



Proficiency Plant Applications 2023

Release Notes



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Chapter 1. Plant Applications 2023

What's New in Plant Applications in 2023

Welcome to the newest version of Plant Applications. The features of Plant Applications 2023 include:

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Installation Changes

- Optimized Standard and Enterprise installers.
- Added support for custom configuration file which is used to add service custom property values.
The custom configuration file helps retain the modified settings during upgrade.
- Supports NodeRed application for the Enterprise Edition Web Client installation.
- Added flash upgrade capability for Enterprise Edition Web Client.

Application-Wide Changes

- Added support for allowing the user to add Prod_Code and Prod_Desc of up to 500 characters for a material or product. If you choose to make use of the expanded values for Prod_Code and Prod_Desc, any spLocal stored procedures or functions that define variables or table variables for the Prod_Code or Prod_Desc columns of the Products_Base table will need to be updated with data

type nVarChar (1000) to support the expanded values of the new column widths or SQL Overflow errors could be encountered.

- Supports Jaeger Tracing tool which adds the request tracing to each service and provides browser based visualization for faster investigation of performance issue and request failures. It also adds the capabilities to dynamically render a visualization based on service to service interaction.
- Supports changing the logging level at each micro-service level and enables services to pick up the logging level dynamically without restarting the individual service.



Note:

For Work Order service, you need to do a restart.

- Added Performance Metrics section on Plant Applications REST Services and Core Services to the Documentation portal.

Web Admin Changes

- A new application **Plant Application Web Admin** has been added. This is a web-based application that allows an administrator user role to configure a Plant Applications system. Using **Plant Application Web Admin**, the user can perform tasks such as:
 - Creating a Plant Model (Areas, Work Centers, and Work Units)
 - Adding work unit variables such as Manual/Autolog event-based variables and specifications.
 - Creating Material Families and Materials
 - Adding material variables and specifications
 - Publishing plant entities to activate changes
 - Browsing revision history of plant entities to review past configurations
 - Revisioning the entities to modify the configurations
 - Administering Non-Conformance Management which allows the user to manage disposition types for defects created on lots for:
 - Discrete work orders
 - Receiving Inspection
- Allows the user to associate a material to a line, work unit, or an execution path and create a route or a work order for the material. The user can add or update the existing association of a material to a line, work unit, or an execution path.
- Allows the user to delete draft revisions of Sites, Areas, Work Centers, and Work Units from the Plant Model.

Activities

Added support for Manual Historian Variable.

Web Client Changes

You can now view the long date and time format in Plant Applications Web client applications and the Date Time display formats are aligned with the browser language. Also, some user interface error messages are modified to make them more user friendly.

Receiving Inspection

Added support for a new production status to the receiving inspection workflow called "unapproved supplier".

Web Reports (Classic)

- The new web reports released as stand-alone installer with PA2022 is now integrated with PA2023 Software suite. New web reports include features such as multiple browsers support, Proficy UAA authentication, and Security fixes.
- Enhanced the web reports to display event details with user friendly names.

Process Orders

You can now return a serial/lot using the **Return** tab introduced for the BOM items in the **Unit Operations**, **Work Queue**, and **Process Orders** applications. However, you can only return a serial/lot that was consumed and cannot return more than the consumed quantity. The **Return** tab appears next to the **Consume** tab when you select a BOM item.

Autolog (Preview)

A new feature **Autolog** has been added. Using this application, user can view autolog displays for the following events:

- **Time-Based**
- **Production-Based**
- **User-Defined**

For **Production-Based** and **User-Defined** events, data can be entered by event name, and for **Time-Based**, data can be entered by time. Comments, product specifications, and operating procedures can be applied and reviewed.

Line Overview

A new feature **Line Overview** has been added. Using this application, an operator can review summary of a particular machine such as:

- Availability
- Downtime event on the machine

For a machine, when:

- The availability is 100% and the downtime is 0 minutes, then there are no downtime events recorded.
- The availability is 0% or below 100% and downtime is > 0 minutes, then there are downtime events recorded.

Work Order Manager

- The **Customs** tab functionality is added to the **Work Order Manager** application. The custom tab enables you to create, modify, delete, and add input parameters.
- Supports Pre/Post calls for manual work order completion.
- Added the ability to change BOM consumption actuals. This feature is also applicable to Unit Operations, Work Queue, and Process Orders.
- The workorder DB schema table is created to include the statuses of the following entities:
 - WorkOrder
 - MaterialLotActuals
 - SegmentActuals
 - CompleteQuantityRecords

You can use the work order DB schema information to generate reports that are helpful in identifying and resolving the issues in Plant Applications. You can view the detailed information in the SQL Programming topic in the Development Tools section in Plant Applications Help.

This feature is also applicable to the Route Editor.

Route Editor

- Using the Route Editor, you can configure variables to be collected during the execution of the operation by an operator. Variables added to a route can be material variables, which can be collected at any operation. Work unit/equipment variables can be associated to the operations configured to execute on the work unit.

- Allow selecting units from all route enabled lines when editing work orders.
- Supports mandatory BOM items for Mutually Exclusive Set.
- Supports displaying BOM Formulation Item properties.
- In the **Route Editor** application, you can now link a BOM Item to multiple operations by selecting the required **Operations** or **Mutual Exclusive Operations Set** in the **OPERATION** column for a BOM material. For each operation you can set upper and lower quantity tolerances. Also, you can set the mandatory quantity to be consumed from the allotted quantity of BOM parts.
- Previously, when the user route enabled a line, either from the Administrator thick client or Web administrator, the schedule view created defaulted to AddSecurity = Administrator and without any security group. Under this configuration, to create a Work Order or Process Order, the view required to be modified to allow a security group and give all PA users admin access to the group. Now, the Route Enable function is modified and creates the default schedule view without security group and the AddSecurity display option set to Manager.
- In the Route Editor application, now you can upload documents of PDF format more than 25 MB file size. However, documents more than 100 MB in size may affect the performance based on the internet speed. You can now specify the size limit of the document by modifying the property value **maxFileSizeToUploadInMb** in the `route-app-prod.yml` file. You must specify only integer values.

Work Queue

- You can now view the execution of all the operations in a single window. From the Work Queue and Unit Operations applications, when you select the (🔄) icon for a serial/lot, the **LOT EXECUTION HISTORY** panel appears with the list of associated operation(s). You can access the statuses of all the operations associated with that serial/lot. You can access groups of operations. Also, you can view the serial/lot and its associated lots.
- You can now control the popup behavior of the SN/Lot selection if only one SN/Lot exists. In the Work Queue application, a new **app.config property singleLotUnitPopupBehaviour** is added to control the pop-up behaviour. If the property value is set to False (Default), the SN/Lot selection popup does not appear if only one SN/Lot exists. If the property value is set to True, the SN/Lot selection will prompt the operator to select the SN/Lot even if there is only one option for SN/Lot selection.
- Provides a rich text box functionality to the common quality/autolog component in the Work Queue. The feature is also applicable to Unit Operations application.
- Now you can consume Risk Release BOM item in the Unit Operations and Work Queue application. However, for a non-serialized lot, you can consume risk release BOM item only when the full quantity is marked as Risk Release. When you accept to consume risk release BOM item, an NCR is automatically created for the serial/lot that is clocked on.

Configuration

In Configuration application, the following changes are added to the **Standard Tab Applications** list:

- Added Genealogy application.
- For the Receiving Inspection application, you cannot hide the default tab. The ON/OFF toggle switch will be in disabled mode.

Also, the Genealogy application is added to the **Custom Tab Association** list.

BOM Editor

- In the **BOM Editor** application, you can now add substitutions for any BOM item. You can also edit the existing list of substitutions. To facilitate this enhancement, **SUBSTITUTIONS** column is added to the **Item Details** section of a BOM item. You can select **Add Substitutions** to add a substitution material for any BOM item. You can select the list of substitutions to edit existing substitutions, if any.
- In the **BOM Editor** application, you can now navigate through the properties for BOM Item's Material and BOM Formulation item, and also view the BOM Formulation Header Properties.

Genealogy

The **Customs** tab functionality is added to the **Genealogy** application. The custom tab enables you to create, modify, delete, and add input parameters.

Non Conformance

- Added ability to generate a Non Conformance record on the target lot(s) when a BOM item with a Risk Release disposition is consumed on a discrete work order in Work Queue or Unit Operations apps. The target lot(s) is automatically placed on Hold and must go through the normal defect management process before completion.
- Added a "View NC" action to the main Non Conformance grid, replacing the panel that was shown at the bottom of the grid. View NC dialog combines defect and disposition summaries in one consolidated look.
- Added ability to display "Continue to process" (CTP) operations that are marked as Mutually Exclusive in the **Dispositions** drop-down list.
- Allows users to manage known disposition types in the system by updating the display names, context type and assigning optional workflows to each type.
- Approval workflow has been added to the Non Conformance process. Submitting any Discrete or Receiving Inspection dispositions that have a workflow configured will now move the defect

to a "Pending Approval" state. Approval Cockpit application users can approve or reject these transactions.

- Added ability to create defects from within the **Quality** tab of Work Queue and Unit Operations applications. User can now:
 - ▪ Attach files during defect creation process.
 - ▪ Attach files during defect disposition process.

Defects are now created with an auto generated Plan.


Failed Criteria grid has been added to major components of Non Conformance process. Failed Criteria is a list of all variables that were out of specification during creation of the defect.

- Allows an engineer to choose to rework an already executed operation, create many operations as a rework group, or search for a template of already created operations/groups of operations. These created operations support:
 - Providing sequence #/order for operation within a group
 - Operation name and description
 - Documents to support instructions are each operation
 - Adding BOM items not within the original BOM formulation
 - Requesting changes of BOM actuals to switch out
 - Configuring unit and product variables
 - Completing an operation without all mandatory variables collected when a non-conformance is created due to a failed criteria
- Added ability to configure a pre/post custom call when submitting a defect. Added ability to configure a pre/post custom call during Lot Acceptance in Receiving Inspection application. Users can no longer perform lot completions if any variable is outside of the specification limit and does not have a corresponding defect.
- In the Unit Operations and Work Queue applications, now you need permission to modify the **AFFECTED QUANTITY** of a non-serialized product while creating a Non-conformance. This will split the defective items of a serial/lot. You must provide permission to split the serial/lot in the Security application.
- In the Non Conformance application, APPROVAL WORKFLOW section is added in the Disposition Plan that enables you to request approval to dispose the defect. The approval workflow(s) are created in the Approval Cockpit application and then the workflow is configured in the Plant Applications Web Admin. The delegated approver groups in the workflow must provide their approval in the Approval Cockpit application to dispose the defect. The status will be in Pending Approval status until the disposition is approved.

ERP Integration

- ERP can now import BOM Formulations into Plant Applications.
- ERP can now import or export Data Entry Plans. You can import a data entry plan using the Plant Application ERP Scheduler service in two ways:
 - Export a Plant Applications data entry plant from a source system via the ERP Export service and use the JSON of the response as an input to the ERP Scheduler `service / importOrders/importDataEntryPlantJobs`.
 - Create an import data entry plant JSON from a third-party system.
- Allows creation of published material product as per the Web Admin Node model.

Fixed Defects in Plant Applications 2023

Case#	Area	Description
00926743	Web Client	Plant Applications Windows Counters were not working on remote server.
00947918	PA Server - Reader	Sampling mode "Total" decreased when a BAD value occurred.
01039183	Web Client	<p>When installing Plant Applications 2022 Server, the system displayed an error message.</p> <div style="border: 1px solid #0070C0; border-radius: 10px; padding: 10px; background-color: #E6F2FF;"> <p> Note: Plant Applications installation does not support system names with more than 15 characters.</p> </div>
01029505	PA Server - Event Manager	Event Manager failed while reading an OSI PI Historian tag with a blank value.
01039658	Web Client - Route Editor	When the user selected All Operations and By Values on the Properties tab, and applied a filter to show only Mandatory with blank values, the system did not highlight the String and Integer data types with blank values in red.
01041193	Web Client - OEE Dashboard	There were incorrect OEE results when procedure <code>sp-CMN_GetUnitStatistics</code> was executed.

Case#	Area	Description
01039839	Documentation	The online Help is updated to display the correct port details for Plant Applications 2022.
01033760	Web Client - BOM Editor	product-service > bom-formulation-controller > Update Specific BOM Formulation Item Property Value allowed a value in the bom_formulation_item_property_value table to be created for a BOM_Formulation_Id and BOM_Formulation_Item_Id that did not have a valid foreign key relationship in the database.
01041399	Documentation	The online Help is updated to display the CouchDB details for Plant Applications 2022.
01038116	SQL Database	The Activity_History table in SQL database did not update information about PercentComplete.
01043060	Web Client - Line Overview	There were log4j vulnerabilities in the Line Overview service.
01018104	Web Client - Route Editor	When a released route is opened in the Route application (without creating a new revision), then after clicking around various operations and tabs in the Route application, the Route application prompted the user to save the route when trying to create a work order or moving to another application.
01030574	Web Client - Non Conformance	In Non Conformance, there were some screens that displayed Lot and Quantity in white against light grey background which made the text unreadable.
01029978	Web Client ERP	In ERP Import, the BOM lowerTolerance and upperTolerance were multiplied by 10 when the JSON file was setup for creating work order to consume material at an operation.
01031948	Web Client - Activities	When the user opened an Activity in the Web Client and navigated to the Events tab and clicked on statuses, the system did not display the current status and valid transition.

Case#	Area	Description
01030342, 01032053	Web Client - BOM Editor	All BOM materials did not display for the Work Order.
01032700	Web Client - Process Orders	In the Plant Applications Web Client, when the user tried entering data for a consumed amount of materials in a Bill of Materials (BOM) through Process Orders, the system did not display a warning message indicating that the entered data was beyond the tolerance limits.
01032838	Plant Applications Administrator	Data was stored to Var_Spec with "," to DB when regional settings used decimal separator as ",".
01030678, 01036770	Thick Client	Columns disappeared when the user scrolled back in Autolog displays.
01026696	Web Client - OEE Dashboard	When accessing the OEE Dashboard Report for a long time, the system displayed an error message: <code>Arithmetic overflow error converting expression to data type nvarchar.</code>
01016107	Database	There was a bug in <code>spServer_SchMgrGetGoodAndBad</code> for calculating waste when a production variable was set.
01037151	Web Client - Downtime	Merging and Split downtimes did not function properly.
01041881	Web Client - Route Editor	When a work order was created that had BOM with the required quantity, the user was able to complete all operations without consuming the mandatory parts.
01040199	Web Client - ERP	There were MaterialLot ERP import error and pagination issues <code>product-unit-controller>productUnit</code> .
01046445	Web Client - Non Conformance	It was possible to create NC with float quantity using the Receiving Inspection application, but not possible to disposition float quantity.
01004864	Web Client - Standard Install/Upgrade	Enable-disable discrete utility got outdated when SIM was applied.

Case#	Area	Description
01040585	SDK	PVariableResultEvent did not update result - "Object reference not set to an instance of an object".
01038328	SDK	When adding a Variable Result from SDK in Plant Applications 2022, Query Report displayed an error: object reference not set to an instance of an object.
01039648	SDK	Event Component record did not update when WriteDirect property was set to true.
01047540	MESCore - PASP	After upgrading to Plant Applications 2022, the Method UpdatePropertyValue of ITimeBasedPropertyValues did not work.
01047845	MESCore - PASP	After upgrading to Plant Applications 2022, the Method UpdatePropertyValue of IUserDefinedEvent did not work.
01050018	Web Client - Route App	When assigning resource labor codes to an operation, the operations did not display in sequential order.
01030923	Web Client - ERP	When a material lot was consumed at an operation according the BOM attached, and when the operation was complete, an OperationCompletedEvent xml message pushed into the erp_integration_outbound_standard_message did not display the Consumed Material-LotID.
01050712	Web Client - Route APP	The BOM Sync button did not function when aliases on BOM items were missing and when aliases were added the page became unresponsive.
01047135	Web Client - Route App	The Enable Route option in the Configuration Hub for a work center displayed the following error: We had a problem enabling the property on the node. Error trying to access application data.
01029253	License Manager	When the Plant Applications database was installed on a SQL Server with the AlwaysOn option, Plant Applications did not restart after failover.

Case#	Area	Description
01035408	Web Client - Route App	When the user tried creating work orders for more than 1000 lots, and tried to enter a number bigger than 100, the system switched the number back to 100 units.
01032335	Standard Installer	There were Apache HTTP server vulnerability issues.
01047803	Web Client - Route App	Route Manager >> Route Editor did not support routes and work orders with Revision 0.
01034774	Web Client - Work Order	ConfigureWorkOrderService.exe required code changes to prevent unmaintained logging to workOrderServiceLog.txt.
01027817	Web Client - Help App	The online Help is updated to address authentication issues.
01024576	Web Reports	Standard web reports and Event displays showed unusual data for the Event and was placed into the Events.Event_Num field when a discrete work order serial number was created.
01035837, 01031905	Web Client - Process Orders	The Column Chooser in the Process Orders application did not display Product Code , Description , or both.
00926743	Documentation	Plant Applications Windows Counters were not working on a remote server.
00954945	Upgrade	Excel Add-In unloaded when two Report Engines were running.
00940860	Web Client - Work Queue	The Work Queue list did not return expected information such as: <ul style="list-style-type: none"> • Complete option • Material Description
00945875	Web Client - Unit Operations	The Quality Variables chart did not display the configured upper and lower limit values for QV specifications correctly.
00896800	Activities	The Plant Applications Web Client did not display custom forms for Activities.

Case#	Area	Description
00903929	Route Management	Deleting documents on Draft routes at operation level moved the deleted documents to All Operations. The users had to leave route edit and discard changes or the attachment got saved at all operations level.
00934074	Downtime	Not able to access NPT event with future timestamp in Web Client.
933244	Unit Operations	Unit Names repeated multiple times for the opened operations.
929348	Unit Operations	Not able to get the product for line when creating Route if more than 2K products assigned to Unit.
924090	Analysis	The chart did not display tags with special characters (& ; + /).
838891	Process Analyzer	Non-Productive Time (NPT) flag did not display any difference in the process analyzer graph.
757912	OEE Dashboard	Incorrect OEE calculations
785869	Web Client	The Micros services in Tomcat did not start and displayed an error in the Plant Applications Web Client.
891949	iFrame	On resizing the window, iFrame reloaded.
826697	Web Client	Universal Client chart did not parse the dates correctly.
00850360, 00854025	Activity	Activities showed mouse-over details.
00849996, 00865884	Analysis	In Analysis, Save, Restore, and Analysis icons were missing in Chrome 80.x.
846338	Equipment	The GANT chart did not display correct DTM duration.
842040	Web Client - OEE Dashboard	OEEAggregation table did not display data for a newly configured unit without PE configured.
891771,940598,942240	Database Manager	Errors in DatabaseMgr.log when deleting Production Event using spServer_DBMgrUpdEvent in custom SP.
00883600,00906803	Activity	Activity screen did not perform an activity without start time.

Case#	Area	Description
895272	Unit Operations	All Quality Variables in Operations were underlined and had an invalid link.
898111	Unit Operations	Text did not get translated correctly in Swedish.
897319	Web Client - Process Orders	The Process Orders Web Client Display Remaining END.
895848	Unit Operations	After clocking on to a Work Order, the WORK ORDER ACTUAL START field was not populated.
903929	Route Management	Deleting documents on Draft routes at operation level moved the deleted documents to All Operations.
896800	Activity	Custom forms for Activities did not work.
945875	Web Client - Unit Operations	The graph did not scale correctly for given small values.
940860	Web Client - Work Queue	The Work Queue list did not return the following expected information: <ul style="list-style-type: none"> • Complete option • Material Description
944839	Unit Operations	History tab did not display data.
953035	Unit Operations	When a new work order was created, and then clocked onto the work order, the user did not see the Quality Variables under the Quality tab in the Operation Detail page.
986013	Documentation	The online Help was updated to address the issue for discontinued Downtime Model 201.
968449	Upgrade	Upgrading Plant Applications Client did not update all the required files.
956800	Installation	The Proficy Server was not on \u003Cserver name \u003E. An error occurred when SQL Server Service Account ComXclient had the default password changed using the ProfPWManager_UC.exe utility.

Case#	Area	Description
963797	Upgrade	Historian 8.1 High Availability did not work with Plant Applications 8.2.
956395	Upgrade	There were errors when upgrading from Plant Applications 7.0 to 8.2 and installing SIM1.
951640	Thick Client	The Production Overview display did not display summary information correctly.
949979	Plant Applications Administrator	Services reloaded without a message for reload.
952999	PA Server - Schedule Manager	There was an issue with sproc spServer_SchMgrCalcStats.
933948	Upgrade	After upgrading to PA 8.2 and installing the PASP from the 8.2 media, PASP did not work correctly as the associated sproc calls were failing with an error.
939855	WorkQueue and Unit Operations	The Quality tab displayed "No Activities" available for some complete operations.
947668	Thick Client - Schedule View	Waste events were ignored when accumulating production form variable.
942682	Upgrade	Calculations attached to an Operation did not trigger properly.
898882	Web Client - OEE Dashboard	The Performance Chart displayed downtime with categories Outside Area and Unavailable time.
929591	PA Server - Calculation Manager	When the user added more than 99 inputs, the system then deleted inputs on a calculation.
922145	PA Server - License Manager	When Plant Applications services restarted, firewall rules for each service got deleted and then re-created but not enabled.
927538	Configuration	There was a mismatch in the time units in the Model 49000 configuration.
906089	Thick Client	Incorrect specifications for logical variable.

Case#	Area	Description
880668	SDK	Incorrect behavior of PAVariableResultEventQuery on Locked event.
475554	Plant Applications Administrator	Aspecting/"Merge to SOA" created materials with time-stamp, pre-fixed material descriptions, and codes.
178931	Thick Client	Waste Plus Display Reasons update issue.
748955	Activity	User-defined events linked to production events with applied product displayed incorrect specifications.
843599	Thick Client	Schedule View Display did not show correct date format in Hebrew.
960123	SQL Server	Trigger on event_container_data table caused performance issues.
941465	SQL Server	.NET SDK PProduct.Add did not handle IsSerialized.
941343	SQL Server	The Process orders changed their status automatically. There were duplicates in the (Implied_Sequence, Implied_Sequence_Offset) columns.
943920	Event Manager	The Event Manager took time to build the shw files.
938781	Upgrade	The user could not update the status for Process Orders after upgrading to Plant Applications 7.0 SP5 SIM9.
938309	SQL Server	SQL blocked dbo.spServer_StbChkEventStub.
910409	Upgrade	Excel Add-In performance went down significantly after upgrading Plant Applications 6.3 to Plant Applications 8.1. There was a missing index in the spXLA_BrowseEvents_NoProduct.
928776, 941915, 941956	Plant Applications Administrator	Importing Display Variables, u003E procedure, or function spEM_IEImportDisplayVariables had too many arguments specified.
925817	Plant Applications Administrator	Exporting Production Execution Paths at the Department level only got the first path information for the PathProducts.

Case#	Area	Description
00919802, 00954387	Production Unit	Waste model 5014 passed EC_id from another Production Unit in stored procedure.
899823	Alarm Manager	The Alarm Manager reprocessed all alarms on a unit incorrectly.
00899910	Plant Applications Administrator	The Plant Applications Administrator froze for a few seconds when reprocessing PEs.
892082	SQL Server	There was a performance issue with simple delete from dbo.Production_Setup_Detail table.
893138	SQL Server	There were missing triggers on the Event_Configuration_Value table.
874229	Thick Client	spServer_SchMgrGetGoodAndBad did not count production correctly when multiple Process Orders were active on production point.
874231	Thick Client	The Schedule Manager did not call spServer_SchMgrCalcStats for all active Process Orders.
774500	Web Report	OEE by Unit Waste amount was different than the Quality Distribution report.
855091	SQL Server	spServer_SchMgrCalcStats counted event dimension and variable values when PE was bound to Process Order (PP_Id).
851091, 867288, 871868	SQL Server	dbo.spServer_DBMgrUpdEventComp did not update Child_Parent EventId.
814533	SQL Server	The TimeZoneTranslations tables were replicated in the Plant Applications database.
764883	PA Server - Event Manager	There was an issue with Event Manager due to Production plan update after installing SIM.
416779	Plant Application Web Server Administrator	The Report menu did not retain Node_Order.

Case#	Area	Description
868741	Web Report	An issue with the node name varchar length caused Import/Export to fail.
901606	Plant Applications Administrator	Services were reloaded after refreshing the server in the Plant Applications Administrator.
955229	PA Server - Database Manager	Database Manager service restarted.
930885	SDK	The Plant Applications SDK method PAAAlarmEvent-Query had an invalid join on variables while referring variables_base for comments.
897494	SDK	Whenever the SQL server was forced to restart, the values in the ProdStatus_Id displayed in byte instead of integer.
983633	Message Bridge	Message Bridge did not automatically connect to Kafka after getting disconnected.
927584	Message Bridge	MessageBridge log files were not archived.
886968	PA Server - Database Manager	Multiple services restarted and buffered.
766502	SQL Server	PUG_Order for Child Variables did not update when Parent Variable was moved.
946711	Message Bridge	Plant Applications 8.2 install did not prompt for comx-client password for Message Bridge.
940297	SQL Server	SQL Server "AlwaysOn" did not restart services after failover.
923739	Thick Client	Could not insert Proficy_ALC.Autolog OLE object (Prof-ALC.ocx) in iFIX.
865996	Upgrade	Plant Applications OPC Server did not connect to the SQL Server with instance.
782878	Plant Applications Administrator	Historian Variables were not able to retrieve data from the correct OSI PI tag attached.

Case#	Area	Description
504516	Cimplicity	Could not insert Proficy ActiveX object into the application.
00962763	Thick Client - Schedule View	Moving Process Orders Forward/Backward in the ScheduleView did not work correctly after adjusting the Start Time for a Process Order.
935369, 956686, 956581	PA Server - License Manager	Issues found in the License Manager after installing Plant Applications 7.0 SP5 SIM9.
907091	Thick Client - Schedule View	The Plant Applications Client Schedule View did not sort newly generated Process Orders and moving Process Orders Backward/Forwards also did not work.
907915	Upgrade	The Plant Applications Thick Client Schedule View refresh rate increased after upgrading to Plant Applications 7.0 SP5 SIM8.
906002	SQL Server	The PAMPropertySpecification.Add method failed.
892494	Historian	Reader or Summary Manager did not read Historian enumerated set correctly.
881270	SQL Server	The Report Server call of spServer_CMNGetLicenseMgrInfo did not update.
868653	PA Server - License Manager	The License Manager got locked when reading license and could not serve any client license request.
00871308, 00919640	Upgrade	After upgrading Plant Applications, the Dialog worked but an error message was displayed when the user tried to change the date.
00864592, 00888342	View Utility	The View Utility did not support special or extended character sets.
840188	Web Client - Autolog	There were different values in the autolog and the calculation grid for the variable.
846273	Thick Client - Downtime	In the Downtime+ display, a user with Admin rights could not edit downtime events beyond the Max Edit window.

Case#	Area	Description
822410	Thick Client	The Language option in the Plant Applications Client changed randomly from Chinese to English and vice versa.
815865	Thick Client	Downtime+ did not support MaxEdit.
740746	Plant Applications Administrator	The Display Editor did not save, activate, or reload stubber service reliably.
729466	Plant Applications Web Server Administrator	An error displayed when viewing Report Template in Plant Applications Web Server Administrator.
870079	Thick Client	In Downtime Display (Classic), the user could not update the DTM record.
00865707, 00928230	Thick Client	The Plant Applications Client did not display the left side Tree View when opening through Citrix Client.
674407	SQL Server	Multiple active specifications were present for single var_id against a single prod_id.
00866672, 00873680	Thick Client	Zero result on the integer PA Variable of the Increase sampling type was stored as 0.0 (float representation).
855630	SQL Server	Electronic signature sign off on time-based display.
908660	Thick Client	Enabling Cancelled Tests did not update Client Autolog (UDE) cells correctly when using Result Set 2.
915629	Thick Client	Plant Applications DTM events triggered duplicate Workflow schedules.
927007	Thick Client	Authorized user was not able to change Fault of the Downtime event when creating a new event or on already existing event.
926339	PA Server - Installer	Plant Applications Server setup did not start. SQL user password with special character (;) caused issue.
930200	Plant Applications Administrator	Could not add User Defined Properties.
00934595, 00940879	Thick Client	Cell Navigation feature changed via keyboard.

Case#	Area	Description
935771	Thick Client	For Multiple Client Displays, the user had to navigate and manually enter data.
855093	Thick Client	The Waste Display showed Run Time Error when a child event was double-clicked.
00871058, 00933060	Plant Applications Purge Configuration	The Purge Client did not connect to the server.
893996	Upgrade	There was an issue in creating Autolog Display after upgrading Plant Applications from 7.0 SIM 3 to SIM 8.
894834	Thick Client	In the Schedule View, hyperlinks are overlapped by empty List Box Object.
927002	Thick Client	With only one work order available to use, if the user clicked outside of Work Order column, the context of the column disappeared.
943431	Plant Applications Administrator	When the user renamed Historians other than the default one, dbo.Event_Configuration_Values table did not display the updated name.
942036	PA Server - Support Utilities	The Proficy Password Change Utility did not connect to the License Manager.
948467	Plant Applications Administrator	Duplicate S95Id were not allowed in MaterialDefinition table.
00909896	OEE	The spCMN_GetOEEStatistics incorrectly counted OEE when compared to spDBR_UnitOEE.
907497	OEE	The spCMN_GetUnitStatistics is incorrectly truncated waste when bigger than actual production.
950469	Thick Client	The user could not navigate from one cell to the other.
929348	Route	If more than 2,000 products were assigned to a unit, it was not possible to get the product for a line when creating a route.
928068	Database	Unable to create product using spS95_ScheduleProd-Create.

Case#	Area	Description
868741	Web Reports	Web reports issue with Tree Import/Export.
808236	Plant Applications Administrator	Plant Applications Export tool was missing new Activity features.
846273	Thick Client	In the Downtime+ display, a user with Admin rights could not edit downtime events beyond the Max Edit window.
891771, 940598, 942240	PA Server - Database Manager	Errors in the DatabaseMgr.log converted expression to data type nvarchar while deleting Production Event using spServer_DBMgrUpdEvent in custom SP.
907091	Thick Client	The Plant Applications Client Schedule view did not sort newly generated POs; moving POs Backward/Forwards did not work either.
928776, 941915, 941956	Plant Applications Administrator	Importing Display Variables \u003E procedure or function spEM_IEImportDisplayVariables had too many arguments specified.
00928340, 00936228	Thick Client	spEM_IEImportDisplayVariables expected parameter @Execution_Start_Duration, which was not supplied.
938309	SQL Server	SQL blocking dbo.spServer_StbChkEventStub.
00934595, 00940879	Thick Client	Cell Navigation via the arrow keys was not working in the Plant Applications Client.
00935663	Web Client	Access to mesdata-service did not work in standard web client.
937125	Unit Operations	Issues in Unit Operations.
964275	SDK	Error when creating Variable through SDK - incorrect call in the spSDK_AU_Variable.
969092	Thick Client	The Plant Applications Client Schedule View display showed process orders in an order based on Implied Sequence.
963797	PA Server - Summary Manager	Historian 8.1 High Availability was not working with Plant Applications 8.2.

Case#	Area	Description
00953527	SQL Server	spCSS_LoginUser2 used the PPA password in plain text.
00899910	Plant Applications Administrator	Plant Applications Administrator would freeze momentarily when reprocessing production events.
897491	Thick Client	Model 800 would not trigger production event-based variables to load data when an event (Timestamp or Status) is updated.
00623905, 00812332	Thick Client	The Schedule View Move Forward/Backward feature stopped working when a PO at pending status in the middle of sequence was switched to Next/Active state.
0181549	Thick Client	The login code for plant applications for sql passed the user password as plain text with the PPA or domain password.
00944057	Thick Client	The system displayed too many messages while switching user from a view.
00905126	Plant Applications Administrator	When trying to edit the settings of a client display, Plant Applications Administrator crashed with Runtime error '380'
930337	OEE	Modification of functions fnBF_GetPSFromEvents and fnBF_wrQuickOEEslices.
907138	Work Queue	When new serial numbers were added to BOM, the UNIT did not display the serial number if it had more than 40 characters.
00883600, 00906803	Web Client - Activity	Activity screen could not perform an activity without start time.
00885290, 00897909	Web Client	There was inconsistent behavior in the alternate Variable Description in the Classic Plant Applications Client and Web Client.
00816180	Web Client - Reports	The unit of measure in the Universal Client was not displayed correctly.

Case#	Area	Description
00891901	Web Client - Non Conformance	The Czech translation strings did not translate text with proper context.
01008344	OEE	<p>These were the following issues in ELC SPROC:</p> <ul style="list-style-type: none"> • Sysadmin access was not required to run the fn_splitstring function • OEE dashboard & report screen was not showing production events properly • Process order, product and other related entities were not shown properly for activities (user defined and production types) • Activity description was showing 'event_num', rather than the lot identifier
00931897	Web Client - Downtime	Allowed users to select Primary or Secondary unit in the Plant Applications Web Client when creating new Downtime event.
00854390	Web Client - Downtime	UCC: MaxEdit was not functionally the same as thick client.
00877888	Web Client - Analysis	The Show Specifications option did not display when the specification was added to previous days.
DE167652	Operations Hub	Multiple identical rows appeared in the Operations Hub activities display for each newly created activity.
985094	Documentation	The online Help was updated for installation log file names.
906723	Web Client - Work Order	Plant Applications event-based calculations (production event or UDE-based) did not work for events.
429589	SQL Server	For Non-Unicode languages, the collation of the sql server did not match the language.
774296	Documentation	The online Help was updated for enabling a Production Line for using a Route.

Case#	Area	Description
824450	Web Client - Down-time	Manually Splitting of a downtime event in the Universal Client did not auto-calculate result when the first duration was entered.
867005	Documentation	The online Help was updated for Production Path Alarms.
00885290, 00897909	Web Client	Inconsistent behavior of the alternate Variable Description in the Classic Plant Applications Client and the Universal Client (Web Client).
00939013	Web Client	The online Help was updated for Network Port requirements.
00937886, 00950791	Documentation	The online Help was updated for SQL Server requirements.
00961961	Documentation	The online Help was updated for <code>silent-installer.yml</code> file.
00963020	Documentation	The online Help was updated for the Product Options.
636415	Web Client - Analysis	Issues with duplicate Trend names.
986668	Database	spServer_SchMgrCalcStats SIM2 break PO production counting when Production Plant Starts records are missing.
876854	Database	Function fnCMN_GetOutsideAreaTimebyUnit counted downtime time as negative number.
814485	Database	Duplicate Columns found in Daylight Savings Time Change in Fall.
893996	MES Core	Failed to create Autolog display after upgrading Plant Applications from 7.0 SIM 3 to SIM 8.
963084	Purge Configuration	Purge Utility - System.Threading.ThreadException-EventArgs from Units and Variables tab.
926264	Thick Client	Plant Applications Client displays did not show Downtime and Production Event data.

Case#	Area	Description
00933769	Plant Applications Purge Configuration	The Help file was missing in the Purge Client.
985520	Activities	Comment for an Auto Complete task had the time in UTC for Activities.
970245	Message Bridge	Plant Applications Message Bridge failed to start with conversion error.
850364	Thick Client	Operator access user was able to delete reasons outside Max Edit window.
943111	Database	New index on Waste_Event_Details for Work_Order_-Number.
984141	Database	Issue in upgrading from Plant Applications 5 to 8.2 with spSupport_VerifyDB_Key.
935022	Thick Client	Alarms generated did not refresh in alarm screen or display pop-up.
816516	Thick Client	Generating alarm caused Client to stop responding.
936932	Thick Client	Plant Application Client Non-Productive Time display did not respond when the user selected Show/Hide Unit list button.
954859	Activities	Activities - Permission required.
00766502	Thick Client	PUG_Order for Child Variables did not update when Parent Variable was moved.
00814533	Database	When TimeZoneTranslations table was replicated, the site did not know the correct time zone.
00880668	SDK	Incorrect behavior of PAVariableResultEventQuery on Locked event.
00881270	Database	Report Server call of spServer_CMNGetLicenseMgrInfo was not updated.
00885014	Documentation	The online Help was updated to address the issue of inconsistent multi-language descriptions.

Case#	Area	Description
00891949	Thick Client	Resizing the window caused the Plant Applications (Receiving Inspection) to reload the screen.
00897319	Web Client - Process Orders	Process Order Web Client Display Remaining END filed calculation was incorrect.
00926339	PA Server - Installer	Plant Applications Server setup did not start when the SQL user password with which Plant Applications was installed had ; (semicolon) character.
00934836	Work Order	.NET upgrade resulted in work order service for SQL connect loop and then hung.
00908660	Thick Client	Enabling Cancelled Tests was not updating Client Autolog (UDE) cells correctly when using Result Set 2.
00922145	PA Server - Installer	Service firewall rules were re-created after restarting but were not enabled.
00939701	Web Client - Standard Installer	Plant Applications Web Client could not connect to sql server non-standard port.
00946711	PA Server - Installer	Plant Applications server Install did not prompt for comxclient password for Message Bridge.
00953035	Work Order	No Quality Variables were visible after clockon to a new work order.
00956800	PA Server - Support Utilities	RDS Client Install: The Proficy Server was not on @servername. Error occurred when SQL Server Service Account ComXclient has had the default password changed using the ProfPWManager_UC.exe utility.
00968449	Thick Client Upgrade	Plant Application Client Upgrade did not update all the required files.
00985094	Documentation	The online Help was updated for the installation log file name and the path.
00986013	Documentation	The online Help was updated for discontinued Downtime Model 201.

Case#	Area	Description
00987861	Documentation	The online Help was updated to address the connectivity issue of Work Order service to the SQL server.
00178931	Thick Client	Waste plus display kept reason level even if it did not exist.
00927590	Web Client - Standard Installer	The Web Client install failed because Test_History table did not have Test_History_Id column.
00999494	PA Server Upgrade	The MessageBridgeService folder and the MES-core did not include correct versions of the PAMsgs-Support.dll file.
00905960	Web Client Install	<p>The uaac-install.bat scanned external gem repositories. This issue is resolved. Now the Plant Application installer validates the following details:</p> <ul style="list-style-type: none"> • UAA connection • User • Scope creation <p>The installer fails if any of this validation is not successful.</p>
00905955	Web Client Install	<p>Plant Applications 2022 evaluated results from the uaac\install.bat file. Now, it uses the UAA API. The Plant Application installer also validates the following details:</p> <ul style="list-style-type: none"> • UAA connection • User • Scope creation <p>The installer fails if any of this validation is not successful.</p>
00929631	Web Client - Enterprise Installer	An error in deploying PApamymachinesservice stack prevented Web-Client Certificate to be installed properly using util. This issue is resolved.

Case#	Area	Description
		Updated the instruction for replacing the self-signed certificates. Running utility.sh -l -ssl reset does not need any stack to be restarted.
00939701	Web Client - Installer	Plant Applications Web Client did not connect to the SQL Server when installed with a port number. This issue is resolved. Now, the Plant Applications Web Client connects with the SQL Server Non Standard port.
00997806, 00996835, 1000059, 00997943	Plant Applications	Log4j Vulnerabilities resolved.
01002243	Database	When the operator skipped more activities, the PA Web Client blocked the DatabaseMgr and created a record in the Pending_ResultSets table with RS_Value XML content having more than 30,000 characters. Parsing such record by the spServer_DBMgrGetPendingResultSets took more than 30 seconds. This issue is now resolved.
00528605	Web Reports	The Event details report displayed an error message when a specific combination of dates was selected. This issue occurred for the Dutch regional settings.
00938945	Thick Client	The Process Order/Time variable summarized data incorrectly
01000691	Web Client - Enterprise Installer	Plant Applications Enterprise installer failed if PASS-WORDS_OR_CERTS_UPDATED was set to "false".
00998355	Documentation	The online Help was updated for the Sampling engine configuration.
00992317	Web Client - ERP	During Material Lot Import, the system displayed the following: 500 Internal Server Error. This points to logs in the Product Service about Duplicate Event Ids.
00992329	Web Client - Property Definition	When a default value for a property was updated in the Property Definition application, the system did not

Case#	Area	Description
		warn the user of the change in the property's default value.
00992335	Web Client - Receiving Inspection	When the user tried to rectify a duplicate Serial Number, the system did not allow to make the changes.
00993008	Web Client - Receiving Inspection	There was an issue viewing uploaded documents to the Comments form in the Inspection Criteria tab.
DE186282	Genealogy	The following elements are only translated in English: <ul style="list-style-type: none"> • The BOM tab - Column chooser, Column Header, Search Placeholder, and Drag column text • The Graph tab Consume and Hold text

Known Issues and Limitations

The following known issues and limitations exist.

Table 1. Plant Applications Web Admin

The following known issues and limitations exist.

Issue#	Area	Description
DE185477	Web Admin	Plant Applications Web Admin does not support 'Object Types' and 'Historians' for Plant Applications 2023 release. To remove their roles, do the following: <ol style="list-style-type: none"> 1. Go to Security Management application. 2. Navigate to the Roles page, then click Edit for any role. 3. Navigate to the Web Administrator tab, then clear the check boxes for Administer Object Types and Administer Historians.

Table 1. Plant Applications Web Admin*The following known issues and limitations exist.**(continued)*


Issue#	Area	Description
		 Note: Even if you assign the roles for Administer Object Types and Administer Historians , the system will not perform the functions for Object Types and Historian.
DE183511	Web Admin	When the user creates a new revision for the material and it's specification, the draft specification revision displays an effective date which is equal to the effective date of the previous published revision.
DE184221	Web Admin	For a plant model entity, the following menu options require to be enabled in the details panel: <ul style="list-style-type: none"> • For draft plant model entity: Browse revision history and Publish. • For a published model entity: Browse revision history and New revision.

Table 2. Plant Applications Web Server*The following known issues and limitations exist.*

Issue#	Area	Description
DE192694	Web Server	PlantApps Manager logs are logged at the following Web Server log path: C:\Program Files (x86)\Proficy\Plant Applications Web Server\Report Server\Logs.
DE192706	Web Server	The killrs.log file is created in C: drive in a folder named 'Program'. The log file path should be passed with double quotes or shortfile path should be used.

Table 2. Plant Applications Web Server*The following known issues and limitations exist.*

(continued)

Issue#	Area	Description
		The killrs.log file should be created in the following path: C:\Program Files (x86)\Proficy\Plant Applications Web Server\Report Server\Logs.
DE195072	Web Server	Log path in site parameters is created with Fully Qualified Domain Name (FQDN) instead of NetBIOS name.
DE195073	Web Server	ProfPDF Service_Desc is created with Fully Qualified Domain Name (FQDN) in CXS_Service table.

Table 3. Plant Applications Web Client*The following known issues and limitations exist.*

Issue#	Area	Description
DE194655	Web Client	Ansible installer was not able to handle passwords with "+".
DE194878	Web Client	<p>DT+ and Waste+ displays do not load when the Plant Applications Client is installed on E: drive.</p> <p>Workaround</p> <ol style="list-style-type: none"> 1. Close Plant Applications Client. 2. Run the following command: C:\Windows\Microsoft.NET\Framework\v4.0.30319\regasm.exe "E:\Program Files (x86)\Proficy\Plant Applications Client\Client\PlantApps.WPFDisplays.DisplayWrapper.dll" /codebase /tlb:"E:\Program Files (x86)\Proficy\Plant Applications Client\Client\PlantApps.WPFDisplays.DisplayWrapper.tlb" 3. Start Plant Applications Client.

Table 3. Plant Applications Web Client*The following known issues and limitations exist.***(continued)**


Issue#	Area	Description
		 Note: When the user installs Plant Applications Client other than C: drive, then this issue arises. If user installs Plant Applications on F: drive, then the user must change the 'drive' letter in the above command.
DE194754	Approval Cockpit	User is not able to add attachments such as images, videos, and audios to a comment in the Approval Cockpit application.
DE176022	Web Client	The comment video recording has a known issue where the user cannot record and add a video to a comment in Plant Applications Web Client using an iPad.
DE194529	Process Order, Downtime, Activities, Waste, Work Order Manager	Not able to download Grid data using Export as CSV and Export as Excel options in iPad.
00999599	Alarms	There are issues with the Alarmview ActiveX control. The current workaround is to ensure that the <code>In-terop.PRMsgs.dll</code> is available in the below folder paths in the custom .Net application to trigger events: <ul style="list-style-type: none"> • <code><project>\obj\x86\Release</code> • <code><project>\obj\x86\Debug</code> • <code><project>\bin\x86\Release</code> • <code><project>\bin\x86\Debug</code>
DE194284	Non Conformance	Deleted operations are displayed on the Create CTP Disposition screen in Non Conformance.
DE194288	Non Conformance	Plan column does not display data when user clicks on View (Eye icon) on the History tab.

Table 3. Plant Applications Web Client

The following known issues and limitations exist.

(continued)


Issue#	Area	Description
DE194030	Non Conformance	<p>In the Non Conformance application, when you Perform Disposition for the NC, if you move the NC to Material Review Board (MRB) from the DISPOSITIONS drop-down list, and then move the NC from MRB to Scrap, the following error message is displayed: <code>Unable to process your request. Try again.</code></p> <p>As a workaround, in Plant Applications Administrator, you must configure MRB/NCR to Scrap as a Valid Transition Status. Following are the steps to configure MRB/NCR to Scrap as the valid transition status:</p> <ol style="list-style-type: none"> 1. In Plant Applications Administrator > Plant Model, navigate to Unit Properties Configuration for the required unit. <div style="border: 1px solid #0070C0; border-radius: 10px; padding: 10px; margin: 10px 0;"> <p> Note: The required status is configured on the unit where the serial/lot is created.</p> </div> <ol style="list-style-type: none"> 2. From the available Production Statuses, select Scrap. 3. Select Copy From. 4. Select MRB/NCR. 5. Move the Scrap status to the Valid Transition list. <p>After the configuration in Plant Applications Administrator, you can dispose the NC that is in MRB/NCR to Scrap.</p>
DE192658	Waste	In the Waste application, the KPIs tab data was distorted when the user entered a lengthy product name.
DE185864	Work Order Manager	When the user selects all the materials (30k) from the materials drop-down list with the screen resolution set to 10

Table 3. Plant Applications Web Client*The following known issues and limitations exist.***(continued)**


Issue#	Area	Description
		percent, the system becomes unresponsive and displays 400 Bad Request response.
DE185470	Unit Operations/Work Order Manager/BOM Editor/Route Management	When a material is assigned to more than one product group, then the material is listed multiple times in the GO TO search drop-down list.
DE192143	Unit Operations, Work Queue, and Process Orders	<p>In the Unit Operations, Work Queue, and Process Orders applications, when you attempt to expand the width of MATERIAL and MATERIAL DESCRIPTION columns in the BOM grid view, the column width is not modified. As a workaround, you must reset the user settings for the BOM grid view to fix this issue. Following are the steps to reset user settings:</p> <ol style="list-style-type: none"> 1. Navigate to the operator-app-service swagger URL: <a href="https://<FQDN or Hostname>:5059/operator-app-service/swagger-ui.html">https://<FQDN or Hostname>:5059/operator-app-service/swagger-ui.html. 2. In user-settings-controller: <ol style="list-style-type: none"> a. Select <code>GET/v2/settings/apps</code>. In the Parameters section, enter the application name in the appName field (Example: Unit Operations) and then, select Execute. <div data-bbox="889 1499 1419 1717" style="border: 1px solid #00a0c0; border-radius: 10px; padding: 10px; margin: 10px 0;"> <p> Note: Application details such as, app category, description, id, and so on are displayed.</p> </div> <ol style="list-style-type: none"> b. Select <code>DELETE/v2/settings/apps</code>. In the Parameters section, enter the id number (displayed after step a) in the appId field and en-

Table 3. Plant Applications Web Client*The following known issues and limitations exist.***(continued)**


Issue#	Area	Description
		<p>ter bomGrid in the viewName field, and then select Execute.</p> <div data-bbox="889 527 1419 701" style="border: 1px solid #00a0e3; border-radius: 10px; padding: 10px; background-color: #e6f2ff;"> <p> Note: The current BOM grid view settings for the user will be deleted.</p> </div> <p>When you login the next time, the BOM grid view settings will be reset to the original grid view settings. The column width for MATERIAL and MATERIAL DESCRIPTION can be modified as required.</p>
DE186559	Work Queue/Work Order/Unit Operations	Photo, video, and attachments are not displayed in Non-Conformance View pop-up window when user adds these attachments under Additional Information tab in the Create NC pop-up window.
DE186896	Work Order Manager	The required quantity of split operation is not correct when the user changes the BOM assignment for an In-Progress work order from the Work Order Manager screen.
DE187077	Route Editor	When a route does not have any assigned properties or the property value is modified, the PRE call shows the default property value.
DE176308	Work Queue/Unit Operations/Work Order Manager	The system displays the message: Duplicate serial/Lot# not allowed even though unique serial/lot# name is auto populated.
DE194391	Autolog	Variable cell color needs to be updated for the custom variable and string variable.
DE194359	Autolog	When updating the test value in the ESIG column if the user cancels the E-sign, then the old value disappears from the cell.

Table 3. Plant Applications Web Client*The following known issues and limitations exist.***(continued)**

Issue#	Area	Description
DE194337	Autolog	There is a functionality issue to indicate whether a test value has a comment or not.
DE194336	Autolog	There is a functionality issue with the Event Num formatting.
DE194334	Autolog	Allows the user to close the sheets without saving them first.
DE194335	Autolog	The Enter key does not work after entering a value on the last variable of the sheet.
DE194267	Autolog	When the user adds a comment, the text is still displayed in the right side instead of getting cleared.
DE191782	Autolog	When using the Autolog application, the page becomes unresponsive and takes time to load the content.
DE194640	Autolog	There are navigational issues with the left and right pane.
DE194744	Autolog	Adhoc trend displays test values of the deleted events from the time-based sheet.
DE194747, DE194750	Autolog	When a new event is added, the test values are displayed as null and does not give specifications and alarms. User must enter any test value after creating the new event and then re-open the sheet to get these features for the first time.
DE195256	Route Editor	When a property definition having Boolean data type is added, then while saving the route, the system displays 500 Internal Server Error.
DE194978	Route Editor	When a route is created with two operations and documents are assigned to each operation, then after saving the route, one of the operation displays duplicate document.

Table 3. Plant Applications Web Client*The following known issues and limitations exist.***(continued)**

Issue#	Area	Description
DE194995	Route Editor	When a route is created with two operations and documents are assigned to each operation, then after saving the changes, the operation level document does not display correctly.

Table 4. Plant Applications Web Client Language Translation Issues*The following known issues and limitations exist.*

Issue#	Area	Description
DE185772	Work Queue	<p>The following elements are only translated in English:</p> <ul style="list-style-type: none"> • 'Tab names' when the screen resolution is set to 90 percent • 'Column Chooser' on the landing page • The BOM tab column names • The Column Chooser tool tip • The BOM Formulation properties tool tip • The BOM Formulation properties pop-up window title • The BOM Formulation properties pop-up value column • The 'No Data to Display' text on the BOM Formulation properties pop-up window • 'No Data to Display' text on the landing page • The Quality tab 'autolog'. Not translated in Arabic • The 'Cancel' option in the Comment pop-up window • The 'Cancel' and 'Yes' options in the warning message when discarding a comment • The 'Cancel' option in the warning message when deleting a comment • The 'Cancel' and 'Yes' options in the warning message when discarding comment for a serial lot

Table 4. Plant Applications Web Client Language Translation Issues*The following known issues and limitations exist.***(continued)**

Issue#	Area	Description
		<ul style="list-style-type: none"> • 'RESULTS' in Create defect pop-up window • The 'General Details' tab in Create defect pop-up window • The 'Column names' tab in Create defect pop-up window • 'DISCRIPTION' in View defect pop-up window • Pagination • The Cancel option filter pop-up • The Cancel option clock on filter pop-up • The Cancel option attachment pop-up
DE186278	Process Order	<p>The following elements are only translated in English:</p> <ul style="list-style-type: none"> • The 'Apply' option on search pop-up window • The 'Cancel' option on Filter pop-up window • The 'Cancel' option on Comment pop-up window • The 'Yes' and 'Cancel' options on Discard comment warning pop-up • The 'Cancel' option on Delete comment pop-up • The 'Cancel' option on Upload file pop-up • The Column headers in the BOM tab • The Column headers in the BOM tab • The Column chooser in the history tab • Pagination in the History tab
DE186280	Line Overview/Operator Log	<p>The following elements are only translated in English:</p> <ul style="list-style-type: none"> • For Line overview: <ul style="list-style-type: none"> ◦ Availability and Total Downtime • For Operator log: <ul style="list-style-type: none"> ◦ Hand-Offs menu ◦ View by label, list items, and search placeholder ◦ Add Log Entry option

Table 4. Plant Applications Web Client Language Translation Issues

The following known issues and limitations exist.

(continued)

Issue#	Area	Description
		<ul style="list-style-type: none"> ◦ Hands-Offs View by label, list items, and search placeholder ◦ Entered by
DE185797	Non Conformance	<p>The following elements are only translated in English:</p> <ul style="list-style-type: none"> • The Edit menu under More options • The Column names in Edit defect pop-up • The labels and tab names in View defect pop-up. Defect summary tab • The labels and tab names in View defect pop-up. Disposing summary tab • The labels and tab names in View Disposition pop-up. Defect summary tab • The labels and tab names in View Disposition pop-up. Disposing summary tab • The column names when disposing Receiving Inspection defect
DE185792	Work Order Manager	<p>The following elements are only translated in English:</p> <ul style="list-style-type: none"> • The pagination landing page • The 'Tab names' when the screen resolution is set to 90 percent • The BOM tab column names and Column Chooser • The Variable tab in Edit Work order • The column header in resource tab in Edit Work order • The column header in BOM tab in Edit Work order • "Drag a column header here to group by that column" message in By value tab in the Property tab in Edit Work order • Add variable pop-up title • Add variable pop-up tab

Table 4. Plant Applications Web Client Language Translation Issues

The following known issues and limitations exist.

(continued)

Issue#	Area	Description
		<ul style="list-style-type: none">• Add variable pop-up material tab columns• Add variable pop-up Equipment tab columns• The Variable tab column header in Edit Work order