resource	Operation	Method	URL endpoint
		by Name		
Forecasting	Machine Learning Model Features	Retrieve Machine Learning Model Feature by ID	GET	/v1/forecasting/machine_learning_model_features/{id}
Forecasting	SHAP Value Metrics	Calculate Feature Dependence	POST	/v1/forecasting/shap_values/metrics/feature_dependence/apply_read
Forecasting	SHAP Value Metrics	Calculate Feature Importance	POST	/v1/forecasting/shap_values/metrics/feature_importance/apply_read
People	Persons	Retrieve Punch Interpretation Rule	GET	/v1/commons/persons/punch_interpretation_rules
Platform	Report Executions	Retrieve Report Execution Status by ID	GET	/v1/platform/report_executions/{id}
Scheduling	Employee Preferences Requests for Employees	Create Employee Preferences Request	POST	/v1/scheduling/employee_preferences_requests
Scheduling	Employee Preferences Requests for Employees	Update Employee Preferences Request by ID	PUT	/v1/scheduling/employee_preferences_requests/{id}
Scheduling	Employment Terms Shifts	Retrieve Employment Terms Shift by ID	GET	/v1/scheduling/employment_terms_schedule/shifts/{id}
Scheduling	Employment Terms Shifts	Create Employment Terms Shifts	POST	/v1/scheduling/employment_terms_schedule/shifts/apply_create
Scheduling	Employment Terms Shifts	Update Employment Terms Shifts	POST	/v1/scheduling/employment_terms_schedule/shifts/apply_update
Scheduling	Employment Terms Shifts	Delete Employment Terms Shifts	POST	/v1/scheduling/employment_terms_schedule/shifts/apply_delete
Scheduling	Open Shifts	Retrieve Calculated Open Shifts	POST	/v1/scheduling/schedule/open_shifts/apply_read
Scheduling Setup	Employee Visibility Periods	Retrieve Eligible Submission Periods	POST	/v1/scheduling/setup/employee_visibility_periods/apply_read
Scheduling Setup	Predictive Scheduling	Retrieve Predictive Scheduling Violations, Hours, and Costs	POST	/v1/scheduling/predictive_scheduling/evaluate

Domain	Resource	Operation	Method	URL endpoint
Scheduling Setup	Staffing Dashboard Settings	Retrieve All Colorized Entities	GET	/v1/scheduling/setup/staffing_dashboard_settings/colorized_entities
Scheduling Setup	Staffing Dashboard Settings	Retrieve All Employee Pool Additional Data Entities	GET	/v1/scheduling/setup/staffing_dashboard_settings/employee_pool_additional_data_entities
Scheduling Setup	Staffing Dashboard Settings	Retrieve All Unit Panel Additional Data Entities	GET	/v1/scheduling/setup/staffing_dashboard_settings/unit_panel_additional_data_entities
Scheduling Setup	Staffing Dashboard Settings	Retrieve Schedule Change Notification Options	GET	/v1/scheduling/setup/staffing_dashboard_settings/schedule_change_notifications
Timekeeping	Attestation Models	Retrieve All Attestation Models	GET	/v1/timekeeping/attestation_models
Timekeeping	Attestation Template Mappings	Retrieve All Attestation Template Mappings	GET	/v1/timekeeping/attestation_template_mappings
Timekeeping	Attestation Template Mappings	Retrieve Attestation Template Mapping by ID	GET	/v1/timekeeping/attestation_template_mappings/{id}
Timekeeping	Attestation Template Mappings	Retrieve Attestation Template Mappings	POST	/v1/timekeeping/attestation_template_mappings/multi_read
Timekeeping	Attestation Template Mappings	Create Attestation Template Mapping	POST	/v1/timekeeping/attestation_template_mappings
Timekeeping	Attestation Template Mappings	Update Attestation Template Mapping by ID	PUT	/v1/timekeeping/attestation_template_mappings/{id}
Timekeeping	Attestation Template Mappings	Delete Attestation Template Mapping by ID	DELETE	/v1/timekeeping/attestation_template_mappings/{id}
Timekeeping	Attestation Template Mappings	Delete Attestation Template Mappings	POST	/v1/timekeeping/attestation_template_mappings/multi_delete
Timekeeping	Sign-off Preparation	Retrieve Sign-off Preparation Status by ID	GET	/v1/timekeeping/signoff_preparation
Timekeeping	Sign-off Preparation	Bulk Retrieve Sign-off Preparation Status	POST	/v1/timekeeping/signoff_preparation/multi_read
Timekeeping	Sign-off Preparation	Enable Sign-off Preparation by ID	POST	/v1/timekeeping/signoff_preparation
Timekeeping	Sign-off Preparation	Bulk Enable Sign-off Preparation	POST	/v1/timekeeping/signoff_preparation/multi_update

Domain	Resource	Operation	Method	URL endpoint
Timekeeping	Sign-off Preparation	Disable Sign-off Preparation by ID	DELETE	/v1/timekeeping/signoff_preparation
Timekeeping	Sign-off Preparation	Bulk Disable Sign-off Preparation	POST	/v1/timekeeping/signoff_preparation/multi_delete

Online Help Modifications

R9 Update 4

The following documentation modifications were made for R9 Update 4.

Historical Corrections and Payroll Processing

What are historical corrections and historical edits?

A historical correction is an adjustment to an employee's totals record that reflects a difference in hours, pay, or both. Historical corrections are caused by a historical edit (some change made to an employee's time record, in a signed-off time period, that impacts their totals). Historical corrections are needed for historical edits because the pay periods the edits occurred in have already gone through payroll processing. You can use the historical corrections to determine whether and how to process the difference in hours or pay for employees in the next payroll process.

When do historical edits occur and how do I resolve them?

While there are times when it is very clear when historical edits have occurred (for example, editing a timecard in a signed-off period), there may be instances when historical edits occur, resulting in pending historical corrections, that are not so obvious and may impact payroll processing, such as:

- An update to a person record that impacts totals for a signed-off period
- An update to configuration that impacts totals for a signed-off period
- Fixes introduced in a software update (rare)

For more information about how to identify and resolve these, see this article Historical-Corrections-in-Workforce-Dimensions.

Online Help Resolved Issues

Activities

WFD-161298 - The following has been added to to the Group Edits topic in the online Help.

Searching for activities:

- Search will only return activities that are included in your job transfer set. If you need to modify your job transfer set, go to People Information > Timekeeping > Manager Role - General > Manager Job Transfer Set.
- To return a specific activity, in the Activity field, enter its name and click Search. Your entry must be an exact string match for the activity; partial strings and wildcards are not supported for activity searches in group edits. Searches are not case-sensitive.
- To view a list of activities from which to select, in the Activity field do not enter a value. Click Search. Search will return all activities included in your job transfer set.

Documentation

WFD-148637 03405309 03799903 - The Edit Your Profile topic > Change Password section incorrectly stated that "As you start entering your new password, the password requirements for your environment are listed on the right side of the window. As your password satisfies each requirement, a green checkmark displays next to the requirement." This note is not correct and is removed.

Common Components

WFD-158908 3720429 - The Accessibility help topic in the online help incorrectly included invalid references.

WFD-166201 16962003 - ADP Help incorrectly included references to Pro Strategic Workforce Planning.

WFD-166127 16943161 - The heading on some ADP help pages generated incorrectly.

WFD-161367 3727075 - The Configure Alert Destinations help topic was updated to remove out-of-date information.

WFD-160747 3767802 - The Dataview Accessibility topic was updated to correct a misspelled word.

WFD-159562 3731108 - The Seeduser documentation incorrectly stated the password minimum was 8 characters.

WFD-158781 3711782 - In the online help, the icons for comments and notes in the timecard were updated.

Forecasting

WFD-164297 16483557 - The Volume Details entity was not documented in the Data Dictionary Online help.

Platform

WFD-164612 16632537 - Traditional Chinese language was not listed in the supported languages documentation.

Timekeeping

WFD-165633 16832078 - The Approval Restrictions help topic was updated to change a reference to employee that should have said manager.

WFD-164877 16666323 - The online help topic for Rest Between Shifts incorrectly stated that “Unscheduled shifts that are specified as rest are included in premium pay calculations”. This has been corrected to say “Unscheduled shifts that are specified as rest are excluded from premium pay calculations”.

WFD-162308 3804545 - In the Cascading Policies > Add a Policy help topic, the example for “Bypass individual taking restrictions” incorrectly listed the increment for the Sick step in the cascading policy. It has been corrected to read “increment 2” instead of “increment 4”.
In addition, the “Disregard taking limits in accrual policy" option has been replaced with a note to indicate the option is not currently available for use.

Resolved Issues

Within each section, issues are listed in numeric order by WFD tracking number. Salesforce case numbers are also included, when applicable.

R9 Update 4, Express Upgrade 8

The issues below were resolved for R9 Update 4, EU8.

Engines

WFD-173482 17630917 - The Schedule Generator was stuck in a "*waiting*" status.

WFD-172604 18283116 - The Schedule Generation strategy was set up to create open shifts and then to assign open shifts. Generate Open Shifts was working, but none of the Assign Shifts were running. They mostly produced the error: "*Error Generator failed. Engine exception : Internal error*".

WFD-169947 17283091 - The Labor Forecast was not forecasting as expected for Combined distribution when a Task Group had a dated versions. The results were the same whether there was a multiple dated version of the task or only one.

WFD-169470 17462627 - When using the Labor Spread Option of "*Truncate*" in the Labor Standard configuration, the headcount was created at 10x the rate compared to when the setting was set to *Compress*. It should have been a slightly smaller headcount when using truncate compared to compress.

Gaming 9.5.5

DIM-581950 - Performance for the Gaming API was improved to provide quicker read times and retrieve tip compliance rates faster.

WFD-169831/ 17520273 - Employees were able to run toke pool reports on any toke pool. Now, employees and managers are restricted from running toke pool reports to only those that are assigned in their Toke Pool Profile. If a manager does not have a Toke Pool Profile, they will need to be assigned one to run toke pool reports.

WFD-169164/ 17441138 - Intermittently, some Gaming Smart View transactions timed out, which impacted punching.

WFD-168578/ 17379006 - Performance for the Gaming Attribute Import Integration was reviewed and improved.

Platform

WFD-173695 18430119 - Terminated employees were showing in the Schedule Planner when the **All Home** Hyperfind was Selected.

Scheduling

WFD-173806 18455327, 18452949, 18461602, 18474859, 18485219, 18484740, 18482356, 18485365 - Terminated employees were showing in the Schedule Planner when the **All Home** Hyperfind was Selected.

WFD-173499 18404273 - The Schedule Planner was not loading.

WFD-171540 17754714 - The "*Override Shift*" option is now cleared by default in the Schedule Planner when adding a pay code to a day which already had a shift.

WFD-171522 - In previous releases, selecting Google from the **Subscribe** dropdown list to subscribe to Google Calendar™ caused the automated subscription to fail. The Google option has been removed from the Subscribe dropdown list to address this issue. You can use the **Other (Copy URL)** subscription option to generate a URL and complete the Google Calendar subscription process manually. This was previously listed as a "Known Issue".

WFD-169019 17408484 - Employees were receiving the error "*You are trying to retrieve an item that was never added to the database*" while requesting time off using **Full day**. Managers were also getting the same error while adding a scheduled paycode edit using **Full Scheduled Day** or **Override Shift** options.

WFD-159193 - A manager / central staffer needed the ability to easily filter skills and certifications in the staffing dashboard in order to assure that the needs of the department/units were met.

Timekeeping

WFD-172908 18285406 - When a single record failed, the Data Import Tool failed every record in the file instead of just the one that had the issue. The error was not helpful as it did not explain the cause.

WFD-172158 18226430 - The API `v1/commons/labor_category_profiles/multi_upsert` was failing with a "400" response.

WFD-171490 18392211 - Upgrading the tenant database was failing.

WFD-171278 - There was an unwanted latency in fetching Paycode Edits data after the successful creation of paycode edits.

WFD-170030 17475708 - When applying filters on the column of type 'entity,' the results in the dataview were not as expected.

UDM

WFD-170663 17461806 - When trying to Initialize an InTouch Dx clock, the download package building took more than three days to time out. It should have taken about 3 hours.

WFD-169158 17381269 - The Daily Attestation Punch Report was difficult to read on Intouch DX because it listed all punch times needing to be attested in one continuous line on the device. This slowed the line of employees trying to punch out.

R9 Update 4, Express Upgrade 7

The issues below were resolved for R9 Update 4, EU7.

Authentication

WFD-165039 16643135,16942333 - When attempting to change the Authentication Type, the following error appeared "*Authentication Failed, switch to the login page that is assigned to you.*" when attempting to log in.

Engines

WFD-172235 18242801 - The Schedule Generator was failing due to too many employees (>500). The default employee limit has been increased to 1000.

Platform

WFD-17270018304421 - The call to the API `v1/commons/hyperfind/multi_read` was failing.

Scheduling

WFD-173232 18379671 - Schedule rule violations were occurring even though the rule hadn't been violated.

WFD-171219 17518411 - Availability was not removed from schedule of terminated employees.

WFD-171879 18076821 - The API `v1/commons/persons/employee_tags/multi_read` was being impacted by a recent Employee Tag enhancement. A Global Data Access Profile (GDAP), being optional for a manager, was not assigned to its store users. The release notes mentioned that for backward compatibility, a checkbox in a GDAP was provided. That backward compatibility did not consider the fact that a GDAP was optional and would only work for managers with a GDAP.

WFD-171226 17793585 - Viewingan iInactive user in Schedule Planner Resulted in the following error: "*Some unknown error occurred. Error Details Not Available*".

WFD-171114 17553166 - An incorrect job name was displaying in the standard report "Hours Per Volume By Job." The job name in the report should have matched the job name in the system.

WFD-170210 17555975 - The following error occurred when updating the Workload Pattern: "*Some Unknown Error Occurred. Error Details Not Available*".

WFD-169940 17562195 - After an upgrade, was unable to open **Common Setup > Worker Types** without getting the error "*An error has occurred (may be caused by network or database issues). Please contact your system administrator*."

WFD-169679 16273812 - When trying to add/modify a schedule, the following incorrect error appeared: "*You cannot perform this action prior to the hire date or after the termination date.*" The date did not fall outside of those parameters.

WFD-168167 17256063 - Employees were unable to pick up Open Shifts for Current Week.

WFD-165770 16853254 - Automatic Break Adjustment with Scheduling Requests was needed. This feature (**OD-48**) has been added and is described in this document in the "**What's New for R9 Update 4, Express Upgrade 7**" section.

WFD-165707 - Employees could not see coverage counts while self scheduling. When deciding which shifts to pick in a Self-Schedule Request with Shift Templates, employees are called upon to understand the coverage needs of their unit or department. In organizations where more senior employees always get their shifts, it is important for less senior employees to be able to see who else has selected shifts so that they can make better choices during self scheduling.

Timekeeping

WFD-173212 18369961 - When an Attestation employee attested to taking a lunch, the following error occurred when punching out: "*An unexpected error occurred. Contact your system administrato*r".

WFD-172959 18335602, 18415547, 18435228 - The wage adjustment trigger in Adjustment Rule was not firing. The existing configuration of an Adjustment Rule trigger was to adjust the wage amount of a Pay Code that was also (prior trigger) applied by the same Adjustment Rule. In this configuration, the Adjustment Rule should have parsed all triggers in the Adjustment Rule in the order they were configured.

WFD-170467 17467976 - The API `v1/timekeeping/timecard/multi_read` was not returning the expected date range for a symbolic period.

WFD-168251 03768040 - Managers were getting the error "*Request Processing not allowed for this employee*" on the day the request was submitted. The manager was able to Approve the next day.

R9 Update 4, Express Upgrade 6

The issues below were resolved for R9 Update 4, EU6

Absence Management

WFD-167790 17154195 - The following error occurred for random days during the Scheduled Attendance processor event run: "*An unexpected non-SQL system error has occurred*". When the rules were run manually, the error did not occur.

Platform

WFD-172043 18202599 - Hyperfind was not returning all employees based on the condition selected. It was incorrectly excluding terminated employees who were still active at the time.

Scheduling

WFD-168183 17281057 - Assigning a Reviewer List (Approve Time Off Request) to Approval Settings (same name, Approve Time Off Request) and then assigning the Approval Settings to a Time Off Request - Request Subtype resulted in the "Reports To" manager not receiving the submission notification.

Timekeeping

WFD-172924 18341603 - A "CT Call error" was causing employees to be excluded from the totalizer in the Background Processor (BGP).

WFD-168524 17265041 - Auto-resolve Exceptions was not showing pay codes on the timecard when punches were rounded. The totalizer engine was not rounding, so no exact matches were found.

WFD-167984 17255233 - A single employee was "stuck" in the background processor. The employee was unable to remove sign off or enable edits due to error "*Previous sign-off has not yet completed*."

WFD-167839 17213688 - An incorrect Accrual in the Cascading Accrual Policy was appearing for an employee who was terminated during the period.

WFD-165501 16796303 - Employees were "stuck" in the Background Processors and a "CT call error" was occurring when opening the timecard.

WFD-165024 16687847 - Historical Corrections were saved, yet reappeared for employees. Once a Historical Correction is saved, it should not repeat.

R9 Update 4, Express Upgrade 5

The issues below were resolved for R9 Update 4, EU5

Engines

WFD-17186418143843 - Unable to generate schedules due to an internal error. In the schedule planner, the following error appeared: "*Generator Failed. Engine exception : Internal Error.*"

Forecasting

WFD-16862717348802 - There was a need to retrieve all average Pay Rate Sets for a new integration. A new Multi Read API for retrieving all Average Pay Rate Sets for all locations without history or additional parameter has been added to the existing API (`v1/commons/average_pay_rate_sets`) to allow for retrieving All Average Pay Rate Sets by effective date.

Gaming 9.5.4

WFD-171962 18194917 - When entering Gross and Committee amounts for toke pool processing, after selecting **Save,** an internal error message appeared.

WFD-159567 - When using Shift Actually Worked in the Retrieval Sequence, tips were overstated by one hour during the daylight savings transition.

Healthcare Analytics (HCA)

WFD-171331 17208131, 18142060 - The Agency Exception export generated the following error message: "*The record was not exported for xxxx. The reason is the employee was terminated before the pay period start date, or the employee was hired after the pay period end date.*" Active employees should be exported; the employees that were not exported were all terminated, but were subsequently re-activated.

Platform

WFD-171408 17785936 - Database failure during tenant refresh.

WFD-170639 17629533 - German translation was splitting words across two lines on certain button labels.

Scheduling

WFD-170976 17755536 - An unresolvable error was returned in Transaction Assistant after the People Import integration ran.

WFD-170241 17487206 - Minor Rule / Schedule Rules were not being evaluated based on the Week Start Day setting in the Schedule Rule Set as they should have been.

WFD-170216 17601602 - Posting schedules through API `v1/scheduling/schedule_management_ actions/apply_update` was failing.

WFD-169088 17172750 - The Location Schedule Weekly Report was failing.

WFD-168191 17174799 - The Schedule Builder batch process was failing every week.

WFD-166343 16941999 - Inconsistent period hours. Evaluated Hours fluctuated between two values for the same period when displaying different dates of the period.

WFD-164396 16485592 - Column resizing was not available when viewing the 'Location String' in Schedule Planner when using "View by Job" on an iPad.

Timekeeping

WFD-171978 18216399 - Could no longer start Attestation via API (`POST v1/timekeeping/attestation_process`) for employee by manager / admin account.

WFD-171922 18099400, 18180499, 18234046, 18191274 - The following error appeared when attempting to access a timecard: *Error WFP-83618 The number of employees (14,688) exceeds the threshold (3,500)*. The timecard for the selected employee was loaded successfully but then the timecard reloaded for all employees that the manager has access to. At that point, the error occurred if the manager had access to more employees than 3,500. If they had access to less than 3,500 employees, the timecards were loaded for all the employees that they have access to, which is not correct.

WFD-170970 17715212 - The Overtime preprocessing feature was not working as expected.

WFD-170013 17518554 - A "CT Call error" was returned when attempting to access an employee's timecard.

W**FD-169015 17436667** - When attempting to run a Read-Only report utilizing Audit data, the API returned "*Requested employee/s are not found in our system.PersonalityFacade : Requested employee/s are not found in our system.*"

WFD-169842 17451847 - Timecard errors with API calls to the employee timecard endpoint `POST /api/v1/timekeeping/employee_timecard/multi_read`.

WFD-168842 17411412 - Business Structure caching issue: couldn't add, edit or delete shifts since updating old business structure.

WFD-168282 18249035- Dataview column "On Premises" was not displaying a checkmark for each employee with Punch-In as it should have.

WFD-168081 16668423 - Earning balance limit was not working correctly.

WFD-167615 17010128 - Percent Allocation rule was not allocating as expected. The system was allocating each day individually or each item within a day individually and then adding them up to get a total for the period or for the day. The system should have been totaling all items in a single day (or all days in a period) and then doing the allocation.

UDM

WFD-171251 17801838 - Selecting large groups of clocks would display "wait" or "page unresponsive" on the page for an excessive period of time.

R9 Update 4, Express Upgrade 4

The issues below were resolved for R9 Update 4, EU4

Absence Management

WFD-169577 17470065 - A Missing Punch event from old policy that was no longer assigned to the current profile version was still being triggered in Attendance Details. The Missing Punch event that was assigned to the current policy in the current profile version should have been triggered instead.

WFD-168695 17377422 - The API `v1/timekeeping/absence_spans/multi_read` was retrieving different responses when absence paycode edit was applied from Schedule and from Timecard.

Engines

WFD-171864 18143843 - Schedule Engine Failure - Generator Failed. This was due to a change in the KPIs retrieved by the engine. There were some empty intervals in the KPIs and those intervals were causing a java.time.DateTimeException.

Platform

WFD-171975 18210841 - Workflows were not validating in Designer and throwing runtime validation errors.

WFD-166358 16641978 - When choosing to sign off associates via a dataview and group edit after applying sign off and refreshing dataview, it was not updating. Even after signing off in the timecard and then refreshing the dataview, they still appeared as not signed off.

Scheduling

WFD-171451 - In Self-Scheduling, an incorrect error message was appearing when a lock exception occurred during a shift update.

WFD-171078 - Performance issue: Self-Scheduling requests were processing slowly.

WFD-170471 17652389 - Planned and Scheduled Coverage on Daily Coverage tab was rounding inconsistently.

WFD-168057 17262739 - When an employee submitted a Request to Cover for a partial shift and their remaining shift was then transferred, the Cost Center attached to the business structure department was incorrect. The transferred shift applied the employee's shift to the employee's primary Cost Center. The Cost Center applied should have been the Cost Center assigned to the location.

WFD-165189 16664886 - Error approving a Timeoff Request using the Document Attachment extension ("*Some Unknown Error Occurred. Error Details Not Available.*")

WFD-163987 INC5373372 - Heap Dump error *499*.

WFD-163214 03815033, 16984923 - The following error appeared when a manager tried to approve an Open Shift Request with a Labor Category transfer: "*Error: One or more of the shifts you selected are no longer available.*" When the labor category transfer was removed from the shift, the manager was able to approve the Open Shift Request.

Timekeeping

WFD-169816 17438298 - Time zone change was impacting the signed off timecard data.

WFD-169227 17374151 - Muster Roll Detail dataview displaying inconsistent data.

WFD-168854 17415206 - Employees not totalized after changes to Adjustment Rules - Background Processor showed all employees totalized.

WFD-168604 - Gaming needs to be able to provide the worked shift totals when an employee punches out. The `/timecard` API was not providing the `timeItemId` in aggregated totals in the response. The reason for this was that you cannot provide the totals rollup type which needs to be set to `TIMEITEM` to get this data. We now allow for this parameter to be passed in instead of using *ALL*.

WFD-165928 16718970, 16730014 - On call / Call in was applying to the wrong day and was showing an Unscheduled Exception when it should not have.

UDM

WFD-171521 18066354 18114040 - UDM was casing a tenant failure.

R9 Update 4, Express Upgrade 3

The issues below were resolved for R9 Update 4, EU3

Forecasting

WFD-168739 17338036 - The API to Retrieve Category Property Set Assignments (`v1/forecasting/category_property_set_assignments/multi_read`) was giving inconsistent results when run for a single location vs. multiple locations.

WFD-167983 17218977 - The error "*Unknown error occurred. Please contact system administrator*" appeared when loading the person information for some users.

KPI

WFD-159386, DIAN-46 - Business Structure dataviews showed inconsistent or incorrect data depending on the date range, whether a business structure item was end-dated during the period of the dataview, and in details throughout the dataview. Now, the dataviews show consistent totals regardless of the number of weeks, show accurate totals in the periods when jobs are active even if they are end-dated, and details are correct and consistent with you drill down in the dataviews.

People

WFD-158940 03712323 - Changing some locale combinations wasn't working correctly.

Platform

WFD-163135 04894582 - Smartviews and UDM events were failing : Failed to Load Access Profile Cache for UDM nodes.

Mobile

WFD-165339 16651566 - iOS (Apple) users were unable to access Schedule from mobile app.

Scheduling

WFD-171021 INC5578718 - There was an error in the People record when attempting to access the multiple assignment section.

WFD-169617 17321225 - Users who were part of the Symbolic Approvers\Reviewers List, were unable to clear Notifications from the Control Center.

WFD-169192 17406095 - Error occurred when attempting to cancel an approved Time Off Request. The following error appeared: "*Request processing not allowed for this employee.*"

WFD-169165 17435054 - When employees viewed the schedule in Location Schedule, they were able to see Schedule Tags that were marked as **Visible to Employee = NO**.

WFD-168705 17377498 - Unable to update the employee schedule pattern of a terminated employee for the duration that the employee was active.

WFD-168280 17294738,17006789,17008289 - When a user attempted to navigate to the Schedule Planner that was loading a large amount of data, Chrome stopped responding with a "Wait" or "Kill" dialog box and did not return the service limit error. Some users were able to load the Schedule Planner for data that was over the service limit.

WFD-167669 17140737 - Staffing Efficiency Report was not showing any census data.

WFD-166910 16966064 - The Transfer Set attached to a Pay Rule was not working as expected. This was causing hours to be applied to the wrong labor category in Timecards, whose hours are used in vital financial reports.

WFD-167694 17183817 - When opening Team Definitions and clicking on "Click on Team Member", the following error appeared: "*The list of team members is being updated because of changes to the team definition. Try again later.*"

WFD-166735 17091725 - Unable to set up auto-decline for availability requests.

WFD-165751 16822836 - A "CT Call error" was returned when attempting to access an employee's timecard.

WFD-163024 04893928 - Error message "*Some Unknown Error Occurred. Error Details Not available*" when selecting metrics in Schedule Planner.

WFD-162830 - Performance issue: High CPU on Background Processors related to Scheduled KPI batch jobs spawning multiple CT fork joins.

WFD-162281 03806814 - When Employee was assigned two Self Scheduling Visibility Periods, after initial selection, only one was available.

Timekeeping

WFD-169128 17347797 - Employee was excluded from background processing (BGP). The following error appeared in the timecard: "*Error A System Error was encountered during CT Call*."

WFD-168491 17347136 - A Balance Cascade fixed amount decimal value saved incorrectly. This occurred when a Balance Cascade had been configured to reduce the balance of an accrual as of a certain date.

WFD-168392 17291666 - The Attendance Incident Detail Report was not including employees who were available for part of the time period.

WFD-167475 17227701 - On Leave decision node Accrual balance qualifier incorrectly showed "0" for Accrual Balance.

WFD-167108 17128408 - The following issue occurred when changing Adjustment Rules and providing new version effective dates for the changes. When running Setup Data Manager to move these changes, the transfer showed *completed without error* in SDM history. However, the rule had no triggers applied. This caused employees to be paid incorrectly as the triggers were not applied to the rule to match UAT (they were blank).

WFD-165183 16428066 - Payroll had day divide rule for pay code crossing Noon or Midnight, but the hours before Noon or Midnight were being added on the day of and hours after were being added to the next day.

R9 Update 4, Express Upgrade 2

The issues below were resolved for R9 Update 4, EU2

Authentication

WFD-169646 17510268 - Employees unable to log in.

Platform

WFD-170675 17675086 - Tenant cloning was failing.

WFD-170119 17591825 - In the Data Import Tool, Import, People - Person Load, there was a Scheduling license type option (Advanced Planning and Scheduling) that should not have been visible.

WFD-168711 INC5523830 - Calls to `timekeeping/setup/employment_terms` resulted in JDBC Pool empty error.

Scheduling

WFD-171021 INC5578718 - There was an error in the People record when attempting to access the multiple assignment section in Self Scheduling. The wrong date format was passing.

WFD-170740 - Performance issue: Nodes were taking too long to start up with increased IDLE times on database *SchedulePatternStartupInitializer*.

WFD-169924 17544507 - Database Errors were occurring when creating, editing, or deleting Team Definitions.

WFD-169476 17475808 - Performance issue: Extreme slowness across system when Self Scheduling was opened.

WFD-168406 16839635 - The zone set exception list was not sorting correctly. The exceptions list should have been sorting based off earliest start time of defined Zone.

WFD-166973 16688714 - Shifts for the first week of Self Scheduling were missing for some employees.

WFD-166903 17088113, 17337746 - Request Subtype was not displaying all shifts unless *Minimum Rule Violation* was set to "Not considered".

WFD-166596 17084737 - The Resume API was intermittently not resuming Time Off Requests, leaving the request in a suspended status.

WFD-166342 16735290, 17298477 - Self Scheduling requests were showing already-scheduled shifts from prior periods and was not jumping to requested period dates.

WFD-166257 16883454 - Employees were seeing "*The action failed. Try again*" error when selecting Request To Cover.

TMS (Tenant Management System)

WFD-169938 17380363 - When trying to access Log Settings under the Tenant Administration page in TMS, the page came up with a loading symbol, but never completed.

Timekeeping

WFD-165657 16841720 - When running a "Condensed Employee Time Detail Report" for a previous period, the report failed and the following error appeared: "*Condensed Employee Time Detail Report failed. Error occurred in the run report processing. Please contact your System Administrator*".

R9 Update 4, Express Upgrade 1

The issues below were resolved for R9 Update 4, EU1

Absence Management

WFD-169170 INC5534035 - JDBC Pool exhausted and 499 Nginx degradation errors.

Activities

WFD-165266 16392507 - Employees were unable to punch via Kiosk Mode when the Timecard was Signed-Off and Edits were Enabled.

Mobile

WFD-166819 17122565 - When setting up Known Places, the list of Wi-Fi networks was not displaying alphanumerically.

People

WFD-168741 17264228 - Unable to Create or Duplicate People.

Scheduling

WFD-169369 17482771 - Performance issue: Extreme slowness across system when Self Scheduling was opened.

WFD-166982 17153971 - "235k exceptions" incorrectly generated.

WFD-166869 INC5477208 - API calls to `scheduling/v1/widget/manager/schedule/dataviews/columnValues` was causing a heapdump.

WFD-166832 17001641 - Error was occurring relative to Primary Job being required "*as of today for Scheduling licensed employee*" during an integration.

WFD-166816 16882271 - When Requesting Shift Swap, employees were getting the following (incorrect) error message: "*You cannot swap these shifts because you do not have the same visibility period as the recipient.*"

R9, Update 4

The issues below were resolved for R9, Update 4.

Activities

WFD-165763 16822340 - The Retrieve Historical Net Changes for Activity Shifts (`POST /v1/work/activity_shifts/historical_net_changes/multi_read`) API operation displayed an incorrect request and response model on the Developer Hub.

WFD-164393 16416858 - Project Timecards could be approved that contained Activities with no assigned time or with all time designated as Unallocated.

WFD-164032 16405556 - Kiosk mode was unable to read Barcode Type 39. This prevented badges with Type 39 barcodes from accessing Kiosk mode.

WFD-161298 3779371 - When performing a Group Edit, the Activity search requires an exact name match to retrieve an activity. It does not support wildcards or partial string matches. Activities Help has been updated to describe activity search behavior on the Group Edit screen. For details, see "Documentation Updates."

WFD-161148 3705864 - The Retrieve Timecards as Manager (`POST /v1/timekeeping/timecard/multi_read`) API operation always returned activity segments with a *dayDivideState* property value of 0 - No Day Divide even when an activity spanned a day divide.

WFD-160910 3771201 - The Create or Update Persons (`POST /v1/commons/persons/multi_upsert`) API operation logged a generic 'Internal server error' error message in the Transaction Assistant when the *preserveTrackingStatus* property was passed as 'true' in the personInformation.accessAssignment object while either not providing or providing an invalid *timeEntryTypeName* property. The error message now identifies the API call and the missing or invalid property.

WFD-160785 3713361 - Search for activities on Intouch DX clocks shows no results if the return exceeds the display limit of 250 records. An error message will now alert the user when that limit is reached.

WFD-159226 3684775 - The Activity form, when used on the model 9000 Intouch clock, returned an error if/when an empty string was provided for the Per Diem field.

WFD-157018 3548020 - Kiosk mode had no facility to bypass Geofencing. A new system setting — `site.timekeeping.enforceGeofenceForKiosk` — has been added that allows disabling of Geofence validation for Kiosk mode. The default value is True (Geofencing enforced).

Analytics

WFD-166053 16904968 - The Healthcare Productivity Charge Master table duplicated records based on the facility, department, procedure code, and effective date, but also included the weight in determining distinct records. Now, duplicated data is purged and you can edit the weights without duplicating records.

WFD-165974 16879374 - The Healthcare Productivity reports showed the "Metric Calculations in Progress" message even after all productivity calculations were completed successfully. Now, the message and log reports are correct, and the reports are generated successfully.

WFD-165023 16689152 - The limit on the number of recalculations for Healthcare Productivity was increased temporarily.

WFD-164874 16633160 - You cannot delete a work unit for Healthcare Productivity that is associated with billing or payroll departments, or targets. However, you can reuse such a work unit by editing the name and configuring mappings and targets.

WFD-164503 16522944 - The limit on the number of recalculations for Healthcare Productivity was increased temporarily.

WFD-164231 16458234 - The limit on the number of recalculations for Healthcare Productivity was increased temporarily.

WFD-164202 INC5379824 - The hca.ins.monitoring.queue and hca.ins.volume.process had no consumer. The queues were deleted to correct this issue.

WFD-163564 16320005 - The limit on the number of recalculations for Healthcare Productivity was increased temporarily.

WFD-162404 03765271 - The displayed values of KPIs and metrics are rounded to the decimal according to the locale policy. However, the system calculates with the raw values from the database tables to maintain precise accuracy. As a result, the displayed values may not be exactly the same as the calculated values.

WFD-162043 3800951 - The Healthcare Productivity Agency Export integration failed with the message: *An unexpected error occurred. This issue is resolved*.

WFD-159085 3722522 - The Healthcare Productivity Six Pay Periods Productivity Trend report showed the "Metric Calculations in Progress" message even after all productivity calculations were completed successfully. Now, the message and log reports are correct, and the report is generated successfully.

Attendance

WFD-159197 INC5050143, INC5078199, INC5154106, INC5203891 - Improved performance of the Retrieve Data (`POST /v1/commons/data/multi_read`) API operation, which sometimes timed out when aggregating Attendance data.

Common Business

WFD-161448 3783485 - The Retrieve Persons (`POST /v1/commons/persons/extensions/multi_read`) API operation incorrectly included a fingerScan object in the response model on the Developer Hub.

WFD-159413 3728654 - In People Information, when accessing Multiple Assignments > Wage & Work Rules for certain employees, the page became unresponsive. When accessing the same information via the API, an error was returned.

WFD-155987 3637924 - For some single assignment employees, after the primary job was updated in People Information, the job name listed under Multiple Assignments was not updated.

WFD-147805 INC4403333 - The Retrieve Schedule (`POST /v1/scheduling/schedule/multi_read`) API operation incorrectly returned the following error: 'cannot execute UPDATE in a read-only transaction'.

Common Components

WFD-165001 16651468 - The Retrieve All Assignments for Multiple People (`POST /v1/commons/persons/assignments/multi_read`) API operation incorrectly returned an error when attempting to retrieve JobPreferences.

WFD-157694 3685239 - The Retrieve Locations (`POST /v1/commons/locations/multi_read`) API operation did not accept a qualifier as an identifer for locationRef. This operation now takes a qualifier for locationRef, but note that you must also pass a revisionDate when qualifier is used to identify a location.

WFD-157486 3687285 - Under certain conditions, the Retrieve Locations (`POST /v1/commons/locations/multi_read`) API operation did not return up-to-date cost center information when that information had been recently updated.

WFD-156385 3630126 - When a manager was creating Organizational Sets, they were able to see employees that were not in their assigned Employee Group.

WFD-156038 3636524 - Enhanced the Developer Hub Foundations topic by clarifying the behavior of effective and expiration dates.

WFD-154468 3577573 - Under certain conditions, the Create or Update Generic Data Access Profiles (`POST /v1/commons/generic_data_access_profiles/apply_upsert`) API operation failed to save valid updates and threw errors.

Engines - Forecasting and Scheduling

WFD-165991 16846399 - The Machine Learning Volume Forecast failed to generate for six Volume Drivers.

WFD-164698 16503371 - When assigning open shifts in Schedule Planner, if there were multiple open shifts to fill, there was inconsistent behavior, and some or all of the shifts were not assigned to employees, even if they were available..

WFD-162926 3813389 - Users were unable to generate schedules with Skills attached for open shifts.

WFD-162050 3766048 - The Calculated Event Ratio (%Impact) applied to a future volume forecast ignored the Years for Composite Values setting of the event.

WFD-161963 3794757 - During the shift optimization process, open shifts were created in error when a shift from Workload Planner was updated to the schedule.

WFD-161700 3794003 - The Machine Learning Forecast for earned hours generated inaccurate results. When using specific drivers, the Machine Learning used the relationship between sales and drivers to generate a forecast that did not meet business needs.

WFD-160787 3754455 -The Schedule Generator and the Minor Rule Violation did not use the same criteria when evaluating Partial School Weeks, creating a shift that caused a Minor No Save Rule Violation when scheduling in a School Week.

WFD-159879 3739277 - Users were unable to revert the `site.forecasting.maximum.precision` setting to its default value.

WFD-158998 3715756 - If a Batch Task for Schedule Generation was created, and the Administrator then clicked Search, the Search screen was blank and a 404 Page Not Found error displayed in the Web Browser Console. This caused users to scroll through a large list of Schedule Generation Strategies to select the correct one.

WFD-158570 3699283 - If Strategy was used to 'Generate and Assign Shifts', breaks were not assigned to all the shifts. If Generate Open Shifts and then Assign Open Shifts were used, all shifts had breaks assigned.

WFD-157122 INC4942001 - The Retrieve Sorted or Eligible Employees (`POST /v1/scheduling/staffing_assistant/apply_read`) API operation sometimes timed out when includeTransferEmployees was passed as 'true'.

WFD-156938 3669466 - Machine Learning consistently generated low forecasts for all sites in Sunday forecasts.

WFD-153887 3572536 - Machine Learning forecasts generated lower than expected forecasts.

External Technologies

WFD-165749 16863339 - The Evidence Punch Attestation Report integration failed when more than one comment was added to the Evidence In- or Out- Punch.

WFD-164579 16616621 - The Prorated Accruals FTE integration did not always add the overdraft paycode and comment to the employee's timecard.

WFD-164371 16477268 - In the Transfer Report to SFTP integration, the map function displayed Override - OutputDirectory instead of OutputDirectory.

WFD-163298 16258286 - The Schedule Change Attestation business process generated a schedule attestation when the employee's schedule was changed by a time-off request.

WFD-162278 3812035 - In the Transfer Report to SFTP integration, the Append Timestamp To Report process property type displayed as Boolean instead of string.

WFD-162235 3790199 - The Copy Schedule business process generated an error when updating an open shift that corresponded to days with applied time off.

WFD-162130 3785065 - Japan-based users were unable to view the evidence punch data in the output file that was generated by the Evidence Punch Attestation Report integration.

WFD-161685 3788758 - The Flexible Breaks integration added duplicate punches to the employee's timecard.

WFD-161658 3773891 - The Sickness Period Management integration did not take sick paycodes with zero hours into consideration.

WFD-160778 3762429 - After shift types were edited in a Rotation Schedule template and the template was published, duplicate shifts were incorrectly added for employees in the Schedule Planner.

WFD-160758 3762434 - In the Jours de Fractionnement integration, the column order of process properties JourDeFractionnement_v1_CRTConfig was incorrect.

WFD-159671 3728031 - Employees could not submit more than one hour-based time-off request for the same day.

WFD-158629 3710106 - The Sickness Period Management integration did not process long-term sickness periods that exceeded 366 days.

WFD-158601 3707887 - The Prorated Accruals Termination integration sometimes generated an error, No data produced from map "Overdraft Paycode Edit Response Mapping."

WFD-158432 3692508 - The Global Time off Requests (GTOR) Validation Rules extension did not allow employees to apply for leave that exceeded 90 days.

WFD-157945 03694555, 03813377 - Projected hours were not always accurately reflected on the metrics tab after the employee approved a schedule change.

WFD-157248 3591791 - The Mondayisation Extension always moved holidays to the next day when when the Lookback - Periods parameter was set to a value of 10 or higher.

WFD-156946 3656448 - The Hours and Dollars Allocation extension failed all paycode edits submitted in the request when only one edit failed.

Forecasting

WFD-164673 16628490 - The following API operations incorrectly threw errors when the Multiple Start Days per Week (MSDW) feature was enabled:
- Retrieve Forecast Week Start Day by ID (`GET /v2/forecasting/forecast_week/start_day`)
- Retrieve Forecast Week Start Days (`POST /v2/forecasting/forecast_week/start_days`)

> **Note:** The deprecated V1 versions of these operations were not updated with this fix. We recommend you update your implementations to utilize version 2 operations as they provide better security, performance, and functionality.

WFD-164226 16400698 - After labor standards were removed from tasks and tasks groups, users were unable to delete the labor standards.

WFD-163935 16374461 - After running *labor_forecast/multi_create*, the system did not report all errors in the Transaction Assistant. Users had to repeatedly rerun the integration to generate an accurate error report.

WFD-163866 16323815 - Request processing failed on the Forecasting Time Series Dataview.

WFD-162689 3801378 - The Retrieve Labor Standards (`POST /v1/forecasting/labor_standards/multi_read`) API operation returned start and end dates that were inconsistent with the dates presented in the UI.

WFD-161833 3794982 - The search operator * (asterisk) in available labor standards returned no results in Tasks and Task Groups.

WFD-160027 3736467 - Users were unable to review data points used in Volume Forecast creation when the Analyze Data Report displayed insufficient data. Users were trying to validate the Volume Forecast for accuracy.

WFD-160020 - Enhanced the Retrieve Labor Standards (`POST /v1/forecasting/labor_standards/multi_read`) API operation to accept only labor standard IDs in the request payload. Previously the associated generic departments were also required.

HCM

WFD-165525 16476453 - The HCM People Import-v2 integration did not update the Primary Labor Category in People Information when an employee's Default Allowance was changed to <blank>. Now, this integration correctly updates the Primary Labor Category to <blank>.

WFD-164701 16512148 - The HCM People Import-v2 integration failed records that used to have an Analytics license but the license is no longer active, or the Analytics license in the License Profile is set to *Unassigned* or *No Change*. Now, this integration does not fail records if the Analytics license is missing or not defined.

WFD-163725 16354050 - The HCM People Import-v2 and -v1 integrations did not map and assign the Communcations license to people records. The Communication license has been added to the mapping for both integrations.

WFD-160453 3754604 - The HCM People Import-v2 and -v1 integrations did not import school calendar profiles, even though the `school_calendar_profiles` API is available. Now, the data maps for both integrations include schoolCalendarProfile.

Healthcare Productivity

WFD-167419 - When doing an SDM transfer of System Setting Property, the validations were not working. Before you use Setup Data Manager (SDM) to transfer the `site.healthcareanalytics.payroll.config.default.generic.job` system setting property, check the generic job on the target tenant. Also, if the payroll records fail even though the generic job system setting is configured correctly, check whether the job is still effective.

WFD-169049 17374080 - Healthcare Targets in Healthcare Productivity KPIs Administrators can use Healthcare Targets when building Healthcare Productivity KPIs.

Information Access

WFD-163042 INC5334684 - Under certain conditions and as part of very large data transactions, the Retrieve Data (`POST /v1/commons/data/multi_read`) API operation threw a null pointer exception or timed out.

WFD-161272 3791056 - In a Business Structure Timeseries Dataview, when drilling down on a Department or Job, no data was returned.

WFD-159137 3666206 - A Dataview configured to include schedule and time-off request columns did not show data for these columns.

WFD-158389 3699949 - The Retrieve Data (`POST /v1/commons/data/multi_read`) API operation would occasionally return a floating point value instead of an integer for 'PayPeriodWeek' under Data Dictionary key 'TK_ACTUAL_PAYPERIOD_WEEK'.

Integration Hub

WFD-164689 16638323 - API calls to the Transaction Assistant that contained an empty request body resulted in an HTTP status code 500 error. Now, the system verifies the request body and enables the Transaction Assistant only if the request is not empty.

WFD-160589 3763346 - The Retrieve Persons (`POST /v1/commons/persons/extensions/multi_read`) API operation threw an HTTP status code 500 error when importing employee records with an expired or undefined end date in any node in the job organizational path. Now, the API throws an HTTP status code 400 error and supports partial success.

WFD-145461 3362942 - Certain multi_read API operations, such as Retrieve Persons (`POST /v1/commons/persons/extensions/multi_read`), return wage information despite wage access not being enabled in the calling user's FAP. A new ACP, HIDE_WAGES, has been added that defaults to disabled. When enabled, these API operations do not return wage information.

Leave

WFD-163829 16336672 - The Pay Code drop-down menu was empty when creating a new leave type for an administrator user when the Pay Codes view profile was set to Empty Profile.

WFD-162031 3710834 - When a new Leave Case was submitted on the Leave of Absence page, the new Leave case did not appear when the page was refreshed.

WFD-161851 3748907 - Users navigating to and editing leave rules experienced performance issues when loading or saving.

WFD-161626 3757793 - When updates were made to the Paid Amount on the Leave of Absence Case Details page the updates did not save.

WFD-160771 3745357 - Limit-Based Notifications for Leave did not send an Email even if the frequency was not exceeded.

WFD-159936 INC5167054 - Under certain conditions and as part of very large data transactions, the Retrieve Data (`POST /v1/commons/data/multi_read`) API operation threw a null pointer exception or timed out.

Omni Data Hub

WFD-159092 3686746 - Some users accessing Data Hub functionality experienced an error claiming they did not have appropriate access rights. This was due to a problem in the access control lists (ACL) of the Data Hub Function Access Profile (FAP) configuration.

Platform

WFD-165353 16731214 - Translations to the Time off Request menu were incorrectly updated for Japanese.

WFD-164330 INC5385339,INC5385327- Under certain conditions, the Create or Update Persons (`POST /v1/commons/persons/multi_upsert`) API operation timed out or took a very long time to return a response.

WFD-164157 16414704 - The Retrieve Locale Date Span (`POST /v1/commons/symbolicperiod/read`) API operation returned an incorrect error message when the caller specified more than one mutually exclusive properties in the request payload.

WFD-163911 4880606 - When the feedback icon was selected the popup was displayed in French regardless of the Locale policy.

WFD-163650 16277843 - The Modify Assignments for Multiple People (`POST /v1/commons/persons/assignments/multi_upsert`) API operation incorrectly listed the service limit as 400 instead of the correct value, 200, in the Developer Hub.

WFD-162448 3817006 - A dataview did not include employees that were terminated and then reinstated during the selected timeframe when using the All Home location.

WFD-162376 3796469 - An employee was able to edit the logon profile in People Information even though this was not allowed in their function access profile.

WFD-162036 3795772 - The Send Notification by ID (`POST /v1/platform/messaging/generic_notifications/{id}/notify`) API operation stopped and did not send any email notifications if the request contained an inactive employee. An error is now logged instead of the API throwing an exception when the operation encounters inactive employees in the recipients list.

WFD-161957 3786035 - In the Data Import Tool, when attempting to upload Pay Code Edits with Labor Category transfers, the Labor Category drop-down did not include items that were suitable for transfers.

WFD-161334 3770397 - In the My Time Off tile, the scroll bars were not working correctly in the drop-downs and users were not able to scroll through the options.

WFD-161239 03733289, 16394856 - From a home page tile, after selecting the arrow to drill-down to the dataview, the following error was received: “Invalid time increment. Valid time Increment values – DAY, WEEK, MONTH, QUARTER."

WFD-161155 3778972 - In the Data Import Tool, when the user clicked on Template Information after selecting a template, the External ID field was incorrectly indicated as a required field.

WFD-161147 3763044 - When editing a certain template in the Data Import Tool, changes made in the Day 4 column were also displaying in the Day 19 column (and vice versa), even though the two columns were not linked.

WFD-161116 3763049 - In the Data Import Tool, a certain template appeared to have the Day 1 column indicated as a required field, which prevented the whole template from loading when an employee did not have a shift on Day 1 of their roster cycle.

WFD-160425 3758976 - Users could not save newly created Hyperfind queries.

WFD-159799 3730102 - When a Schedule Pattern was being imported using the Data Import Tool, the following error occurred: "Illegal time period type ... id=null, name=yearly"

WFD-159659 3735726 - The Retrieve Generic Data Access Profiles (`POST /v1/commons/generic_data_access_profiles/multi_read`) API operation did not show the correct request payload model in the Developer Hub.

WFD-159221 INC5107865 - The Create and Assign Adjustment Rule Version by ID (`POST /v1/timekeeping/setup/adjustment_rules/{id}`) API operation did not correctly apply the reporting service limit of 365 days, which caused time outs and performance issues when multi-year spans were passed.

WFD-159142 3633040 - When running the Security Audit Report for an Audit Type of Unknown User Login, the employee name and ID number were included in the User column.

WFD-157549 3681427 - Updated the documentation for the following API operations to indicate that they take the accept-translation header:

Retrieve Accrual Codes
`GET /v1/timekeeping/setup/accrual_codes`
Retrieve Accrual Codes by ID
`GET /v1/timekeeping/setup/accrual_codes/{id}`
Retrieve Timecard Add-On Columns
`GET /v1/timekeeping/setup/timecard_addon_columns`
Retrieve Bonus and Deduction Rules
`GET /v1/timekeeping/setup/deduct_rules`
Retrieve Bonus or Deduction Rule by ID
`GET /v1/timekeeping/setup/deduct_rules/{id}`
Retrieve Break Rules
`GET /v1/timekeeping/setup/break_rules`

Retrieve Break Rule by ID
`GET /v1/timekeeping/setup/break_rules/{id}`

Retrieve Comments
`GET /v1/commons/comments`
Retrieve Comments as Employee
`GET /v1/commons/comments/employee_comments`
Retrieve All Mapping Category Types or by Name
`GET /v1/platform/analytics/mapping_category_types`
Retrieve Mapping Category Type by ID
`GET /v1/platform/analytics/mapping_category_types/{id}`

Retrieve Paycode by ID as Manager
`GET /v1/timekeeping/setup/pay_codes/{id}`
Retrieve Paycodes—Manager
`GET /v1/timekeeping/setup/pay_codes`
Retrieve Full Paycode by ID—Manager
`GET /v1/timekeeping/setup/paycodes/{id}`
Retrieve Full Paycodes—Manager
`GET /v1/timekeeping/setup/paycodes`
Retrieve Paycodes—Employee
`GET /v1/timekeeping/setup/employee_pay_codes`
Retrieve Paycode by ID—Employee
`GET /v1/timekeeping/setup/employee_pay_codes/{id}`
Retrieve Paycodes
`POST /v1/timekeeping/setup/pay_codes/multi_read`
Retrieve Work Rules—Manager
`GET /v1/timekeeping/setup/work_rules`
Retrieve Work Rule by ID—Manager
`GET /v1/timekeeping/setup/work_rules/{id}`
Retrieve Work Rule by ID—Employee
`GET /v1/timekeeping/setup/employee_work_rules/{id}`
Retrieve Work Rules—Employee
`GET /v1/timekeeping/setup/employee_work_rules`

WFD-157526 3681516 - The Labor Data Export report, which was scheduled to run every day, was not running successfully as expected.

WFD-157022 3662468 - The Execute Hyperfind Query (`POST /v1/commons/hyperfind/execute`) API operation did not return re-hired employees accurately when the date range specified in the request payload overlapped with the terminated-and-rehired timeframe.

WFD-156180 03645091, 16651274 - When you tried to edit a cross-reference table (CRT), you could not access and edit the row at the bottom of the page. You could edit this row from a comma-separated values (CRT) version, but not from the Edit CRT page. Updates to table indexes resolved this issue.

WFD-155668 3623422 - When switching from one locale to another, some areas would have incorrect translations.

WFD-154419 3584971 - When exporting the User Interface for translation it always exported US English instead of using the selected locale.

WFD-153860 354,835,103,779,709 - When running a dataview, the Function Access Profile and Display Profile columns did not show the correct data.

WFD-152691 3548146 - The French login screen had some incorrect translations.

WFD-144256 3306449 - When viewing Activities data in the timecard, after zooming in using the browser zoom and then using the horizontal scroll bar, the selected line position was not maintained.

Scheduling

WFD-166589 - The Create Employee Time Off Request (`POST /v1/scheduling/employee_timeoff`) API operation returned an overly verbose rendering of the JSON object in an error response rather than simply specifying the name of the incorrect qualifier.

WFD-166485 16993210 - In the previous release, the error string "The state is an invalid change state:" was not translated to the language specified in the locale.

WFD-166047 16488468 - After an employee was terminated, there were still pay codes being displayed for the employee in the Resource Planner beyond the termination date.

WFD-165980 16900494 - After changing the time period in My Schedule, entries for approved time-off requests were duplicated.

WFD-165872 16875439 - The Retrieve Staffing Matrices (`POST /v1/scheduling/staffing_matrices/multi_read`) API operation returned an overly verbose rendering of the JSON object in an error response rather than simply specifying the name of the incorrect qualifier.

WFD-165814 16845274 - The Schedule Weekly Hours column did not appear in decimal format although it was configured to display in decimal format.

WFD-165710 16748682 - When making multiple time-off requests with different durations, the system retained the duration specified in the previous request and did not allow the user to specify a new value.

WFD-165408 16785259 - When attempting to access **Application Setup > Scheduler Setup > Location Settings > Location Profiles**, the error "A system error was detected. {propertyValue}" occurred. After creating a new Location Profile and attempting to save it, the error "The cache encountered an error while reading the information from the database - Cache: SETTING" occurred.

WFD-165363 16729342 - In Schedule Planner, if two schedule tags transversed a period end, users were unable to edit and save the schedule tag, and an error displayed.

WFD-165044 16704449 - The system displayed the error 'No active manager is available to receive the request.' when the employee’s Reports To manager had an Active status starting the same date as the request.

WFD-165038 16482257 - When an employee had two adjacent shifts and the manager right-clicked on the second shift and added a paycode with a start time of the second shift, and selected Overwrite Shift = Whole shift, the first shift was overwritten incorrectly, causing the incorrect shift to be removed.

WFD-164945 16654632 - Under certain circumstances, the Create Employee Schedule Pattern (`POST /v1/scheduling/employee_schedule_patterns/apply_create`) API operation returned a vague and unhelpful error message.

WFD-164603 16466738 - The Retrieve Schedule (`POST /v1/scheduling/schedule/multi_read`) API operation failed when the `excludeOvernightShiftsOnStartDate` property was set to 'true' and the request payload also referenced a symbolic period.

WFD-164484 16400781 - The date that was displayed for approved time-off requests was incorrect in the dataview.

WFD-164430 16501366 - In the Edit Paycode slider in the Schedule Planner, the Cancel and Apply buttons were in reverse positions than those on the Add Paycode slider.

WFD-164406 16441461 - When employees were scheduled for the correct number of contracted hours (Standard Hours), Schedule Rule Violations were incorrectly triggered in the system.

WFD-164252 16445269 - When trying to assign a schedule tag to an employee, the schedule tag popup window took an excessive amount of time to load.

WFD-164067 16327711 - When editing an employee's availability pattern for a single day using the copy/paste function, all the other days in that pattern were part of the edit.

WFD-163462 16298846 -In several of the Scheduling standard reports that were exported to Excel, the customer logo was incorrectly displayed in an enlarged format.

WFD-163328 5755168 - In some languages, the length of translated labels caused the buttons on the Time-off Request panel to become misaligned and overlapped. When the length of the translated label exceeded certain limits, the label was truncated with … instead of wrapping the label text within the button.

WFD-163234 16258304 - After changes were made to a Schedule Rule Set, the Audit Report did not provide information about what had changed.

WFD-163222 3822692 - The schedule and the timecard were inconsistent and did not match tch to show the same hours amount for Full Contract Day when using cascade pay code VACREQ D.

WFD-163075 3689950 - When clicking the Today button on the My Schedule tile, the system did not correctly translate to the user's local time from UTC. Depending on when the action was performed, this resulted in the calendar highlighting the previous day instead of the current day.

WFD-163064 4898167 - An Empty pattern template data access profile could not be edited or deleted and generated errors.

WFD-162774 3788958 - When an employee's time-off request was approved, the system did not correctly override the scheduled shift when the Default Symbolic Source specified in the request subtype was set to "Fixed".

WFD-162682 3820801 - In certain situations, the system displayed this error when deleting a team definition whose Quota Type was specified as Percent: "WFS-111403 - Team Definition consistency validation failed: The processing flag must not be set" This issue has been corrected and the error message has been updated for accuracy as: " Team Definition consistency validation failed: The system is updating the team definition. Try your operation again later".

WFD-162630 03820420, 05412280 - The system displayed this error when users edited scheduling contexts in Self-Schedule Request subtypes: "An unexpected non-SQL system error has occurred. Please contact your system administrator. The system log file may have more detailed information that will be required to troubleshoot this issue."

WFD-162611 3816327 - The Retrieve Location Profiles Option Set Assignments (`POST /v1/scheduling/location_profiles_option_set/assignments/multi_read`) and Retrieve All Location Profiles Option Sets or by Name (`GET /v1/scheduling/location_profiles_option_set`) API operations only returned a 'null' value for each Procedure's qualifier property.

WFD-162534 3796109 - When a Schedule Group was end-dated, the associated shifts were not deleted from an employee's schedule, resulting in multiple shifts being assigned to the employee on each day.

WFD-162452 03706542, 16381184 - When submitting a new request, the New Request dropdown field displayed only Time-Off and Leave request types. Other request subtypes, such as Request to Cover, were not displayed even in open visibility periods.

WFD-162303 3579548 - Users editing team definitions experienced a number of performance issues that interfered with updating team information, including: the Edit button was not always available; the Edit Team Definition panel was slow to open; once open, the panel did not immediately display employee and paycode profile information. These issues have been addressed in this release.

WFD-162295 3808978 - In the Schedule Planner, parts of the organizational path were displaying in the incorrect order when using the By Job view.

WFD-162294 3803006 - The displayed required headcount in the Daily Coverage Tab in Schedule Planner showied incorrect values after a change to Workload Planner Setup when the date range used in Schedule Planner included dates before and after the change

WFD-162154 3805973 - When using a forever date, such as 1/1/3000, to specify the end date for a visibility period, the system displayed “Any Date” in the Request End column on the Employee Visibility Periods page when the period was created; when editing that visibility period, the value of the Request Period was set to Any Date, and not the date that was entered.

WFD-162048 3799182 - When submitting an open shift request with the subtype specified for automatic approval, the system displayed the request status as “Information Submitted to Manager”. The system now displays “Your open shift request has been approved.”

WFD-162044 3801318 - When attempting to add, edit, copy, paste, or save shifts in the Schedule Planner, the following error occurred: “An invalid null parameter was detected.”

WFD-161701 3779257 - When managers added a shift to an employee’s schedule that caused the Maximum Hours per Week scheduling rule to be exceeded, they were incorrectly allowed to save the schedule even though the change caused a No Save rule violation.

WFD-161613 3784905 - The PDF version of the Location Schedule – Monthly report incorrectly repeated the first shift label on other open shifts that had various different shift labels.

WFD-161550 - The system displayed an error message when a manager took action on a request if a different manager was identified as the approver when the request was submitted. The system now re-evaluates the manager’s approver status and completes the action if the manager is determined to be an approver.

WFD-161327 3777950 - When the "Display Week Number" attribute was specified in the system configuration Locale Policy, the schedule did not include information for the first day of the week.

WFD-161321 3780308 - The French translation for “Full Day” introduced in a previous release was incorrect. “Complet” has been changed to “Complet·ète” to address this issue.

WFD-161242 03779650, 03790751 - In the Schedule Planner, a blank screen displayed after **Tools > View Hours of Operation** was selected, even though the Hours of Operation functionality was configured for the Schedule Planner.

WFD-161190 3756896 - When configuring Function Access Profiles for Scheduling, various control points, such as **Manager – Department Manager > Scheduling > Schedule Views > Hours/Volume Tab**, these control points did not control any functions.

WFD-161052 3728574 - When printing the schedule from My Calendar, transfer shifts showed the employee's primary location instead of the location of the shift to which they had been transferred.

WFD-161025 3763123 - In the By Job view in the Schedule Planner, moving employee shifts to another job location by dragging and dropping the shifts caused an "Employee not found" error to occur.

WFD-160969 3770350 - When attempting to access the Staffing Dashboard, the following error occurred that did not provide useful information:
"WFS-100000 Some Unknown Error Occurred. Error Details Not Available."

WFD-160756 3772627 - The Update Multiple Persons (`POST /v1/commons/persons/multi_update`) and Create or Update Persons `(POST /v1/commons/persons/multi_upsert`) API operations returned an HTTP status code 200 success response but failed to update the professionalShiftCodeName, also known as the Shift Template Profile.

WFD-160613 3745068 - My Calendar did not display Open Shifts unless the calendar was refreshed by selecting a different period from the Layers menu.

WFD-160515 3755786 - In Schedule Planner, the layout of cell information was improved so you can view the age of the employee (when flagged as a minor) and the job color assignment within the cell.

WFD-160284 03735914, 03759388 - Custom fields from the People Record were being populated with incorrect information in the Staffing Dashboard.

WFD-159926 03733999, 04915451 - Managers were unable to transfer both Business Structure and Labor Category in the Schedule Planner for a scheduled shift and instead received an error.

WFD-159852 3732561 - When an employee had a paycode edit and a shift on the same day, the indicators displayed for these events were misaligned on the calendar displayed on the Request Time Off panel.

WFD-159796 3732180 - When a self-scheduling period was opened for large numbers (8,000 or more) of employees, the system displayed this error to employees submitting self-scheduling requests:
"Database error during processing of task class
com.kronos.scheduling.shift.impl.shared.CommitShiftAgendaTask, Exception
:javax.persistence.OptimisticLockException"

WFD-159677 3725344 - There was a discrepancy between the Schedule Rule and Schedule Rule Override behavior, and users were unable to save changes to Schedule Rule overrides in the People record without adding the parameter 'Scheduled Hours Type to Exclude'.

WFD-159513 3730578 - An employee could choose an incorrect paycode in the Time Off tile due to a discrepancy in employee's Employment Term Pay Code Value Profile and what was assigned to them on the People Information page.

WFD-159309 3715253 - When an employee submitted an Availability Change request from the Manage My Schedule tile, the Availability Change panel did not show availability segment details when Show List was used to display requests on the panel.

WFD-158656 3713704 -For request subtypes that were configured using Enter Hours as “Start Time + Duration”, the Request Time Off panel displayed Start Hours instead of Start Time for the entry field label.

WFD-158437 03703255, 16277018 - After upgrading to Release 09.03.00, the Submission Date custom tag used to configure workflow notifications was unavailable.

WFD-158132 3684791 - When sorting between columns in Schedule Planner, employees were listed twice, when sorting between columns. For example, Scheduled Weekly Hours and then Name, etc.

WFD-157730 3689930 - In some cases, the Submitted On date displayed for time-off requests in Control Center notifications differed from the Created On date.

WFD-157715 3686664 - The Location Schedule - Weekly Report did not include days of the week where no employees were scheduled.

WFD-157448 3658823 - Manager Workflow Notifications displayed a duration of 0 hours when auto approval was selected in the Request Subtype for vacation paycodes, and no hours populated in Control Center.

WFD-157376 3645553 - When making bulk changes to Schedule Patterns, inaccurate information could be displayed if multiple employees have the same Schedule Pattern shifts and start/end dates.

WFD-157356 3617115 - Personal Hyperfinds created by delegates acting as Manager that were used to create Employee Visibility Periods (EVPs) did not display expected employees when setting the EVP submission period.

WFD-157242 3668247 - Control Center request notifications displayed incorrect values for Approver Name and Request Actor when a delegate acting as Manager approved or refused time-off requests, as summarized here:

- Approved
  - Approver Name: Delegate name
  - Request Actor: Delegator name
- Refused
  - Approver Name: <blank>
  - Request Actor: Delegator name

In all cases, the approver and request actor names now correctly reflect those of the delegate (the manager acting on behalf of the manager who has delegated their responsibility).

WFD-157137 3670519 - An error occurred intermittently when retrieving a shift template during Rotation Schedule template creation or editing. The error resulted from an Org Rule that contained references to a since-deleted skill & certification profile.

WFD-156848 3628859 - The Create Employment Term Schedule Pattern (`POST /v1/scheduling/employment_term_schedule_patterns/apply_create`) API operation returned a vague and unhelpful error message when the mandatory startDate property was omitted from the request payload.

WFD-156562 3546544 - Availability and availability audit entities were available for use in a Business Structure Dataview, which caused confusion. These items are no longer available.

WFD-156166 3639492 - When displaying a full 7-day week in the Schedule Planner, the pop-up that shows shift details did not display when you hovered the mouse over shifts for the last day in the timeframe.

WFD-156091 3636928 - The system displayed this error when adding a team definition:
"Error Database error during processing of task class com.kronos.scheduling.setupteamdefinition Exception:Org.springframework.dao.InvalidDataA"

WFD-154998 3151245 - The Cover Request Status History dataview displayed request to cover data incorrectly after the request expires:

- The Cover Request Status Change User column displayed the incorrect user (it should display “System”)
- The Cover Request Status Change Date column displayed the incorrect date/time the request expired (it should show the actual time the request became invalid)

- The Cover Request Status Changed To column does not initiate a notification to the employee that the request has expired

These issues have been addressed in this release.

WFD-154297 3545359 - In previous releases, the manager’s access to comments and notes on Availability Change and Shift Swap requests was incorrectly governed by the employee’s setting for the Comments & Notes Access Control Point (ACP). Managers can now access comments and notes for all request types to which they have access.

WFD-154210 3528674 - When an employee transferred in to a location from outside of the manager’s Employee Group/Organizational Set, the manager was unable to see the employee's Time Off Requests in Schedule Planner.

WFD-153251 - When an Employee Self-Service (ESS) request was approved and an employee schedule was modified based on the request, the break in the shifts that are part of the request were not automatically updated to match the employee break rule. See DSCHED-549 in What’s New for more information.

WFD-152959 3529983 - Managers did not have access to enter time off for employees in the Schedule Planner even though the Enter Time Off FAP was enabled for them. See DSCHED-591 in What's New for more information.

WFD-152807 3524931 - When the Call List was launched from the Schedule Planner, it was taking up to 30 seconds to load and performance issues continued to occur while using the Call List.

WFD-152578 3541797 - Under certain conditions, the Retrieve Employee Visibility Periods (`POST /v1/scheduling/setup/employee_visibility_periods/multi_read`) API operation failed to return the employeesHyperFindPeriods object in the response body when it should have been present.

Talk

WFD-167327 17176849 - In the UKG Talk Admin Dashboard, on the Content Moderation page, when admin users clicked to see All user-reported posts, no posts displayed regardless of how many posts users had flagged.

WFD-164940 16674274 - In the UKG Talk Admin Dashboard, when admins created groups in bulk with automation rules, the process failed with a Request Entity too large error.

WFD-164938 16674426 - Users were unable to log in to UKG Talk using their SeedUser admin account

WFD-164000 16370951 - The UKG Talk Boomi integration pack (CommunicationsExport_v1) was failing with a user not found error. This has been resolved in the iPack.

WFD-163726 16258990 - A script was created to be used in a customer's UKG Talk environment to remove custom fields added for a demo that were not needed for bulk group creation.

WFD-163004 4902337 - Changing the username in WFD caused a new hash/row to be generated in the person_hash table. This duplicate record resulted in failures in the lookup for document caches and caused the UKG Talk (Communications) iPack integration to fail.

WFD-162112 03793000, 03814301 - In UKG Talk, the rule automation group creation process was unexpectedly generating additional groups with names appended with random numbers.

WFD-160937 3764483 - In UKG Talk, when users added email addresses to a post on the mobile app, the links opened a browser URL instead of the expected mail client.

WFD-160241 3636811 - The settings for UKG Talk notifications displayed in English when French (Canada) was specified as the Display Language.

WFD-159475 372,289,903,775,337 - UKG Talk Boomi integration was failing with 502 errors on multiple tenants.

WFD-158558 3642216 - The Communications tile in UKG Dimensions displayed the label text User Post in English when French (Canada) was the current locale.

WFD-158276 3693464 - UKG Talk seed users with the Organizational Admin role were unable to create automation rules without getting logged out with a permissions error.

WFD-157928 3684662 - In the UKG Talk Admin Dashboard, when admin users defined automation rules, only two out of the three configured custom fields were available to use in a rule.

WFD-157797 3689358 - The UKG Talk Boomi integration pack (*CommunicationsExport_v1*) was failing with a 413 payload too large error because the payload value was set too low in the customer's environment.

WFD-157365 3634059 - The UKG Talk Boomi integration pack (*CommunicationsExport_v1*) failed to run when the Attribute Mapping Cross Reference Table was blank.

WFD-156323 365,336,503,645,676 - Translations in certain areas of UKG Talk (including chats and the Calendar app) were in Spanish when French (Canada) was specified as the Display Language.

Timekeeping

WFD-155486 - Error messages are improved for timekeeping and multi-assignment if employment term is inactive.

WFD-166720 17109074 - One specific employee with no unexcused absences did not appear on the perfect attendance dataview when the dataview was filtered to show employees with no unexcused absences.

WFD-166217 16965035 - The Bulk Import Paycode Edits (`POST /v1/timekeeping/pay_code_edits/import`) API operation incorrectly accepted combined paycodes in the request payload which generated a Callable Totalizer error. This operation now throws a descriptive error when combined paycodes are included in the request payload.

WFD-165782 16863347 - In the Dates configuration in Application Setup, you could create a date with the name “Date of Hire” which caused issues with other configurations such as Date Patterns. Now when attempting to create a date with this name an error message is received.

WFD-165045 16704364 - The Apply Updates to Accrual Balances for Multiple Employees (`POST /v1/timekeeping/accruals/updates`) API operation threw an HTTP status code 403 error and invalid error response details when a future-dated TERMINATED ONLY EMPLOYEE was included in the request payload.

WFD-165020 16666338 - In the timecard, when viewing the rule analysis there wasn’t a running overtime total for overtime rules that had the reset type configured to use “New week at specified time”.

WFD-165007 16693287 - For a specific employee, when selecting the Audits tab in their timecard, an ObjectRef error message was received.

WFD-164937 16514270 - When attempting an accrual payout in a signed-off period, the following error message was received:
"This edit cannot be made. The maximum taking limit for Vacation is [Hours 12.02].”

WFD-164753 16321579 - After a timecard was signed-off, a paycode in the Totals tab changed when the date range was changed (for example, from a range of dates to a specific day).

WFD-164442 16393298 - In Control Center, for missed punch exceptions, the Go To icon was inactive.

WFD-164240 6425939 - When editing an in or out punch in the timecard, overrides that were visible in the Audits tab did not appear in the Punch panel.

WFD-164167 16371575 - When sorting by the Historical Date column in the timecard Historical Corrections tab, dates were sorted alphabetically by the day of week instead of the actual date.

WFD-164164 16391208 - When attempting to configure and use the Timecard Save validation extension, after edits were made in the timecard and saved the following error was received: “The action failed. Try again.”

WFD-164073 1, 637, 454, 716, 978, 010 - The Attestation Audit Dataview and the Attestation Daily Detail report displayed incorrect Transaction Start and Transaction End dates for shifts that crossed the day divide. To address this issue, Attestation transaction start and end times are shown in UTC instead of the converted value of the employee’s timezone.

WFD-163729 16258586 - When an employee had a Scheduled Duration Paycode, totalization occurred in the timecard and some Unexpected Absences were added for future days.

WFD-163710 16345405 - When attempting to run a dataview for timecard audit data with a one year time period, the following error was received:
“Information Data within Comment Text, Datasource, Datasource - IP Address and 8 more columns cannot be retrieved. Contact your system administrator.”

WFD-163489 3732524 - After adding an in punch to an employee’s timecard for a scheduled shift, a bonus exception for a missed break was immediately, and incorrectly, applied.

WFD-163295 16269954 - When an employee was submitting a time-off request, a blank error message was received.

WFD-163220 3817155 - In the timecard, after entering a paid time-off scheduled cascading paycode for an employee that had an accrual balance, an error message was received indicating the edit could not be made because the accrual limit balance was overdrawn.

WFD-163057 5108131 - When editing and then saving the timecard for a specific employee, after the timecard was refreshed all of the edits were removed.

WFD-163009 03813244, 03823241 - When editing role attributes in People Information > Timekeeping > Manager Role-Assignments, after adding an Employee Group type under another Employee Group type with the same effective date, the following error was received: “Duplicate effective dates are not allowed.”

WFD-162806 3800916 - When attempting to undo or remove a moved amount in the Totals tab of the timecard, an error was received indicating the job could not be found or the user did not have access to the job.

WFD-162710 3800083 - The following global system setting did not have an impact on behavior and has been removed from the system:
`global.timekeeping.api.managers.access.payperiod.transferredemployee.check`

WFD-162671 3815986 - When the timecard for a specific employee was signed-off for the previous pay period, their vacation hours for Sunday through Monday disappeared.

WFD-162652 3779733 - For a specific date in an employee’s timecard, if a range of dates was viewed the punch appeared correctly, but if that specific day only was viewed then the punch was missing and a missed punch exception appeared.

WFD-162616 3813327 - When using the Switzerland German locale policy and editing a paycode definition, the separator in the paycode section (Multiplier) incorrectly appeared as a decimal instead of a comma and caused an error upon save.

WFD-162489 3818564 - When attempting to sign-off an employee's timecard, the following error was received: “Error: Previous sign-off has not yet completed”

WFD-162464 3780824 - Under certain conditions, the Modify Assignments for Multiple People (`POST /v1/commons/persons/assignments/multi_upsert`) API operation threw an 'Internal server error'.

WFD-162439 3808169 - When running a dataview with a symbolic timeframe, historical corrections were not showing.

WFD-162332 3799753 - When running a dataview that included the Worked Span entity, a shift that crossed the day divide and contained a work rule transfer did not show correctly.

WFD-162151 3777420 - In the timecard, after adding an in punch and then an out punch for a shift that exceeded 10 hours, the following error was received: "A System Error was encountered during CT Call."

WFD-162107 3799250 - When selecting a hyperfind that contained the condition "Total Paid Hours Worked", the results incorrectly counted paid hours for shift hours that crossed the day divide on the last day of the pay period.

WFD-161993 3688200 - When viewing totals in an employee’s timecard, different totals appeared when different timeframes were selected.

WFD-161837 3795790 - After assigning a future-dated job transfer set to an employee that had a current job transfer set, when the employee attempted to perform a business structure transfer, no options were available in the search.

WFD-161707 3789951 - When viewing the timecard in the mobile application or with a mobile browser, comments could not be added to any timecard exceptions.

WFD-161692 3787085 - When adding an out punch (with meal break attestation) using the Punch tile, the following error was received: “This task has failed runtime validation and cannot be completed. Refer to online help for more information.”

WFD-161661 3787685 - When an employee had pending timecard changes, they were not able to use any of the buttons on the Punch tile and they received duplicate punch error messages.

WFD-161244 3773960 - When running a dataview with columns from the Accrual Balances by Day entity, values were rounding to the nearest whole number and did not display the actual balances.

WFD-161227 3764219 - The Retrieve Absence Spans (`POST /v1/timekeeping/absence_spans/multi_read`) API operation did not properly filter spans from the response and, as a result, unexpected spans were being returned in response data.

WFD-160924 3740915 - A homepage tile with a chart was created from a dataview that contained a chart and used 9/80 data. Even though both charts used the same parameters, the chart in the tile did not display the same results for individual dates as the dataview did, but instead combined all dates into one result.

WFD-160831 3770418 - The Update Timecard as Manager (`POST /v1/timekeeping/timecard`) API operation threw an HTTP status code 500 Internal Server Error when an invalid Labor Category string was passed in the request payload. The operation now throws the correct HTTP status code 400 error.

WFD-160774 3760530 - When running an event from Event Manager and then viewing the Batch Job List, after 20-30 minutes the status of the job was failed.

WFD-160656 3757253 - When attempting to open the Generic Data Access Profiles page in Application Setup, the page took a long time to load. After the page loaded, existing profiles could not be opened or edited.

WFD-160377 3752202 - When opening an employee’s timecard from People Information, the following error was received: “A System Error was encountered during CT call.” In addition, 14 employees were excluded from totalization, even after being resubmitted.

WFD-159952 - Previously, the system did not accurately calculate minutes worked for actual punches if the shift had a previous system-generated out-punch based on a missed punch round rule. A new attribute for the Minutes Worked Attestation condition, Include Completed Shifts, allows the system to ignore shifts that were marked as completed because of a system-generated out-punch.
See TKEEP-772 in What's New for more information.

WFD-159929 3741242 - When attempting to add an Employment Term from a dataview with a custom time range selected, the following error was received: “Unknown error. Contact your system administrator.”
Also, when attempting to remove an Employment Term an error message was also received.

WFD-159903 3735051 - When editing role attributes in the Multiple Manager Role section of People Information, edits for the active date effective row were incorrectly available for some managers if the date format was DD/MM/YYYY.

WFD-159689 3684864 - The Revision User Function Access Profile for an employee was incorrect in the Time Audit Report.

WFD-159524 3730794 - The "Correction saved without access" comment appeared on the Comment menu in Schedule Planner even though the option was disabled in System Settings.

WFD-159522 3719916 - The options on the Go To menu were different in the timecard, schedule planner, and People Information.

WFD-159114 3718140 - In a dataview, the variance was not shown in the Rounding Rule Variance column when there was a difference between the values.

WFD-159107 3683476 - In a dataview and in the timecard Audits tab, information in the Application column was missing for some punch items.

WFD-157525 3687331 - When adding employment terms for an employee through a group edit, the details of the employment terms were not reflected when viewing the timecard (for example, holidays were not shown).

WFD-156981 365,313,603,726,826 - When editing a punch in the timecard of four specific employees, the following error was received: “A System Error was encountered during CT Call.”

WFD-156941 3632847 - The Payroll Based Journal (PBJ) meal break system setting did not work when there was a short break configuration.

WFD-156839 3654124 - The Retrieve Pay Period Timespans (`GET /v1/commons/pay_period`) API operation would incorrectly throw an error when valid pay periods existed and should have been returned in the response.

WFD-156546 3627386 - An employee that was eligible for two bonuses did not receive the first bonus because the in punch for the end of their second break occurred after the day divide.

WFD-156532 3662567 - When running a dataview with the Previous Pay Period, Current Pay Period, or Next Pay Period symbolic timeframes, the following columns all incorrectly returned a value of 1:

- TK_ACTUAL_PAYPERIOD_NUMBER
- TK_ACTUAL_PAYPERIOD_NUMBER_EXCLUDE_CORRECTIONS
- TK_ACTUAL_PAYPERIOD_NUMBER_ONLY_CORRECTIONS

WFD-156466 3558096 - When running a dataview, the timezones for data in the Revision Date from Audit Entity and the Punch Update Time from Audit Timekeeping Entity were not the same and resulted in data displaying incorrectly.

WFD-133627 3108618 - When an employee had a Carryover limit, Earning Adjustment, Grant, and FTE Percentage change all occur on the same day the earning adjustment was incorrectly triggered.

WFD-118494 3405523 - Multiple pay rule change events occurred within the same pay period.

UDM

WFD-166350 16993578 - When a user attempted to create a new device group, an error message displayed. The issue has been fixed and new device groups can now be created.

WFD-165340 16726261 - The Fix Missing Punches softkey produced a Remote Service Unavailable error when the user responded "Yes" to correct a missing punch. The issue has been resolved.

WFD-164994 16665506 - When a user attempted to add a new device, an Unhandled Exception error displayed. The issue has been resolved.

WFD-163941 16351454, 17002894 - Users were unable to use the Device Dashboard > Groups view to add or remove devices with the Assign Devices dialog because the device list failed to populate. The issue has been resolved.

WFD-162761 382, 759, 216, 997, 038 - The **Labor Categories > Default Value** options in the **UDM > Configurable Transactions** workspace failed to populate when the Application Configuration > Labor Assignments tab included a Labor Category Profile assigned to a System List. The issue has been resolved.

WFD-161305 3780809 - If either of the following conditions are met, a device group cannot be deleted:

- An employee assigned to the device group does not have an assigned badge.
- An employee assigned to the device group has an expired badge.

WFD-160359 3755377 - Kronos 4500 devices were failing to be updated or initialized. The issue has been resolved.

WFD-160030 3729794 - A punch was incorrectly adjusted due to an inaccurate DST calculation. The issue has been fixed.

WFD-159401 3726057 - The "Last communication" column in UDM was displaying "invalid date" instead of the date and time. The issue affected all devices. The issue has been fixed.

WFD-153030 3555844 - When launching devices, a UDM tab erroneously displayed the UKG logo for an ADP tenant. The issue has been resolved.

UltiPro

UltiPro WFD-161056 3773908 - For the Pro to Dimensions payroll integration, confusing errors were generated when no paycode mappings were defined. Messages have been updated to supply more information about when users need to map paycodes.

Known Issues

There are no Known Issues in this release.

International and customization considerations

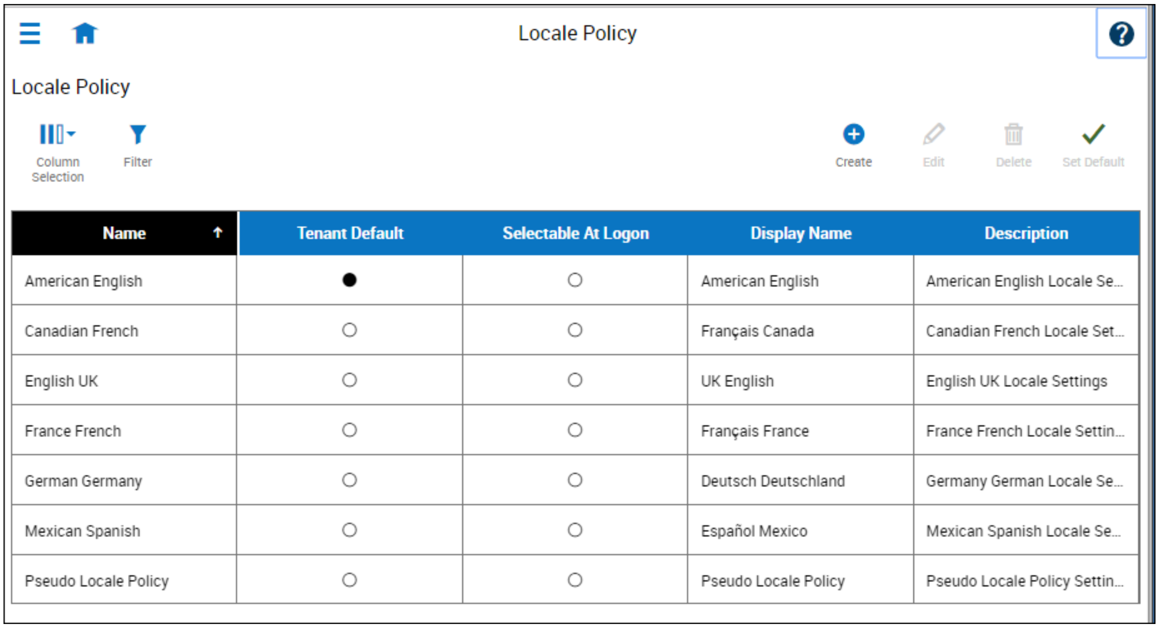
Besides US English, UKG Dimensions provides translation of the application into the following additional languages:

> **Note:** UKG Dimensions supports Czech. However, the Kronos 4500 device, which is compatible with UKG Dimensions, does not support Czech.

- Chinese (Hong Kong) also called Traditional
- Czech
- Dutch (Netherlands)
- English (UK)
- English (US)
- French (Canada)
- French (France)
- German (Germany)
- Japanese (Japan)
- Polish
- Spain (Mexico)
- Spain (Spain)
- Swedish (Sweden)

To change the user interface to one of these languages:

1. Go to **Administration** > **Application Setup** from the Main Menu.
2. From the Application Setup page, select **System Configuration** > **Locale Policy**. The **Locale Policy** page contains regional settings (language locale, date format, number format, and currency format) that can be assigned as the tenant default or to individual users. The users' settings take precedence over the default setting for the tenant default settings. Users see the user interface in the language and regional settings assigned to them in their locale policy. The locale policy is assigned to users in **People Information**.



Name	Tenant Default	Selectable At Logon	Display Name	Description
American English	●	○	American English	American English Locale Se...
Canadian French	○	○	Français Canada	Canadian French Locale Set...
English UK	○	○	UK English	English UK Locale Settings
France French	○	○	Français France	France French Locale Settin...
German Germany	○	○	Deutsch Deutschland	Germany German Locale Se...
Mexican Spanish	○	○	Español Mexico	Mexican Spanish Locale Se...
Pseudo Locale Policy	○	○	Pseudo Locale Policy	Pseudo Locale Policy Settin...

3. To change the default setting, select one of the listed languages in the **Tenant Default** column.
4. To have one or more languages selectable from the logon page, select the applicable languages from the **Selectable at Logon** column.

   Users can then change their locale profile by clicking one of the options on the logon screen. The new locale profile is valid only during the logon session.
5. To assign different languages for people to select at logon:
   a. Go to **Maintenance** > **People Information** from the Main Menu.
   b. Select **Access Profiles** and then select a Locale Policy from the **Locale Policy** drop-down list.

Translation and customization

In addition to the translations provided, you can translate and customize the user interface using a language or terminology that is familiar to your users. From the Translation Support - Locale Support page, you can:

- Extract, customize and import text strings used by the user interface.
- Extract the text strings to Excel.
- Extract text strings from selected domains of the product (for example, Timekeeping, Scheduling).
- Extract text strings in their context (for example, exceptions).
- Use find and replace functionality when editing individual property files.

For example, you want to change the name of "Employee Timecards" to "Associates Timecards."

1. On the Translation Support - Locale page:
   a. Select **English** as the baseline language and specify the **United States** as the country.
   b. Select the **Timekeeping** domain and then select the **wtk_web-timekeeping_timecard_strings.properties** group.
   c. Click **Export**.
2. Open the downloaded **en_US.xls** file and locate the **html5.timecard.pages.title** key, then enter **Associates Timecards** in the TRANSLATED_VALUE column and save the file.
3. On the Translation Support - Locale page, click **Import**, then click **Choose File** and locate the **en_US.xls** file in the download folder. Click **Upload**.
4. Navigate to the Employee Timecards page, and verify that the title is now Associates Timecards.

Translation Language setting

The **Language** drop-down on the *Translation - User Interface* page and on the *Translation – Setup Data* page includes all languages, enabling you to select any language as the baseline and ensures that the UI will be 100% translated.

Implementation considerations

Because UKG Dimensions is hosted in the cloud, implementation considerations are minimal, but you should be aware of the following.

- UKG Dimensions device-specific support on page 122
- UKG Dimensions supported data-collection devices (terminals) on page 123
- Implementation considerations on page 122
- Homepage wallpaper on page 124
- Enhanced Branding Capabilities on page 124

UKG Dimensions device-specific support

UKG Dimensions can be accessed through browsers on desktop and laptop computers as well as through tablets and mobile devices such as smartphones.

Desktop requirements

	CPU	Memory
Recommended for best performance	4 Core Intel i7 2.3GHz or equivalent	16 GB
Minimum	2 Core Intel i5u 1.9GHz or equivalent	4 GB

Browser support by operating system

Browser	Windows 7	Windows 10/11	OSX	iOS	Android
Microsoft Edge (HTML)*		✓			
Microsoft Edge (Chromium)		✓			
Internet Explorer 11*	✓	✓			
Chrome	✓	✓	✓		✓
Safari			✓	✓	
Firefox	✓	✓			

For these browsers, "https://.mykronos.com" must be added to the browsers Trusted Sites setting.

Mobile app: minimum operating system support

- **Android OS**
  - Phones and tablets with Google Services support version 6 or greater
  - Zebra devices (TC51/TC52) with Google Services Support version 6 or greater
- **iOS**
  - iPad and iPhone: iOS version 12 or greater
- **iPadOS**
  - iPadOS version 12 or greater

UKG Dimensions supported data-collection devices (terminals)

UKG Dimensions supports the following devices:

Device Type	Part Number	Minimum Software/Firmware required
Kronos 4500*	8602000-xxx	Not supported
Kronos 4500*	8602004-xxx	02.03.16 - 2.X.X**
Kronos 4500*	8602800-0xx through -499	02.03.16 - 2.X.X**
Kronos 4500*	8602800-500 through -999	03.00.18, 03.00.20 and greater (03.00.19 is not supported)
Kronos InTouch 9000	8609000-xxx	02.02.02 and greater
Kronos InTouch 9100	8609100-xxx	03.00.02 and greater
Kronos InTouch DX	8610000-xxx	All versions

* The Kronos 4500 devices do not support the Gaming solution.
Also note that while UKG Dimensions supports Czech, the Kronos 4500 device, which is compatible with UKG Dimensions, does not support Czech.

**Server Initiated Communication via VPN Required.

Note: For customers migrating clocks from UKG Workforce Central to UKG Dimensions, it is required to update the clock to the latest version of Firmware that is available.

Accessibility support in UKG Dimensions

You can access most features of UKG Dimensions using low vision accommodations, the keyboard, and common screen readers. Supported screen readers are JAWS (with Chrome browser) and NVDA (with

Firefox browser) on Windows, and VoiceOver (with Safari browser) on MacOS and iOS. The online help includes component-specific guidelines.

For more specific component information, refer to the MasterTopics > Accessibility > Accessibility help topic.

Homepage wallpaper

Change the homepage wallpaper – you can now change the background image which appears on the homepage.

From the Main Menu, and **Administration > Application Setup > Common Setup > Branding**, the following default value has been added:

Wallpaper – The Wallpaper will support a maximum file size of 1 Mb. There is no maximum height or width. The supported file types are JPG and GIF.

Enhanced Branding Capabilities

In addition to adding a logo and wallpaper background image, companies can now customize the colors used in the Main Menu as well as the page header. Specifically, the UI branding functionality (**Administration > System Settings > Common Setup > Branding**) has been enhanced for the following:

• Main Menu – Administrators can change the background color and label color. They can also change the label color when the user's mouse hovers over it and when the user selects it.

• Header – Administrators can change the color of the background, text, and icons as well as the color of the icon when the user's mouse hovers over it or selects it. They can also change the color of disabled icons and the color of the number of notifications.