



Release Notes



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Chapter 1

Plant Applications 8.1

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Release Notes

This topic provides a list of product changes released for Plant Applications.

Application-Wide Changes

Table 1: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
<p>You can now access the help content at https://www.ge.com/digital/documentation/proficy-plant-applications/index.html instead of https://apps-docs.predix.io/en-US/manufacturing_solutions. The new portal offers:</p> <ul style="list-style-type: none"> • A single point of access for documentation related to all GE Digital products through https://www.ge.com/digital/product-documentation. • Access to multiple versions of documentation: <ul style="list-style-type: none"> ◦ 8.1 ◦ 8.0 • A comprehensive list of documentation for various products, categorized in three sections: Predix Platform APM and OPM Manufacturing and Digital Plant 	<p>US385911</p>
<p>Plant Applications now supports multiple labor types for improved labor tracking. You can perform the following tasks:</p> <ul style="list-style-type: none"> • In the Route Editor application, you can specify the applicable labor types for an operation, and then select the default labor type. • In the Unit Operations application, you can change the labor type and access the labor type for the operation that is currently clocked on. • In the Work Queue application, you can change the labor type when clocking on to one or more serials/lots and view the currently clocked-on labor type. • In the Work Order Manager application, you can view the labor type for each operation. 	<ul style="list-style-type: none"> • F46623 • F46340
<p>Plant Applications now supports the import and production on non-serialized materials. To facilitate this enhancement:</p> <ul style="list-style-type: none"> • In the Work Queue and Unit Operations applications, you can complete a work order on non-serialized materials. • In the Non Conformance application, you can create a non-conformance and specify the disposition type for a non-serialized material. 	<ul style="list-style-type: none"> • F45281 • F41259 • F45347 • F37756 • F32757
<p>You can configure the number of hours for collating and displaying the data for an application. You can also set the frequency with which the data on an idle page is refreshed in an application. This feature is available in the following applications:</p> <ul style="list-style-type: none"> • Activities • Downtime • OEE Dashboard • Process Orders • Waste <p>Note: This configuration is not available for Analysis and My Machines applications.</p>	<p>US382326</p>

Description	Tracking ID
The My Machines application, along with all other process applications, now supports the Spanish language.	US357612
<p>Previously, the date and time format was not consistent across Plant Applications. Now, the date and time is displayed in the format mm/dd hh:mm or dd/mm hh:mm, based on the localization settings. When you hover over the date and time, the complete date and time appears on the tooltip, in the format mm/dd/yyyy hh:mm:ss or dd/mm/yyyy hh:mm:ss.</p> <p>Note: The time is displayed in the 24-hour format.</p> <p>In the Downtime and Process Analyzer applications, and also in the Comments section of all the applications, the date and time format is dd/mm hh:mm:ss or mm/dd hh:mm:ss based on the localization settings.</p>	<ul style="list-style-type: none"> • US382326 • DE133441
The discrete applications now support four new languages: Chinese, Vietnamese, Czech, and Arabic.	F34937

Table 2: Known Issues and Limitations

The following issues are unresolved in this release.

Description	Tracking ID
You can perform barcode scanning only using the front camera.	US414068
Some strings, such as the labor types, are not translated to the supported languages.	DE126257
<p>The following strings in the properties common component are not translated to the Arabic and Vietnamese languages:</p> <ul style="list-style-type: none"> • Search placeholder • Column-chooser tool tip • Column-chooser header 	DE126313
<p>If the translation for a dialect is not available, the basic dialect of the language is considered. If the basic dialect of the language is not available, English is used. For example, if French Canadian (fr-ca) is not available, French (fr) is used. If French is not available, English is used.</p> <p>Note: For Chinese, if a dialect is not available, simplified Chinese (Zh-CN) is used instead of Chinese (Zh). If simplified Chinese is not available, English is used.</p>	DE135417
The RabbitMQ service stops when you run the Message Bridge installer.	DE135853
<p>When Proficy Historian is integrated with Plant Applications, if the connection name matches the server name in Plant Application Administrator, not all the Historian tags appear in the Analysis application in Plant Applications Web Client.</p> <p>Workaround: Provide a connection name other than the server name.</p>	DE136619
While accessing Plant Applications in an iPad, tapping on an application icon in the left navigation pane leaves an impression on the screen.	DE137456
While accessing Plant Applications in an iPad, the scroll bar is not visible in the left navigation pane.	DE137472
<p>While accessing Plant Applications in an iPad, when we add comments to a serial/lot or a work order, the comments are not reflected.</p> <p>Workaround: Refresh the page or navigate to other tab to get the data displayed.</p>	DE137491

Description	Tracking ID
Operations Hub Posting Utility fails to run when the UAA script could not run successfully.	DE137598
When you upload a large file of 25MB or more, an error message may appear though the file is uploaded. Check whether the file is uploaded, and retry if it is not uploaded.	DE137313
When installing Plant Applications, the installer cannot validate the Zookeeper client port and node.	DE137029
The following error message, which appears when no paths are configured on a production line, is not translated; it appears only in English: No execution paths configured.	DE136382
In the process applications, when you select a column from the bottom of the list using the column chooser, the control automatically scrolls back to top.	DE137913
An error message appears on installer after docker trusted registry (DTR) check, even when the DTR input is correct.	DE136899
The date and time format in the Analysis application is not consistent with other process applications.	DE135091
<p>The following list of stored procedures are not decrypted even after the Plant Applications installation.</p> <ul style="list-style-type: none"> • spNISI_GetCommandTimeout • spS95_FetchMCAs • spS95_FetchMPAPs • spS95_FetchMPAs • spS95_IncrementalProductionPerformance • spS95_ProductionScheduleDownload • spS95_UpdateIncrementalSubscriptionUpload • spS95_UploadGateKeeper 	DE133781
<p>When you use an invalid or a self-signed SSL certificate and access Plant Applications using https, the loading time is high because the static assets files are not cached in the Chrome browser. You must have a valid certificate so that the browser can cache the files and the loading time is reduced.</p> <p>This is a Chrome browser issue. For more information, refer to https://bugs.chromium.org/p/chromium/issues/detail?id=110649#c8 and https://helpx.adobe.com/experience-manager/kb/cache-problems-on-chrome-with-SSL-certificate-errors.html</p>	DE128859

Description	Tracking ID
<p>The Web Client installer displays a message, stating that the user and client creation failed even though the user and client are created successfully.</p> <p>Note: Sometimes this message is spurious, and you can ignore it. However, if you have seen this message, and after installation, when you try to log in into Web Client with the user credentials, you get an error message that user does not exist, perform the following steps.</p> <p>Workaround:</p> <ol style="list-style-type: none"> 1. Log in to Web Client installed on the Linux server. 2. Run the following commands: <ol style="list-style-type: none"> a. <code>\$sudo docker service scale uaa_uaac=0</code> b. <code>\$sudo docker service scale uaa_uaac=1</code> 	DE137790
<p>After upgrading Web Client from 8.0 or 8.0 SIM2, the following error message appears when you upload a document in Route Editor: 503 service unavailable. This issue occurs only if you are have installed Web Client using Docker.</p> <p>Workaround:</p> <ol style="list-style-type: none"> 1. Log in into the Linux machine on which you have installed Web Client. 2. Go to the installer folder, and run one of the following commands: <ol style="list-style-type: none"> a. If the Installer and the Web Client are on the same node, run: <code>\$/<your path>/wcinstaller/path/sudo ./wcrepair.sh -l -pkey reset</code> b. If the Installer and the Web Client are on different nodes, run: <code>\$/<your path>/wcinstaller/path/sudo ./wcrepair.sh -r -pkey reset</code> 3. Enter the Web Client installation details when prompted. 4. Once the control returns to the command prompt, access Web Client and try to upload the document again in Route Editor. 	DE137434

Activities

Table 3: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
You can now access the trend of variable data with the array data types.	US372417
You can now modify values of variables only if you have the required security privileges.	US366081

Description	Tracking ID
<p>When you access variable data, you can now switch between the specification limit view and the quartile view. By default, the specification limit view is selected. If, however, you have switched to a different view, the same view appears when you later access the application.</p> <p>Note: If you have specified a variable alias, by default, the data appears in a two-column view, displaying the variable alias and the value. If you have not specified a variable alias, by default, the whisker chart appears.</p>	US366078
<p>If you are in the process of adding or modifying the values of the autolog variables, and the system goes offline, you can continue to add or modify the value of the variables. However, the autolog sheet is updated only when the connectivity is restored.</p> <p>Note: When the system is offline, you will not have access to the rest of the Web Client applications.</p>	US326624

Table 4: Known Issues and Limitations

The following issues are unresolved in this release.

Description	Tracking ID
<p>When you edit an event from the previous day and change the end time to current time, the activity does not appear in the current day selection. Also, the Time Due, Due In values for that activity are not updated.</p>	DE111007
<p>When you add new columns using the column chooser, the columns appear anywhere on the grid without any consistency.</p>	DE123186
<p>If you are not an administrator, you cannot view a variable comment in the autolog history page if the time mentioned in the Edit Past Activity site parameter has lapsed.</p>	DE126524
<p>The following strings appear in English irrespective of the language you have chosen for Plant Applications Web Client in the language settings of your browser:</p> <ul style="list-style-type: none"> • Choose Unit • Select View • You have denied the camera permission, video stream cannot be fetched. • Connection lost. Page will be auto enabled once connection is restored. 	DE137035
<p>If you are accessing Plant Application Web Client in the Arabic language, the numerals in the date field appear in Arabic digits instead of Latin digits. However, the numerals in the duration field appear in Latin digits.</p>	DE135222
<p>When you select an activity, the current page of the activity is not retained.</p>	DE135951
<p>When you modify column settings (sorting, filtering, or adding/removing a column) and navigate to another page and then come back, the column settings may not be retained.</p>	DE136409
<p>You cannot edit or delete the general activity comments when your user name case is different in Plant Applications Administrator and Operations Hub.</p>	DE137824
<p>Spec colors are not being displayed for array type variable in Autolog History.</p>	DE137931

Analysis

Table 5: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
When you disable OEE aggregate in Plant Applications, plotting KPI parameters takes more than four minutes.	DE47779

Approval Cockpit

Table 6: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
A new application, Approval Cockpit, has been added in Plant Applications Web Client. Using this application, you can perform the following tasks: <ul style="list-style-type: none">• Configure approval workflows for action events.• Automatically execute approval workflows for action events• Track the status of approval workflows.	F49376

Reports

Table 7: Known Issues and Limitations

The following issues are unresolved in this release.

Description	Tracking ID
The Path option in the Group By drop-down list box is disabled.	DE136341

My Machines

Table 8: Known Issues and Limitations

The following issues are unresolved in this release.

Description	Tracking ID
When you do not have any preferred machines selected from the My Machines application, instead of displaying blank screens, the preferred machines display data that is driven by PA security as follows: <ul style="list-style-type: none">• If you have the admin access level in the administrator group, you will get all the available units as preferred Machines and data from those machines appears.• You will get all the units on which you have write access and data from those machines appears.• You will get all the units from sheets that do not belong to any security group and data from those machines appears.	DE135908

Process Orders

Table 9: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
When you create a process order and use the forward slash character (/) in the process order name, an error occurs.	DE131659
A new application, Process Orders, has been introduced. Using this application, an operator or supervisor can monitor the progress of process orders. Active process orders track actual production and quantities against process orders, and display remaining quantities, planned quantities, planned start times, and planned end times.	F47418

Table 10: Known Issues and Limitations

The following issues are unresolved in this release.

Description	Tracking ID
When you import a process order from ERP, the control type of the process order is null, and you cannot change the status of the process order. The status changes only when it is automatically promoted. Work Around: To change the status of the process order, edit the process order and select a control type.	DE136200
When a process order that has the start date earlier than the current date, is completed, it does not appear in the Closed section when View by is set to Last 8 hours .	DE137274

Configuration

Table 11: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
A new application, Configuration, has been introduced. Using the application, you can perform the following tasks: <ul style="list-style-type: none"> Show or hide the default tabs in the Work Queue or Unit Operations application. Create custom tabs and add them to the Work Queue and Unit Operations applications. Configure the information that will be displayed when you select the custom tabs in the Work Queue or Unit Operations application to which you have added the tabs. Configure and integrate an external service as a PRE or a POST call with an action performed in the integrated application. Define custom validation checkpoints for record quantity for non-serialized lots, clocking on, clocking off, and completing an operation. 	<ul style="list-style-type: none"> F42939 F41239

Downtime

Table 12: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
<p>When a downtime event is split, the information that appears in the Reason column of the Downtime application is based on the configuration set in the CopyPaste Type site parameter in Plant Applications Administrator.</p> <p>For example, if the CopyPaste Type site parameter in Plant Applications Administrator is set to Reason only, the fault does not appear in the Reason column of the Downtime application.</p>	<ul style="list-style-type: none"> US377022 US377023

Table 13: Known Issues and Limitations

The following issues are unresolved in this release.







Description	Tracking ID
While accessing the Downtime application in an iPad, in the Add Downtime Event page, the END TIME field is enabled by default.	DE137358
While accessing the Downtime application in an iPad, in the Add Downtime Event or Add NPT page, the REASONS and ACTIONS fields are not aligned properly. Also, you may not be able to provide start and end times.	DE137455

Non Conformance

Table 14: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
<p>In addition to the serial/lot, non-conformance, work order, and disposition plan, you can now search for defects for a material or material family. The search results are categorized as open and closed defects, and grouped by the non-conformance. In addition, the following columns have been added to the table, the General section, and the History section in the Non Conformance page:</p> <ul style="list-style-type: none"> MATERIAL MATERIAL FAMILY MATERIAL DESC 	F45644
<p>In addition to serialized products, you can now use Non Conformance to dispose non-serialized products. While disposing a non-serialized product, you can specify the quantity of each product that you want to dispose. To facilitate this enhancement, a new column, QTY, has been added to the Non Conformance page. For a non-serialized product, this column displays the available quantity of the lot on which the defect has been created. For a serialized product, the value in this column is always 1.</p>	F41259
<p>The list of defects in the Non Conformance page are no longer grouped by the non-conformance by default. If you want to group the defects by the non-conformance, you can drag the NC column to the workspace heading.</p>	US388635

Description	Tracking ID
<p>The ADDITIONAL INFORMATION box in the Disposition window and the FULL DESCRIPTION box in the Select Serial/Lot window now contain a rich text editor, allowing you to apply formatting to the text that you enter.</p>	<ul style="list-style-type: none"> • US388029 • US385494 • US374662 • US370807
<p>Previously, when you accessed a defect, the defect information and history appeared as options after you selected . Now, these options appear as tabs in the workspace, named General and History, respectively. In addition, you can now access the list of dispositions of the associated non-conformance. To facilitate this enhancement, a new section, Dispositions, has been added to the workspace.</p>	<ul style="list-style-type: none"> • US382425 • US377348 • US374833
<p>If a defect does not contain additional information, the VIEW column in the History section is blank (instead of displaying .</p>	US381125
<p>A new status indicator, Planned () has been added to the list of defect statuses. This status indicator appears when the disposition method is Rework or CTP and the serial/lot has reached the operation specified in the USE UNTIL/REWORK OPERATION box. In addition, the status indicator for a defect in the Submitted status now appears in red color () instead of green (.</p>	US380660
<p>The  button, which was previously used to clear the search results, has been replaced with a Clear All button, and has been moved to the left pane.</p>	US374390
<p>When you add or remove a serial/lot from a disposition plan, it is now captured in the defect history.</p>	<ul style="list-style-type: none"> • US374388 • US370808 • US358576
<p>When searching for a defect, if the value that you have entered does not match a serial/lot number, non-conformance number, work order number, plan number, material name, or material family name, an error message appears, indicating the same.</p>	<ul style="list-style-type: none"> • US374384 • US368587
<p>The hierarchical list of reasons that appear in the DEFECT REASON box in the Edit Non Conformance window now appear based on the defect type instead of the non-conformance type.</p>	<ul style="list-style-type: none"> • US374382 • US370804 • US368583
<p>When you specify the Continue-to-Process (CTP) disposition method, if there are no future operations for the serial/lot, a message appears in the USE UNTIL/REWORK OPERATION box, indicating the same.</p>	US371092
<p>The following columns have been removed from the table and the History section in the Non Conformance page:</p> <ul style="list-style-type: none"> • SUMMARY • DISP STATUS • DEFECT TYPE • NC MODIFIED BY • NC MODIFIED ON • PLAN MODIFIED BY • PLAN MODIFIED ON 	US370941


Description	Tracking ID
In the Non Conformance page, if you select  for the entry that is currently selected in the left pane, the entry is removed from the list, and the workspace displays search results for the next entry. If, however, there are no entries next to the selected one, the search results are displayed for the previous one.	<ul style="list-style-type: none"> US370803 US358395
<p>The following columns in the table in the Non Conformance page appear as links:</p> <ul style="list-style-type: none"> SERIAL/LOT# PLAN MATERIAL Material Family Product Code Non Conformance <p>When you select a link, the entry is added to the left pane, and all the defects associated with the entry appear in the workspace.</p>	<ul style="list-style-type: none"> US368588 US355329
You can now specify Material Review Board (MRB) as one of the disposition methods, which you can use to defer the disposition to a later date, thus allowing the material review board in your organization to determine the correct disposition plan. To facilitate this enhancement, the SELECT DISPOSITON box in the Disposition window contains a new option, MRB .	US365048
In the Non Conformance page, when you filter the records or add or remove columns from the table, the changes persist after you refresh the page or log in to the application again.	US355276
You can now view the status of a defect for each serial/lot. To facilitate this enhancement, the STATUS column has been added to the table and the History section in the Non Conformance page.	US348217

Table 15: Resolved Issues

The following issues, which existed in one or more previous releases, have been resolved.

Description	Tracking ID
Previously, when you removed a defect from a disposition plan, you could not dispose the plan. This issue has been resolved.	<ul style="list-style-type: none"> US370799 US368582 US359290

Property Definition

Table 16: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
<p>Using the Property Definition application, you can now:</p> <ul style="list-style-type: none"> Create, edit, or delete a property category. Create, edit, or delete a property group for a selected category. Filter properties based on the selected category and group. 	F46452

Unit Operations

Table 17: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
When you click on a serial/lot, you can now select a labor type from the ones configured for the associated operation in Route Editor. To facilitate this enhancement, when you access an operation, a drop-down list box appears, displaying the list of values selected in the LABOR TYPES column in the Overview section of the Edit Route page, and, by default, it contains the value selected in the DEFAULT LABOR column.	US371377
When you access an operation, the total number of mandatory quality variables for the serial/lot that you have clocked on for the operation and that require a value now appears on the Quality tab.	F46529
You can now add comments on a work order or a serial/lot. You can also access, modify, and delete comments.	F46247
Operations that do not require clocking on are now supported. To facilitate this enhancement, the buttons in the OFF/ON column are disabled for the operations that do not require clocking on.	F45349
In addition to serialized products, you can now use Unit Operations to work on non-serialized products. To facilitate this enhancement, the following changes have been made: <ul style="list-style-type: none"> • For each lot, you can now specify the quantity of items on which an operation is completed (if the operation requires clocking on). • The on hold, scrapped, or completed quantity is now calculated as the corresponding quantity for the lot on which an operation is performed. • The total number of BOM items to be consumed for a lot now considers the planned quantity per lot. 	F45281
In addition to serialized products, you can now work on non-serialized products using Unit Operations. You can clock on, clock off, and create a non-conformance for a non-serialized product as well. When you create a non-conformance for a non-serialized product, if only some quantity of the lot is defective, you can split the lot into sublots, and create non-conformance only on the defective quantity. This will allow you to continue working on the non-defective quantity, while the defective quantity is disposed using Non Conformance.	F37756
You can now view the description of an operation. To facilitate this enhancement, a new column, OPERATION DESC , has been added to the Operations page.	US387655
You can now search for a list of operations completed within a specified duration. To facilitate this enhancement, in the Completed section, a drop-down list box, View by , has been added. By default, the value in this box is Last 7 days . <p>Note: If the number of operations completed within the specified duration is greater than the maximum number of operations that can be displayed in the table, only the latest operations are displayed. And, a message appears, asking you to reduce the duration.</p>	US387557
You can now view the material description of the material of a serial/lot. To facilitate this enhancement, a new column, MATERIAL DESC , has been added to the Unit Operations page. In addition, to maintain consistency, when you access an operation, Part Desc has been renamed Material Desc .	<ul style="list-style-type: none"> • US375621 • US375168

Description	Tracking ID
You can now group columns in the Operations page based on any column in the table.	US375085
You can now access the history of an operation. To facilitate this enhancement, a new section, History , has been added to the Operations page when you access an operation. Each time the status of serial/lot changes during the operation, or the status of the operation or work order changes, the event appears in the History section.	US372937
If an operation is associated with only one piece of equipment (that is, machine), when you click on the operation, the equipment is automatically selected.	US372840
The most recently accessed machine names that appear as buttons in the workspace heading now contain the corresponding production line names as well.	US359662
Values in the Machines drop-down list box in the Operations page now include the machine hierarchy in addition to the machine name.	US313971

Table 18: Known Issues and Limitations


The following issues are unresolved in this release.




Description	Tracking ID
BOM auto-allocation and quality variable allocation take more than one minute time.	DE137194
In the iPad view mode, when you create a custom tab, if there are too many browser tabs, the new tab is overlapped by the maximize button.	DE137426

Work Order Manager

Table 19: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
You can now add comments on a work order or a serial/lot. You can also access, modify, and delete comments.	F46247
You can now perform the following tasks on a work order that is ready or in progress: <ul style="list-style-type: none"> Add, modify, or remove operations. Remove a serial/lot from an operation that is not yet ready. 	F41258
You can now view the name of the unit where a serial/lot is being produced in the summary of serials/lots and operations associated with a work order. To facilitate this enhancement, the UNIT column has been added to the table in the Summary section of the work order page. The column, however, do not appear by default in the Summary section. You can add the column by selecting  .	US381742
When a serial/lot in a work order is canceled, the CURRENT OP column of the table in the Current Status section of the work order page now displays the name of the operation in which the serial/lot is cancelled.	US381740

Description	Tracking ID
<p>You can now view the quantity of serials/lots completed or produced out of the total quantity of serials/lots planned in a serial/lot of a work order as part of its current status and summary. To facilitate this enhancement, the COMP QTY column has been added to the tables in the following sections of the work order page:</p> <ul style="list-style-type: none"> • Current Status • Summary 	<ul style="list-style-type: none"> • US381738 • US381737
<p>In the History section of a work order, the following actions are recorded as well:</p> <ul style="list-style-type: none"> • A serial/lot is split. • The planned quantity of a serial/lot has been changed. 	<ul style="list-style-type: none"> • US381720 • US381709
<p>In the Work Order Manager page, operations in the On Hold status now appear both in the On hold and Released workspaces when you access the By Work Order or the By Operations section.</p>	US381688
<p>In the Work Order Manager page, in the Released, On hold, and Completed workspaces, the following enhancements have been made:</p> <ul style="list-style-type: none"> • The MATERIAL column now displays the name of the material instead of the ID. • You can now add the MATERIAL DESC column using . • You can now add the OPERATION DESC column in the By Operations section using . 	<ul style="list-style-type: none"> • US381688 • US376675
<p>In addition to filtering work orders based on the production line, you can now filter work orders based on the material family. To facilitate this enhancement, in the Work Order Manager page, the Line box has been replaced with the Property box, which contains the following options:</p> <ul style="list-style-type: none"> • Production Line • Material Family <p>Depending on your selection in the Property box, a list of production lines or material families appears in the adjacent drop-down list box, which you can use to filter the work orders.</p>	US372999
<p>In addition to a list of work orders, you can now access a list of operations. To facilitate this enhancement, in the Released, On hold, and Completed sections, the following subsections have been added:</p> <ul style="list-style-type: none"> • By Work Order: Contains a list of released, in progress, on hold, or completed work orders (depending on the section you have accessed). • By Operations: Contains a list of releases, in progress, on hold, or completed operations (depending on the section you have accessed). 	US370838
<p>In addition to Route Editor, you can now create a work order using Work Order Manager.</p>	US365730
<p>In the History section of a work order, you can now view the old and new values of a modified field. To facilitate this enhancement, two new columns, OLD VAL and NEW VAL have been added. These columns, however, do not appear by default in the History section. You can add them by selecting .</p> <p>Note: You cannot view the old and new values for planned start and end dates.</p>	US363681
<p>You can now view the Labor Type associated with a clocked on and clocked off operation for a serial/lot. To facilitate this enhancement, a new column, Labor Type, has been added to the Clocked On section of a work order page.</p>	US363677



Description	Tracking ID
When a serial/lot is scrapped, the status of all the future operations of the serial/lot is now changed to Cancelled, and therefore, do not appear in Work Order Manager.	US363674
You can now access the properties assigned to a route, operation, or material associated with a work order. To facilitate this enhancement, a new section named Property has been added to the work order page.	<ul style="list-style-type: none"> US356672 US354505
You can now view the following details of bill of material (BOM) items for each serial/lot in a work order: <ul style="list-style-type: none"> Order Serial/lot number of each BOM item Description Required quantity Consumed quantity Units of measurement To facilitate this enhancement, a new section, BOM , has been added to the work order page.	US344127
You can now view the duration for which an operation is clocked on. To facilitate this enhancement, a new column, DURATION , has been added to the Summary and Clocked On sections of a work order page.	US344116
You can now view the sequence number and description of an operation. To facilitate this enhancement, the following changes have been made to the Summary section of a work order page: <ul style="list-style-type: none"> A new column, SEQUENCE NUMBER, has been added to the table. You can add the DESCRIPTION column using . 	US344112
You can now export the data in the Current Status , Summary , History and Clocked on pages to a .csv file. To facilitate this enhancement, the Export button  has been added to the mentioned pages.	US344106
You can now view the time spent to complete an operation for a serial/lot. To facilitate this enhancement, a new column, DURATION , has been added to the Summary section of a work order page. The value in this column is calculated as the difference between values in the STARTED TIME and COMPLETED TIME columns.	US344096

Table 20: Known Issues and Limitations

The following issues are unresolved in this release.

Description	Tracking ID
You can delete an operation even if it is on hold because of a Continue-to-Process (CTP) disposition. You cannot, however, save the changes. Workaround: Cancel your changes, and redo them.	DE127816
Outside Processing (OSP) genealogy creation fails in a newly created work order in which only OSP operations are available.	DE132790

Route Editor

Table 21: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
<p>In addition to assigning properties created in Property Definition to individual routes or operations, you can now create global property groups directly in the Plant Applications database. These groups are automatically assigned to all routes or operations, and they appear in Route Editor. To facilitate this enhancement, the following tables have been created, which you can use to insert the property groups for routes and operations, respectively:</p> <ul style="list-style-type: none"> • global_route_property_group_association • global_segment_property_group_association 	F47066
<p>When you assign property groups to a route, the Assign property Group(s) window now displays only the property groups that contain definitions.</p>	US389155
<p>When you add operations to a route, the default value in the SEQ column is automatically incremented by 10. This enables you to add new operations between existing operations without having to change the sequence numbers of existing operations.</p>	US388472
<p>You can now specify whether clocking on is required for an operation. To facilitate this enhancement, a new column, BEHAVIOR, has been added to the Overview section of the Edit Route page. In this column, you can select one of the following values for an operation:</p> <ul style="list-style-type: none"> • Clocking • Non Clocking 	US379842
<p>You can now specify any of the following labor types for each operation in a route:</p> <ul style="list-style-type: none"> • Direct • Rework <p>Among the labor types that you have selected for an operation, you can specify a default labor type for the operation. To facilitate this enhancement, two new columns, LABOR TYPES and DEFAULT LABOR, have been added in the Overview section of the Edit Route page.</p> <p>When an operator clocks on a serial/lot using the Work Queue or Operations application, by default, the labor type for the operation is set to the value in the DEFAULT LABOR column. The operator can, however, choose a different value from the labor types that you selected in the LABOR TYPES column.</p>	US375262

Security

Table 22: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
<p>Using the Security application, as an administrator, you can now provide access to perform various tasks within the applications. You can also provide department-level, line-level and unit-level access privileges to users. For example, an operator role can have permissions to clock on and clock off operations on a specific production line. To facilitate this enhancement, you can perform the following tasks:</p> <ul style="list-style-type: none"> • Create roles for managing specific tasks. For example, an operator role can have permissions to clock on and clock off operations. • Access groups from a UAA service. • Specify the groups that can access an application. • Add users to roles and groups. • Access a list of departments, lines, and units. 	<ul style="list-style-type: none"> • F41889 • F38726

Time Booking

Table 23: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
<p>A new application, Time Booking, has been introduced. Using this application, you can access labor records by time and date range, and correct any discrepancy in the applied labor time by performing the following tasks:</p> <ul style="list-style-type: none"> • Add the applied labor time in a labor record. • Modify the applied labor time in a labor record. <p>Note:</p> <ul style="list-style-type: none"> • Operators can add and modify the applied labor time only for those labor records they have clocked on to. • Supervisors can perform this operation for the labor records belonging to the operators they have access to. 	<p>US390066</p>

Table 24: Known Issues and Limitations

The following issues are unresolved in this release.

Description	Tracking ID
<p>When you add a new unsubmitted record and navigate to the next page, the following issues occur:</p> <ul style="list-style-type: none"> • The record in the next page appears editable though it is non-editable. • The data of the other pages does not appear. 	<p>DE125232</p>
<p>When you create adhoc work orders without specifying the route details, the in-progress or completed operations are not listed in the Operations drop-down list box in Time Booking.</p>	<p>DE130358</p>

Work Queue

Table 25: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
When you access an operation, the total number of mandatory quality variables for all the serials/lots that you have clocked on for the operation and that require a value now appears on the Quality tab.	F46529
You can now add comments on a work order or a serial/lot. You can also access, modify, and delete comments.	F46247
Operations that do not require clocking on are now supported. To facilitate this enhancement, the buttons in the OFF/ON column are disabled for the operations that do not require clocking on.	F45349
<p>In addition to serialized products, you can now use Work Queue to work on non-serialized products. To facilitate this enhancement, the following changes have been made:</p> <ul style="list-style-type: none"> • For each lot, you can now specify the quantity of items on which an operation is completed (if the operation requires clocking on). The completed quantity (out of the planned quantity) now appears when you access an operation and select a serial/lot in the left pane. • The on hold, scrapped, or completed quantity is now calculated as the sum of the corresponding quantity for all the lots on which an operation is performed. • The total number of BOM items to be consumed for a lot now considers the planned quantity per lot. 	F45281
In addition to serialized products, you can now work on non-serialized products using Work Queue. You can clock on, clock off, and create a non-conformance for a non-serialized product as well. When you create a non-conformance for a non-serialized product, if only some quantity of the lot is defective, you can split the lot into sublots, and create non-conformance only on the defective quantity. This will allow you to continue working on the non-defective quantity, while the defective quantity is disposed using NCR Management.	F37756
When a serial/lot is scrapped, the count of the scrapped serials/lots is updated for future operations as well.	US388975
You can now view the number of serials/lots created in the work order that is associated with an operation. To facilitate this enhancement, the SERIAL/LOT column has been added to the table in the Queue page.	US384775
You can now view the total number of mandatory BOM items to be consumed for all the serials/lots that you have clocked on for an operation, which appears on the BOM tab when you access an operation.	<ul style="list-style-type: none"> • US377506 • US351362

Description	Tracking ID
<p>You can now view the unique ID of each serial/lot in a work order. To facilitate this enhancement, a new column, SERIAL/LOT, has been added to the Work Queue page.</p> <ul style="list-style-type: none"> If the work order contains only one serial/lot, this column contains the unique ID of the serial/lot. If the work order contains multiple serials/lots, this column contains a link, specifying the number of serials/lots in the work order. When you select the link, a window appears, displaying the statuses and identifiers of all the serials/lots in the work order. <p>Note: The value in this column does not include the number of serials/lots that are in the Cancelled status.</p>	US375459
<p>You can now view the material description of the material of a serial/lot. To facilitate this enhancement, a new column, MATERIAL DESC, has been added to the Work Queue page.</p>	US375171
<p>You can now access the history of an operation. To facilitate this enhancement, a new section, History, has been added to the Work Queue page when you access an operation. Each time the status of serial/lot changes during the operation, or the status of the operation or work order changes, the event appears in the History section.</p>	US372936
<p>If an operation is associated with only one piece of equipment (that is, machine), when you clock on the operation, the equipment is automatically selected.</p>	US372840
<p>When you clock on a serial number, you can now select a labor type from the ones configured for the associated operation in Route Management. To facilitate this enhancement, in the Select Serial number(s) to clock on window, the LABOR TYPE drop-down list box has been added. It contains a list of values selected in the LABOR TYPES column in the Overview section of the Edit Route page, and, by default, it contains the value selected in the DEFAULT LABOR column.</p>	US375262, US371379
<p>You can now change the labor type of a clocked on operation.</p>	US371377

Table 26: Known Issues and Limitations

The following issues are unresolved in this release.

Description	Tracking ID
BOM auto-allocation and quality variable allocation take more than one minute time.	DE137194
The serial/lot list scroll bar becomes unresponsive when you refresh the page or when you perform any action on the page.	DE137848

Waste

Table 27: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
A new application, Waste, has been introduced. Using this application, an operator or supervisor can create records for a waste event and associate it with a time-based or production-based event.	F45930

Table 28: Known Issues and Limitations

The following issues are unresolved in this release.

Description	Tracking ID
When you select either Last <number> Hours or Custom time range, select a waste record that is not on the first page, and then select back , you are redirected to the first page instead of the page that contains the waste record.	DE137970
The Waste application becomes unresponsive when accessing the EVENT drop-down that has the large number of production events in the Add Production Based Waste Event page. Also, the EVENT drop-down displays the old entries of production events at the top of the list instead of the latest entries.	DE140362

Unicode Utility

Table 29: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
A new Unicode utility has been introduced. You can use this utility to apply schema changes in the Plant Applications database to accept unicode characters.	US413609

Operations Hub Posting Utility

Table 30: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
A new Operations Hub Posting Utility has been introduced. You can use this utility to import the applications in Plant Applications to Operations Hub.	

UAA User Migration Utility

Table 31: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
A new UAA User Migration Utility has been introduced. As an administrator, you can use this utility to migrate the existing set of users from the current User Account Authentication (UAA) system, such as Historian UAA, Predix, or Operations Hub to the latest version of Operations Hub UAA.	US388099

Resolved Issues

The following issues have been resolved in this release.

Description	Tracking ID
Previously, in user-defined properties, the number of return rows was not more than 32767. This issue has been resolved.	DE101489
Previously, writer service stopped sending data to OSI PI Historian. This issue has been resolved.	DE102798
Previously, WebServer parameters were not updated correctly in the domain. This issue has been resolved.	DE106722
Previously, calculated fields in Plant Applications Web Client were editable although the same variables in Plant Applications Administrator were disabled. This issue has been resolved.	DE111684
Previously, when you switched users in Web Client, a warning message appeared. This issue has been resolved.	DE116851
Previously, when you created a downtime unit view client display, and then opened a second client and added a comment to a closed downtime without saving, all the downtime columns were black-coloured. This happened when you switched back to the first client and closed the downtime. This issue has been resolved.	DE117719
Previously, you could not automatically log in to Plant Applications Report Server after upgrading to the latest version. This issue has been resolved.	DE118744
Previously, the Online_GE_Purge SQL job displayed an error message while running in the production environment. The database replication failed, which worked prior to upgrading to Plant Applications 7.0. This issue has been resolved.	DE118749
Previously, when updating variables, performance issue occurred due to spServer_DBMGrUpdActivtiesForTest called from spServer_DBMGrUpdTest2. This issue has been resolved.	DE121285
Previously, the Downtime Edit page was not updated in real-time if a change was made to the downtime event. This issue has been resolved.	DE122120
Previously, Model 1055 did not trigger when a new PPS record was inserted from a result set, and when the end time of the PO was NULL. This issue has been resolved.	DE123596
Previously, the downtime display did not support MaxEdit. This issue has been resolved.	DE123599
Previously, deactivated, user-defined event variables created records in the test table. This issue has been resolved.	DE123652
Previously, the MessageBridge installer in Plant Applications SP5 SIM5 was set to the debug mode in the Proficy.PlantApps.MessageBridge.Service.exe.config file. This issue has been resolved.	DE124661
Previously, downtime and display downtime changes that occurred on one client were not reflected on another client. This issue has been resolved.	DE124663
Previously, the Writer service connection was sometimes lost. This issue has been resolved.	DE124983
Previously, when you changed the language from English to Chinese, Web Client appeared in a combination of languages. This issue has been resolved.	DE126031
Previously, different values are displayed in the autolog and the calc grid for the variable due to region settings issue. This issue has been resolved.	DE129745
Previously, when you double-clicked a child event, an error occurred for the waste display. This issue has been resolved	DE130254

Description	Tracking ID
Previously, the .NET SDK variable subscription was slow. This issue has been resolved.	DE57417
Previously, a calculation triggered by a variable did not update the value after the time change (Fall). This issue has been resolved.	DE57912
Previously, RabbitMQ did not start. This issue has been resolved.	DE89506
Previously, the Large Icons setting in Site Parameters did not work. This issue has been resolved.	DE92761
Previously, there were performance issues with Plant Applications. This issue has been resolved. To facilitate this fix, additional Java options have been added.	DE139883
Previously, Apache Kafka port connectivity failed due to an error in the <code>server.properties</code> file (located in the <code>C:\Kafka\Config</code> folder). This led to an installation failure. This issue has been resolved. Now, the file has been modified to use the setting <code>advertised.listeners=PLAINTEXT://HOSTNAME>:9095</code> .	DE139884
Previously, in Plant Applications Administrator, by default, the value for Downtime display options for the <code>CopyPaste Type</code> property was <code>Copy Reason only</code> . This issue has been resolved. Now, the default value for the property is set to <code>Copy Fault & Reason both</code> .	DE139885
Previously, even if the System Complete field was set to True , after upgrading to Plant Applications 8.1, the value was converted to None . This issue has been resolved. Now, the value is converted to System Complete Ignore Mandatory .	DE139887
Previously, the Change Data Capture (CDC) service log file grew continuously in size, and consumed the installation drive space on installation. This issue has been resolved.	DE139888
Previously, the Kafka service log file grew continuously in size, and consumed the installation drive space on installation. This issue has been resolved.	DE140376
Previously, the Message Bridge service log file grew continuously in size when it could not connect to Kafka. This issue has been resolved.	DE139914
Previously, in the Docker-based setup of Plant Applications Web Client, the process analyzer service name appeared twice in the URL. This issue has been resolved.	DE139915
Previously, when adding a production based waste event in the Waste application, the EVENT drop-down was fetching only 20 records from the database. This issue has been resolved.	DE139186
Previously, in the Acitivies application of Web Client, when you select Perform and then select Back without entering any data, the Status displays 100%. This is due to an issue with user-defined event displays and variables with custom data types. This issue has been resolved.	DE122122
Previously, in the docker installation, there was an issue when updating the self-signed certificate with user's (self or signed) certificate. This issue has been resolved.	DE141028
Previously, the installation could not continue if you have ansible version greater than 2.9.10. This issue has been resolved by limiting ansible version to 2.9.10. Now, if you have ansible version greater than 2.9.10, the installer uninstalls the current version, installs ansible 2.9.10, and then continues the installation.	DE141079

Chapter 2

Plant Applications 8.0

Topics:

- [Release Notes](#)

Release Notes

This topic provides a list of product changes released for Plant Applications.

Table 32: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
<p>You can now install Plant Applications Universal Client using Docker. Installing Universal Client using Docker deploys the following applications:</p> <ul style="list-style-type: none"> • Operations • NCR Management • Order Management • Route Management • Work Queue • Property Definition • Security Management • Downtime Displays • Equipment • Reports • My Machines • OEE Aggregation Store • Alarm Notifications <p>Note: If you install Plant Applications Universal Client using Docker, any existing Universal Client applications hosted in Application Assembler will not be replaced with the new ones. Instead, the new applications will be deployed in a new Universal Client set up, and you must manually remove the existing applications. Therefore, if you want to upgrade the existing Universal Client applications, install Plant Applications Universal Client without using Docker.</p>	N/A
<p>A new feature, Route-enabled line, has been introduced in Plant Applications Administrator. Using this feature, you can enable a product line to be used in a route and all the discrete applications.</p> <p>Note: If a product line is not route-enabled, you cannot use it in the discrete applications. For instructions on how to route-enable a product line and use it in discrete applications, refer to the Plant Applications Universal Client Installation Guide.</p>	N/A
<p>A new application, Work Order Manager, has been added in the Plant Applications Web Client. Using this application, you can perform the following tasks:</p> <ul style="list-style-type: none"> • Access a list of work orders associated with a Line. • View and modify the priority of the work order on a Production Line. • Access the work order history, status, summary, and clocked on and clocked off operations. • Access the NCM defects. • Cancel the work orders in the Ready status. 	<ul style="list-style-type: none"> • F43030 • F40680 • F33681

Description	Tracking ID
<p>A new application, Security, has been added in the Plant Applications Web Client to authorize user privileges to the process and discrete applications. Using this application, you can:</p> <ul style="list-style-type: none"> Authenticate and authorize the users as members of groups from supported identity provider applications to access the privilege sets, in turn, the applications associated with the privilege sets. Add groups to the privilege sets. Remove the groups from the privilege sets. 	F43005
<p>A new application, Unit Operations, has been added in the Plant Applications Web Client to display the operations associated with a Machine. Using this application, you can perform the following tasks:</p> <ul style="list-style-type: none"> Clock on or clock off the operations. Complete the operations. Access the documents and properties associated with the operations. Create non-conformance defects. <p>Using the BOM section, you can perform the following tasks:</p> <ul style="list-style-type: none"> Access the mandatory and supplementary BOM parts necessary to complete the operations. Consume the BOM parts during production. Create the lots, if the lots are not available for consumption. Access the consumption history of the BOM parts. 	<ul style="list-style-type: none"> F42912 F40679 F39463 F33751 F32611 F32462
<p>The following features have been added to the Non Conformance Management application:</p> <ul style="list-style-type: none"> The Rework disposition method: Enables you to rework on the non-conforming part for the selected operation. The defect is moved to the Submitted state after the rework operation is completed. The Create Plan feature: Enables you to dispose multiple defects at once by creating a plan. The Edit CTP feature: Enables you to modify the disposition details when the disposition method is specified as Continue to Process (CTP). You can also change the disposition method from CTP to any other method (such as Clear, Rework, Scrap or Use as is). The History feature: Enables you to view all the actions performed on the defect by the user. The History option has been added to the menu. The Queue feature: Enables you to access the previously searched Serial/Lot numbers, Non-Conformance numbers, Work Order numbers and Plan numbers. The Queue option appears in the home page. 	F42661
<p>Now, the Universal Client applications are hosted in a new container instead of Application Assembler.</p>	F42513
<p>Plant Applications now works with Operations Hub UAA instead of the Historian UAA. To facilitate this enhancement, changes have been made in the Plant Applications Universal Client installer to connect to the Operations Hub UAA and create a set of default users.</p>	F42431
<p>Universal Client can now display the variable name (user-defined) based on the display configuration defined in the Plant Application Administrator.</p>	F42309
<p>You now have the option to choose Top 5 Causes and Actions when perform the alarms in the Alarm Notifications application.</p>	F41817
<p>You can now edit the Product in the Production Event page of the Activities application autolog display.</p>	F41647

Description	Tracking ID
All the Plant Applications applications are now technologically upgraded using the Angular 6.	<ul style="list-style-type: none"> • F40980 • F40979 • F40978 • F38520 • F37328
You can now install Plant Applications in a FIPS (Federal Information Processing Standards) enabled environment.	F40567
In the Activities application, you can now filter out the Dynamic rows using a toggle button. You can select this button (On) to display only dynamic rows that has specification limit or target frequency set. You can switch back to the initial view displaying all the variables by selecting it again (Off).	F38848
<p>A new application, Work Queue, has been added in the Plant Applications Web Client. Using this module, you can maintain a list of operations on which you want to work, and perform the following tasks:</p> <ul style="list-style-type: none"> • Click on the available serial numbers. • Specify the consumption of BOM items for each serial numbers. • View a list of documents associated with an operation. • Provide data for quality variables. • Specify whether you have completed working on each serial number. • Create a defect for defective serial numbers. 	F37817
A new application, Property Definition, has been added in the Plant Applications Web Client to manage custom properties tailored to the requirements of your business. These properties, when configured with other applications, such as, ERP, Route Editor, and Unit Operations, can capture additional business data specific to your requirement.	F31338
<p>A new application, Route Management, has been added in the Plant Applications Web Client. Using this application, you can create a route by providing the following information:</p> <ul style="list-style-type: none"> • The product line, BOM formulation, and material associated with the route • The operations performed in the route • The bill of material (BOM) items, equipment, and documents required to perform each operation • Any additional properties associated with the route. <p>You can then release the route for use in a work order. You can also create a work order using a route.</p>	F29661

Table 33: Resolved Issues

The following issues, which existed in one or more previous versions, have been resolved.

Description	Tracking ID
Previously, if multiple alarms were triggered, only one of them was visible in the SOE report. This issue has been fixed.	DE109872
Previously, when you open the PE Autolog display and generate PE column, you could see significant slow down for variables subbing on an Autolog sheet. This issue has been fixed.	DE107485

Description	Tracking ID
Previously, whenever a native historian (same machine where UCC is installed) is configured in Plant Applications using the host name, UCC is unable to trend historian tags. It displays "Unknown error" on analysis app. If you observe in the network request the response in 401 unauthorized. This issue has been resolved.	DE106705
Previously, after upgrading the Plant Applications Universal Client from SP4 to SP5, if you check the historians in the mes-dataservice-impl properties file, the old historians configured in SP4 are overwritten with the new configurations of SP5. This issue has been fixed.	DE106437
Previously, unhandled exception occurred when you select Duration filter and click on slider bar after opening two PA clients. This issue has been resolved.	DE104423
Previously, in the Autolog display of the Activities application, if you have entered value in the input variable field and tab out to the next variable, the calculated variable value was not getting updated. This issue has been fixed.	DE104266
Previously, in the Downtime Displays application, whenever you switch to the next page, the last record of the page is not displayed. Also, the sum of the downtime durations of the Downtime Displays view does not match with the total downtime durations displayed in the Equipment view. This issue has been fixed.	DE103601
Previously, you could not open variable external links pointing to HTM files in Plant Applications Client. This issue has been fixed.	DE102743
Previously, the Downtime Displays application displayed 00:00:00 uptime for all records. This issue has been fixed.	DE102225
Previously, the administrator could not assign default view to the role-based AD user in the Plant Applications Administrator. This issue has been resolved.	DE101157
Previously, when you create a downtime unit view client display and then open a second client and add a comment to a closed downtime without saving, you see all the downtime columns in black. This happens when you switch back to the first client and close the open downtime. This issue has been fixed.	DE88568
Previously, when you add the UDPs "Include NPT" and "OEE Calculation Type" at the Production Unit Level and export, the Field value is blank. If you import after setting the field value for another Production Unit, the UDPs are not added. This issue has been fixed.	DE84727
Previously, in Proficy Administration, it was not possible to set DefaultDomainName correctly. This issue has been fixed.	DE57924
Previously, after resuming a timed-out client session with one or more displays and providing the user credentials, selecting any display shifts focus to another display until all displays are minimized/restored. This issue has been fixed.	DE55450
Previously, only a user with view-only privileges in the Users tree could edit and save reports. This issue has been fixed.	DE8289

Table 34: Known Issues and Limitations

The following issues have not been resolved in this release.

Description	Tracking ID
<p>In Route Management, in the Operations section, you cannot use the scroll bar to access more than 20 operations.</p> <p>Workaround: Search for the operation using the Search box.</p> <p>Note: This issue does not occur when you access the route for the first time or after you perform the workaround.</p>	DE117105
<p>WorkFlow or MES products are not installed when Microsoft Visual C++ 2017 Redistributable package (x86) is already installed. This occurs when you install SQL 2017, which installs Microsoft Visual C++ 2017 Redistributable package (x86).</p> <p>Workaround: Uninstall Microsoft Visual C++ 2017 Redistributable package (x86), and then install Microsoft Visual C++ 2015 Redistributable package (x86).</p>	DE115386
<p>When upgrading Universal Client from version 7.0 SP2, SP3, SP4, or SP5 to version 8.0, the existing UAA users are not imported to the upgraded to the UC 8.0 version.</p>	DE114856
<p>In Non Conformance Management application, The Underline Text symbol in the Rich Text Editor of the Disposition page is sometimes not displayed.</p>	DE114530
<p>While accessing the Analysis application in an iPad, the drag-and-drop functionality does not work when you try to drag a row to either Add Chart or Add Batches panel.</p> <p>Workaround: You must manually select the check boxes of relevant rows, and then add them by selecting Add Chart or Add Batches.</p>	DE114477
<p>While accessing Plant Applications in an iPad, the pagination does not function correctly. If you tap on the next or previous page links, instead of the next immediate page, the alternate page appears.</p>	DE114475
<p>In the Activities application, when you select the filter icon of the first column, the filter menu appears under the Applications panel due to an alignment issue.</p>	DE114378
<p>In Non Conformance Management application, Defect is not retrieved if it is logged against a Work Order that has any special character (!@#\$%^&*()=_{}/?><\ e) in its name.</p>	DE114327
<p>While accessing the Plant Applications in an iPad, the drop-down list boxes do not display the whole character length after you select a value from a list. This behavior can be observed when the selected option character length exceeds the size of the dropdown.</p>	DE113852
<p>In Non Conformance Management application, History is not displayed when there are two defects on a Serial Number and one of them is scrapped</p>	DE113670
<p>In Plant Applications Web Client, when you right click in the Search field of the grid and select Paste, the value is not pasted in the field.</p>	DE113317
<p>While accessing the Activities application in an iPad, in the Open page, when you select the Due In column (for an overdue activity) to view the tooltip, the Overdue comment box appears along with the tooltip.</p>	DE112907
<p>The Create account and Reset password links are not working on the Universal Client login page.</p> <p>Workaround: To create user accounts, you can use the <code>uaac-create-clients-and-users.bat</code> batch file that is located in the Plant Applications Universal Client installation directory. To reset a password, you can login to UAA, and then select Change Password from the Account Settings page.</p>	DE111982

Description	Tracking ID
While accessing the Activities application in an iPad, if you enter invalid data in any of the fields when editing an event, the Save button remains enabled. If you select Save , the value is not saved. However, a success message appears.	DE111683
Do not to scale below services in multiple instances - RabbitMQ dependent services: <ul style="list-style-type: none"> • downtime-app-service • downtime-service • alarm-app-service • alarm-service 	N/A
Do not to scale below services in multiple instances: <ul style="list-style-type: none"> • erp-scheduler-service • erp-import-service (if you want to scale, ensure that Workorder-service is scaled before). 	N/A
If for any reason Kafka services are restarted, you must restart the below services: <ul style="list-style-type: none"> • Operator app service • WorkOrder • WorkOrder History service • Supervisor app service • Plant execution service 	N/A

Table 35: Obsolete Features

The following features are no longer available.

Description	Tracking ID
The following REST API microservices are deprecated from Plant Applications 8.0. These REST APIs will be permanently removed in the future release: <ul style="list-style-type: none"> • In activities-service: <ul style="list-style-type: none"> ◦ GET /userDefined/v1/events/{eventId}/status ◦ GET /production/v1/events/{eventId}/status • In comment-service: <ul style="list-style-type: none"> ◦ GET /comment/v1/commentThreads/permissions 	US328042