



GE VERNOVA

Asset Performance Management
On-Premises APM
V5.2.2.0.0

Release Notes

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Chapter 1

Overview

Topics:

- [About Release Notes](#)

About Release Notes

The APM Release Notes describe changes in the latest product. If you are using customized database content, the behavior that you see in your system may differ from what is described here. From Q1 2020, you can view the release notes sorted by quarter, and then by release dates. After you filter release notes by a release date, you can access the release notes for all the modules contributing to the release. You can view the modules that are released on a selected date in the **On this page** list. The following types of Release Notes are included, as applicable, for each release:

- **New Features and Enhancements:** A list of new features and improvements that are being introduced in each module in the release.
- **Resolved Issues:** A list of issues that existed in previous versions of APM that have been resolved in the release.
- **Obsolete Features:** A list of features that are now obsolete as a result of changes made in the release.
- **Known Issues and Limitations:** A list of issues that exist in the latest version of APM.
- **Deferred Features:** A list of functionally equivalent features that are not included in the release, but are planned for a future release.

Chapter 2

End-of-Life Features

Topics:

- [End-of-Life Features in V5.2.2.0.0](#)
- [Upcoming End-of-Life Features](#)

End-of-Life Features in V5.2.2.0.0

There are no end-of-life features in this release.

Upcoming End-of-Life Features

- **Calibration Management:** As part of continuous improvement process, integration of Calibration Management module with Druck calibrators will no longer be supported with the Q3 2025 release. The following Calibrators will reach end of life and will no longer be available with the Q3 2025 release.
 - Druck DPI611
 - Druck DPI612
 - Druck DPI620
 - Druck DPI620G (Genii)
 - Druck DPI620G-IS (Genii)
 - Druck DPI620-IS
- **Pipeline Integrity Management:** As part of continuous improvement process and lack of adoption, RBI Pipeline analysis along with pipeline specific damage mechanism and consequence models on Criticality RBI Pipeline Segment will reach end of life and will be no longer available with the Q3 2025 release.
- **Published Inspections:** The Published field will be removed from datasheets of Inspection families and related records and will no longer be automatically populated by APM from the Q1 2025 release.
- **Thickness Monitoring Dataloggers:** The existing TM Datalogger GE DMS2 and Olympus (Panametrics) 37DL Plus Ultrasonic Thickness Gage will reach end of life and will be no longer available with the Q2 2025 release. We recommend all customers to use the rest of the existing dataloggers, i.e., GE DMS Go, GE DMS Go+, Olympus (Panametrics) 38DL Plus Ultrasonic Thickness Gage, and Olympus Epoch 650.

Chapter 3

APM Release Notes for V5.2.X

Topics:

- [V5.2.2.0.0](#)
- [V5.2.1.0.0](#)
- [V5.2.0.1.0](#)
- [V5.2.0.0.0](#)

V5.2.2.0.0

Action Management

This topic provides a list of product changes released for this module in this version.

Table 1: Resolved Issues

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

Description	Tracking ID
Previously, when using certain filter combinations on the Strategy Actions page within Action Management, the second page of results was not displayed. This issue has been resolved. Now, all pages of records will display properly when using filtering.	862363
Previously, when you selected a Recommendation that superseded another and selected the Linked Recommended Actions button to display the related Recommendations, the hyperlink to open the Linked Recommendations did not work as expected. This issue has been resolved. Now, all Linked Recommendations open in a new window when you select the hyperlink.	738848

Advanced Visualization

This topic provides a list of product changes released for this module in this version.

Table 2: Resolved Issues

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

Description	Tracking ID
Previously, when running a query using the Advanced Visualization proxy, an error occurred. This issue has been resolved.	903322

APM Connect

This topic provides a list of product changes released for this module in this version.

Table 3: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
You can now cancel a Data Loader job after it has been initiated. Note: Only the user who has initiated the job or an admin can cancel the job.	83761

Asset Criticality Analysis

This topic provides a list of product changes released for this module in this version.

Table 4: Resolved Issues

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

Description	Tracking ID
Previously, when you attempted to load data containing ACA Analyses in different states via the ACA Data Loader, an incorrect error message was displayed. This issue has been resolved.	851294
Previously, when loading data via the ACA Data Loader the number of rejected records was always displaying zero even if there were rejected records. This issue has been resolved. Now, the count of rejected records is being displayed properly in the data loader log.	736776

Asset Health Manager

This topic provides a list of product changes released for this module in this version.

Table 5: Resolved Issues

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

Description	Tracking ID
Previously, when you attempted to create a General Recommendation from Asset Health Manager after opening an RCA record from the RCA module, the RCA Recommendation datasheet was erroneously displayed. This issue has been resolved.	737418

Asset Strategy Implementation

This topic provides a list of product changes released for this module in this version.

Table 6: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
The ASI package functionality has been enhanced so that when the Cycle on a Maintenance Plan is modified, the Maintenance Plan shows a modified status indicator.	855518
The default value of Plant Maintenance has been added to the Priority Type field.	853819

Table 7: Resolved Issues

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

Description	Tracking ID
<p>Previously, the Import from SAP functionality was failing if the existing Asset Strategy was in an active state. This issue has been resolved in the baseline database. However, existing customers must follow a workaround to manually resolve the issue:</p> <ol style="list-style-type: none"> 1. Change the hardcoded operation in the Baseline State Machine from "Propose 2" to "Repropose". 2. To resolve the issue, perform the steps available in KB000059784. 	892263
<p>Previously, in the search dialog of Maintenance Items, the EAM System filter was not applied for certain lookup fields. This issue has been resolved.</p>	853819
<p>Previously, when you configured certain fields with disabled behaviors, they were functioning incorrectly. This issue has been resolved.</p>	853819
<p>Previously, when you attempted to update the status of a Work Management Item (WMI) using a Family Data Loader, the status changed on the backend but did not reflect in the user interface. This issue has been resolved. Now, changes to the status of a WMI using a data loader are properly displayed in the user interface. Additionally, an ASI Admin option has been created to control whether Maintenance Plans and Items are displayed as Modified if any child WMI is modified.</p>	859107
<p>Previously, you could not export an Implementation Package when certain customizations were applied. This issue has been resolved. Now, you can successfully export Implementation Packages even if customizations are applied.</p>	816200
<p>Previously, the Link and Copy options were not displayed when importing a General Task List from SAP. This issue has been resolved.</p>	740391
<p>Previously, when importing a Task List from SAP, there was no indicator to show that the operation was in progress. This issue has been resolved.</p>	739376
<p>Previously, when you attempted to remove the value in the Cycle field in a Maintenance Package, an error occurred. This issue has been resolved.</p>	739360
<p>Previously, an error appeared in the Linked Actions section for a Maintenance Item, which prevented the linking functionality. This issue has been resolved. To facilitate this fix, the field length of the Maintenance Item Description field has been increased to 255 characters.</p>	739354
<p>Previously, when importing an Object List Item from SAP under a Maintenance Item, the busy indicator remained even after the import was completed. This issue has been resolved.</p>	738847
<p>Previously, if you deleted a Task List that was in an Added state [+], the child Operations were not deleted. This issue has been resolved.</p>	736775

Asset Strategy Management

This topic provides a list of product changes released for this module in this version.

Table 8: Resolved Issues

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

Description	Tracking ID
Previously, on changing the state of an asset strategy from modified to proposed or from Pending review to Rework, random errors were getting generated. This issue has been resolved.	875814
Previously, when you created an ASO Analysis from a System Strategy where any Asset Strategies were Controlled by Master, the Optimize Strategy button was not getting disabled until you refreshed the screen. This issue has been resolved. Now, the Optimize Strategy button will be disabled when an ASO Analysis is created.	870439
Previously, you were unable to successfully open or create an Asset Strategy when using a 64-bit Chrome browser and a configured risk matrix. This issue has been resolved.	868344
Previously, when you approved an Inspection Plan and an Asset Strategy was created, and you attempted to open the Asset Strategy, an error was generated. This issue has been resolved. Now, the associated Asset Strategy opens without any error.	867626
Previously, after adding a Secondary Action to an Asset Strategy Template, an error appeared. This issue has been resolved. Now, no error is generated when adding a Secondary Action to an Asset Strategy Template.	863862
Previously, you were unable to activate an Asset Strategy Template when the strategy ID was same as the Secondary Action ID. This issue has been resolved. Now, you can activate Asset Strategy Templates that have the same ID as one of the Secondary Action IDs.	826243
Previously, when you promoted an action from Reliability Centered Maintenance (RCM) to Asset Strategy Management (ASM), errors appeared with the Undo Actions functionality and when deleting the associated Asset Strategy. This issue has been resolved. Now, these functions execute successfully without any errors.	816219
Previously, if you created a single risk with no Actions or if you unselected all the Actions in the Risk Analysis section, an error occurred. This issue has been resolved.	677289

Asset Strategy Optimization

This topic provides a list of product changes released for this module in this version.

Table 9: Resolved Issues

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

Description	Tracking ID
Previously, in the grid view, a validation error and red icon were not removed, even after data correction and saving. This issue has been resolved.	858993
Previously, the Action Optimization feature incorrectly updated the Action Description field within the associated Action in Asset Strategy. This issue has been resolved. Now, only the Action Interval and Interval Unit fields are updated, leaving the Action Description field unchanged.	728642

Calibration Management

This topic provides a list of product changes released for this module in this version.

Table 10: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
When performing automated calibration using a device, if the GE Device Service installed on your machine is not compatible with the APM version, a message appears in the Send for Calibration or the Receive From Device window, prompting you to install the latest version of the GE Device Service.	859490
You can now save the date range filter settings in the Calibration Queue section of the Calibration Management Overview page. The filter settings will not be overwritten by the date range preference under Admin settings, even after logging again.	824828

Datasets

This topic provides a list of product changes released for this module in this version.

Table 11: Resolved Issues

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

Description	Tracking ID
Previously, when you attempted to create a dataset from an Excel spreadsheet, if any cells contained formulas, such as VLOOKUP or CONCATENATE, the cells were not converted to their corresponding values. This issue has been resolved.	649923

General Dashboards

This topic provides a list of product changes released for this module in this version.


Table 12: Resolved Issues

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

Description	Tracking ID
Previously, in the General Recommendation section, selecting a target date value caused the field to become blank. This issue has now been resolved.	619205

Table 13: Known Issues and Limitations

The following known issues and limitations exist.

Description	Tracking ID
<p>When you add a widget to a dashboard that contains a filter, the filter criteria are not automatically applied to the new widget.</p> <p>Workaround: Reapply the filter on the dashboard:</p> <ol style="list-style-type: none"> 1. Access the dashboard to which you have added the widget. 2. In the upper-left corner of the page, select , and then select Done. The filter is reapplied to the dashboard widgets, including the new one. <p>For more information, refer to KBA 00007095.</p>	721067

Generation Availability Analysis

This topic provides a list of product changes released for this module in this version.

Table 14: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
You can now include new EIA Energy Source fuel source code and Annual Energy Review fuel type code fields in the GAA Performance Fuel family. To facilitate this enhancement, the new fields are populated with the values present in the corresponding GAA Unit Entity whenever you create a performance record for a month and year for that GAA Unit.	886367
You can now generate bulk Performance Records for CEA units, including All Events and Excluding OMC records.	851357
The Unit Types for CEA units have been reviewed and adjusted to comply with the CEA Generation Manual 2019 document.	710149
You can now download Performance Reports for CEA units in bulk, either as single or multiple files.	693293

Graphs

This topic provides a list of product changes released for this module in this version.

Table 15: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
You can now show the series name in the legend of a graph. To facilitate this enhancement, a new option named Show series name in Legend with check box has been added to the graph settings. By default, this check box is not selected.	866421
You can now apply Point Padding, Show Label Outline, and Label Outline Color to heatmap graph types. To facilitate this enhancement, these options for the heatmap graph types have been added to the graph settings menu.	857843

Failure Modes and Effects Analysis

This topic provides a list of product changes released for this module in this version.

Table 16: Resolved Issues

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

Description	Tracking ID
Previously, when you were granted view permissions only to the MI RCM User security group, you could not perform the Save as Template function. This issue has been resolved. Now, you can successfully complete the Save as Template function if you have view only permissions to the MI RCM security group.	865564
Previously, there was a performance issue when accessing FMEA reports. This issue has been resolved. To facilitate this fix, the FMEA report catalog query <code>Baseline\Meridium\Modules\FMEA\Analysis\FMEA Recommendations by System</code> has been optimized, thus improving the performance.	858775
Previously, you could update an FMEA Analysis in an Approved state using the data loader. This issue has been resolved. Now, you are restricted from updating an existing FMEA Analysis in an Approved state.	851293
Previously, if a customer had configured master detail datasheet for the Functional Location family, a random error was generated when viewing an Asset record in an FMEA Analysis. This issue has been resolved. Now, no random errors will be generated when using a master detail configuration on the Functional Location family.	850379
Previously, when you attempted to consolidate one or more FMEA Recommendations, the resulting Consolidated Recommendation was defaulting to a Global Site. This issue has been resolved. Now, by default, the Consolidated Recommendation is created in the same Site as the Analysis.	740025

Family Management

This topic provides a list of product changes released for this module in this version.

Table 17: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
You can now select Advanced Visualization reports as part of Family Reports and set them as default. To facilitate this enhancement, a new type, AdvViz , has been added to the report type drop-down list box to enable searching for these reports.	906774

Family Policies

This topic provides a list of product changes released for this module in this version.

Table 18: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
To improve the User Experience, a new option Show errors in policy execution history and in the workflow where triggered is now introduced in Error Behavior for Family Policy, so that the same error that appears in the Policy Execution history, appears in the workflow that is triggered by selecting this option.	709365

Table 19: Resolved Issues

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

Description	Tracking ID
Previously, if you attempted to provide a single value to a multi-value query using the Query node, an error occurred. This issue has been resolved.	870801
Previously, the email sent by the Email Contact node contained missing data in the table if the batch job used a language other than English. This issue has been resolved.	867312
Previously, when you validated a family policy that executed the Cancel Transaction node, incorrect rows were added to the execution history log. This issue has been resolved. Now, validation of the Cancel Transaction node does not write any entries to the execution history log.	708791

Foundation

This topic provides a list of product changes released for this module in this version.

Table 20: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
You can now upgrade Elasticsearch to v8.17.x. Note: Elasticsearch v7.9.3.x is still supported in this version of APM.	864423

Table 21: Resolved Issues

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

Description	Tracking ID
Previously, if a family project referred to a client library, Visual Studio was unable to locate and debug the client library project. This issue has been resolved.	737173

Import and Export

This topic provides a list of product changes released for this module in this version.

Table 22: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
You can now import and export Advanced Visualization reports using the Import and Export tool.	856308

Inspection Management

This topic provides a list of product changes released for this module in this version.

Table 23: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
<p>The Target Completion Date Filter setting in the Underlying Open Recommendations and Recommendations Due for Implementation sections has been enhanced as follows:</p> <ul style="list-style-type: none"> The date filter you apply is saved as a user preference, which supersedes the default admin preference. The default admin preference for the date range is set to two months from the current date, which is used if you have not set a date filter. 	868392
<p>You can now manage Inspection Recommendations more efficiently. To facilitate this enhancement, a Recommendations tab has been added, allowing you to view, search, delete, and supersede Inspection recommendations.</p> <p>Note: The Recommendation panel has been removed from upper-right corner of the page.</p>	742506
<p>Support for Deferrals has been extended for Inspection Recommendations. To facilitate this enhancement, the following changes have been made:</p> <ul style="list-style-type: none"> Deferral records can now be created from the Inspection Recommendation grid and Panel. When Deferral Configuration is enabled, Inspection Recommendation Panel now contains a section for Deferral History which displays the historical Deferral records for an Inspection Recommendation. Deferral records can be deleted and reviewed from this section. Manage Deferral page now contains both Deferred Inspection task and recommendations. Deferrals can be created and linked to Inspection Recommendations via the Defer Inspection Recommendations data loader. The following fields have been added to Inspection Recommendation for tracking on approved Deferral: <ul style="list-style-type: none"> Original Completion Date Deferred Completion Date Basis Is Deferred 	689133

Description	Tracking ID
In the Inspection Management Data Loaders, the Inspection Profiles are now identified by the combination of Item Category and Item Description. This allows you to create multiple Inspection Profiles of the same category, provided you enter a different Item Description for each Inspection Profile.	281783
To enhance usability, the following improvements have been implemented: <ul style="list-style-type: none"> When you click the Apply button in the Inspection Task section's Date Filter, your selection is saved as your preference. Your saved preferences will always be used first, taking priority over admin date filter settings. The default admin preference is now set to a custom filter with a date range of two months from the current date. If no user preference is saved, the admin date filter configuration will be used. 	281055

Table 24: Resolved Issues

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

Description	Tracking ID
Previously, when you used the Inspection Management Assets or Inspection Management Functional Location Data Loader, and specified the task IDs in the Tasks Addressed field of an inspection in the Excel workbook, the Task Addressed field was not set correctly after performing the data load. This issue has been resolved.	891027
Previously, in the Inspection Management Overview page, when you attempted to delete an Inspection Task with a blank Task Type field, an error occurred and the Inspection Task was not deleted. This issue has been resolved.	826725
Previously, when rework was required on an approved inspection, the Inspection Report Owner and Reviewers Name fields were not updated to reflect the user who changed the state upon re-approval. This issue has now been resolved.	707122
Previously, the NR-13 Report failed to load because of performance issues in the Inspection Task Report query. This issue has been resolved. To facilitate this fix, the query has been optimized.	737936
Previously, the Equipment Technical Number field in the Inspections Family was limited to 50 characters. As a result, when creating an Inspection, if the Equipment Technical Number value was longer than 50 characters, an error occurred. This issue has been resolved. To facilitate this fix, the length of the Equipment Technical Number field has been increased to 255 characters.	736557

Table 25: Obsolete Features

The following features are no longer available.

Description	Tracking ID
The UpdatePublishedState function and the Published field are now obsolete.	688940

Integrity Mobile

This topic provides a list of product changes released for this module in this version.

Table 26: Resolved Issues

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

Description	Tracking ID
<p>Previously, when you attempted to access the All Tasks tab of the Integrity Mobile app, sometimes, a timeout error occurred. This issue has been resolved.</p> <p>Note: To resolve this issue, the following query has been modified to remove the column Existing Inspection and the LEFT JOIN on the MI_INSP_001 table:</p> <ul style="list-style-type: none">Public\Meridium\Modules\Inspection\Overview Queries\All Tasks for Date Range <p>If you have previously modified this query, you must either revert this query to baseline, or make similar modifications.</p>	891003

Metrics and Scorecards

This topic provides a list of product changes released for this module in this version.

Table 27: Resolved Issues

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

Description	Tracking ID
<p>Previously, the date values in timeline charts that were part of a KPI differed from the corresponding values in the tabular view. This issue has been resolved.</p>	870466

Policy Designer

This topic provides a list of product changes released for this module in this version.

Table 28: Resolved Issues

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

Description	Tracking ID
<p>Previously, if you attempted to provide a single value to a multi-value query using the Query node, an error occurred. This issue has been resolved.</p>	870801
<p>Previously, the email sent by the Email Contact node contained missing data in the table if the batch job used a language other than English. This issue has been resolved.</p>	867312
<p>Previously, when a Case node fetched inputs from a predecessor Condition node, the policy was executed without executing the Case node branch. This issue has been resolved.</p>	827653

Description	Tracking ID
Previously, in an API node, the Add API Key authorization to option appeared regardless of the authorization type. This issue has been resolved.	815659
Previously, in the Policy Designer Overview page, in the Module Workflow Policies section, the search results did not appear if you set the UOM Conversion Set to a value other than none. This issue has been resolved.	739694

Production Loss Analysis

This topic provides a list of product changes released for this module in this version.

Table 29: Resolved Issues

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

Description	Tracking ID
Previously, there were performance issues when attempting to load the list in the Production Event Code field within a Production Event. This issue has been resolved.	912604
Previously, the hyperlink that was generated for a Production Event in the URL Builder utility was incorrect. This issue has been resolved.	867212

Queries

This topic provides a list of product changes released for this module in this version.

Table 30: Resolved Issues

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

Description	Tracking ID
Previously, when you attempted to export a query with a GROUP BY clause and a MIN or MAX function applied on a character field, an error occurred. This issue has been resolved.	857132
Previously, if you were using an Oracle database, the query export downloads page did not appear. This issue has been resolved.	572214
Previously, if a query contained multiple AND and OR conditions on the same columns, the conditions were used multiple times. This issue has been resolved.	281265

Record Manager

This topic provides a list of product changes released for this module in this version.

Table 31: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
In a Bulk Data Form and a Master Detail Form, you can now configure the column size to automatically fit the contents. To facilitate this enhancement, the Enable Auto-Fit Columns option has been added to the Table Settings window. This setting is saved as a user preference.	270403

Table 32: Resolved Issues

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

Description	Tracking ID
Previously, any changes made to a record in the BeforeUpdate family policy did not reflect on the Bulk Data Form page, and no notification was displayed. This issue has been resolved. Now, a notification appears when you save the Bulk Data Form.	861344
Previously, when accessing an Asset in Record Manager, the complete list of families did not appear in the left pane under All Families . This issue has been resolved.	857623
Previously, if you set the behaviour of a date field, the behaviour evaluation failed. This issue has been resolved.	739515

Reliability Analytics

This topic provides a list of product changes released for this module in this version.

Table 33: Resolved Issues

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

Description	Tracking ID
Previously, when you renamed a Growth Analysis and saved the changes, the Last Event Date and Next Estimated Event Date fields were erroneously updated. This issue has been resolved.	871182

Reliability Centered Maintenance

This topic provides a list of product changes released for this module in this version.

Table 34: Resolved Issues

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

Description	Tracking ID
Previously, when you were granted view permissions only to the MI RCM User security group, you could not perform the Save as Template function. This issue has been resolved.	865564
Previously, you could update an RCM Analysis in an Approved state using the data loader. This issue has been resolved. Now, you cannot update an RCM Analysis in an Approved state.	851293

Description	Tracking ID
Previously, if you were not a member of the MI ASM Analyst Security Group, when you attempted to create an RCM Analysis, the datasheet did not load and no error was displayed. This issue has been resolved. Now, an error message appears.	817627
Previously, in the Recommendation tab of an RCM Analysis Template, the Recommendation ID link did not work as expected. This issue has been resolved. Now, when you select Recommendation ID field, the link opens the Recommendation datasheet.	740050
Previously, when you attempted to consolidate one or more RCM Recommendations, the resulting Consolidated Recommendation set to the Global Site by default. This issue has been resolved. Now, by default, the Consolidated Recommendation is created in the same Site as the Analysis.	740025
Previously, when attempting to apply an RCM/FMEA Failure Mode template, an error was generated if the Author Name field contained a user that was Inactive. This issue has been resolved.	578685

Reports

This topic provides a list of product changes released for this module in this version.

Table 35: Resolved Issues

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

Description	Tracking ID
Previously, when importing field behavior with QueryList that included prompts for the second time, an error occurred. This issue has now been resolved.	736109

Risk Based Inspection

This topic provides a list of product changes released for this module in this version.

RBI 580 and RBI 581

Table 36: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
<p>The Last Inspection Date field on RBI Degradation Mechanisms Evaluations is now mapped to newly implemented recurring Inspection Tasks. To facilitate this enhancement:</p> <ul style="list-style-type: none"> • The RBI Recommendation Inspection Date field will be set to the RBI Degradation Mechanism Evaluation Last Inspection Date when generating recommendations. • A new field, Last Inspection Date, has been added to the Action family and will be set to the RBI Recommendation Inspection Date. • The Last Date field in the Inspection Task will be set to the RBI Recommendation Inspection Date when the Task is recurring. • The ActionMappingToInspectionTask Policy has been updated. 	738994
<p>The collapsible sections in the following workspaces can now be expanded:</p> <ul style="list-style-type: none"> • Asset Summary workspace • Component workspace • Analysis workspace • Analysis workspace • Unit Summary workspace <p>This allows you to access the relevant data in a single view by expanding the section.</p>	710419
<p>To enhance usability and improve contextual awareness, Schematic View (2D Visualization) has been introduced within RBI Corrosion Loops. This capability will allow you to:</p> <ul style="list-style-type: none"> • Map the linked RBI Components • Visualize the risk of the Components using color coding • View risk information of the Components • Download the schematic image <p>You can render industrial drawing formats (.svg, .dwg, .jpeg, .pdf, and so on) to plot RBI Components. An active Mechanical Integrity 2D Visualization license will be required to access this functionality.</p>	365594

Table 37: Resolved Issues

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

Description	Tracking ID
<p>Previously, the Process Unit Overview section of the Process Unit Asset View workspace timed out intermittently due to performance. This issue has been resolved. To resolve this issue, the <code>Baseline/Meridium/Modules/Risk Based Inspection/Queries/Process Unit Asset View</code> query has been updated.</p>	907809
<p>Previously when generating recommendations from the RBI Overview or Evergreening workspace, an error was erroneously displayed if no recommendations were generated. This issue has been resolved. Now, an error message will appear only if an issue occurs while generating recommendations.</p>	871770

RBI 581

Table 38: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
<p>RBI 581 Representative Fluid content have been updated with latest AIT values for the following flammable fluids:</p> <ul style="list-style-type: none">• C1• C2• C3• C7• Styrene (Aromatic) <p>The updated values may impact the Weighted Component Damage Consequence Area and Weighted Personnel Injury Consequence Area fields based on the calculated AIT Blending Factor. For more information, refer to KBA 000071009.</p>	897786
<p>You can now override the calculated SHE Consequence Area on the RBI 581 Consequence Evaluation. The User SHE Consequence Area will then be used to calculate SHE Risk on the related Damage Mechanisms and parent RBI 581 Risk Analysis. Additionally, the User SHE Consequence Area will be mapped to the ISO Risk Graph and Risk Matrix. To facilitate this enhancement, the following fields have been added to the RBI Consequence Evaluation datasheet:</p> <ul style="list-style-type: none">• Allow Override of SHE Consequence Area• User SHE Consequence Area	738990
<p>RBI 581 HE Bundle Damage Evaluation is now supported in the RBI 581 Data Loader and while exporting an RBI 581 Risk Analysis. To facilitate this enhancement, a new sheet DME_HEBundle has been added in the Data Loader template workbook.</p>	365261
<p>To improve usability, the fields related to cladding are now dynamically disabled based on the value set for the Cladding is Present field. To facilitate this enhancement, functionality has been implemented to disable all fields required for cladding when Cladding is Present is set to No. This change is applicable to the RBI Component, RBI 581 Risk Analysis, and RBI 581 Thinning and Lining families.</p>	261646

RBI 580

Table 39: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
<p>RBI 580 Representative Fluid contents have been updated with latest AIT and Flash Point values for the following flammable fluids:</p> <ul style="list-style-type: none"> • 2-Methoxyethanol • Acetic Acid • Acetone • Acetonitrile • Asphalt • Benzene • C1 • C2 • C1-C2 • C3 • C4 • C3-C4 • C5 • C6 • C7 • C6-C8 • C9-C12 • Diesel • DMS (Dimethyl Sulfide) • EDA (Ethylenediamine) • EEA • ETOH (Ethanol) • Fuel Oil • Furfural • Gasoline • IPAC (Isopropyl Alcohol) • Kerosene • MDEA • MEK (Methyl Ethyl Keytone) • MEOH (Methanol) • MTBE • Naptha • Propanol • Styrene (Aromatic) • Sulfur • TBA (Tert-Butyl Alcohol) • Toluene <p>For more information, refer to KBA 000071009.</p>	699559

Root Cause Analysis

This topic provides a list of product changes released for this module in this version.

Table 40: Enhancements and New Features

The following enhancements and new features have been added.


Description	Tracking ID
The RCA Event Timeline has been enhanced to provide a more intuitive way of creating and modifying Secondary Events. To facilitate this enhancement: <ul style="list-style-type: none">A toggle button has been added to switch between Primary and Secondary Events.The  button has been moved to the table heading.	884081

Table 41: Resolved Issues

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

Description	Tracking ID
Previously, the text in an RCA Event node label was displayed as distorted and outside the node boundary. This issue has been resolved.	888282
Previously, in the Communicate Findings tab, if you added a user and navigated to another tab, the changes were not saved. This issue has been resolved. Now, you are prompted to save before navigating to another tab.	859793
Previously, the Event Timeline was not adjusted based on the date criteria. This issue has been resolved.	850003
Previously, the Event Timeline layout was not intact if the event start date and end date were the same. This issue has been resolved. Now, there is a validation to prevent you from entering the same start and end dates.	797935

Rounds Pro Mobile

This topic provides a list of product changes released for this module in this version.

Table 42: Resolved Issues

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

Description	Tracking ID
Previously, for the APM application servers from V5.0.0.0 and later that were configured with SSO IDP authentication, the login page with the SSO button or authentication browser was not available in the Rounds Pro mobile app. This issue has been resolved.	715915
Previously, attachments from additional instructions were not downloaded onto the Rounds Pro mobile app. This issue has been resolved. Now, the attachments are downloaded if the Route with Images and attachments option is selected.	574003

Rounds Pro

This topic provides a list of product changes released for this module in this version.

Table 43: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
The integration of Lubrication Requirements functionality into Rounds Pro has been implemented to ensure easier adoption.	711798
You can now migrate Lubrication Requirements to Rounds Pro as Lubrication Steps. To facilitate this enhancement, the migration tool has been enhanced to simplify the migration process, allowing you to migrate Routes with both Measurement Steps and Lubrication Steps.	711798
To simplify the migration process, the migration tool has been enhanced to unlink the Operator Rounds Recommendations from Legacy Rounds Checkpoints and link them to the Rounds Pro Step Families.	704299
To simplify the migration process, the migration tool has been enhanced to migrate the Legacy Readings to Rounds Pro Step Readings. With this enhancement you will have an option to migrate the Readings from the Migration Tool.	700755
Language Localization support has been introduced in this release. All text will appear in the logged-in user's language within the Rounds Pro application.	574655

Table 44: Resolved Issues

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

Description	Tracking ID
Previously, when you saved your changes to a Step Template, you could not apply the changes to the corresponding steps. This issue has been resolved.	867570
Previously, when you attempted to create or modify a Health Indicator using the OT AHI Connector, the ID field was populated with the value in the Upper Level 3 column. This issue has been resolved. Now, the ID field contains the values in the Name and Description fields.	859019
Previously, if a user was made inactive when assigned to a route, the route was not editable, and you could not create route instances for that route. This issue has been resolved. Now, as long as the route has at least one active user assigned to it and the user belongs to the site of the route, you can create the route instances.	740711

Security Manager

This topic provides a list of product changes released for this module in this version.

Table 45: Resolved Issues

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

Description	Tracking ID
Previously, in LDAP sync, users with names in different cases in both AD and APM User details were not having their roles removed. This issue has been resolved.	907821
Previously, for a Security User, the timezone field incorrectly displayed Istanbul time as UTC +02:00 in the Details section. This issue has been resolved.	826891

SIS Management

This topic provides a list of product changes released for this module in this version.

Table 46: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
You can now specify the order in which the PIF ID is generated during import from Exsilia. To facilitate this enhancement, the PIF ID Settings section has been added to the SIS Admin Preferences page.	857723
The Last Date field in a Proof Test Task is now populated with the completion date of the associated Proof Test Event after closing the Proof Test Event.	828274
You can now link an Inspection Task to multiple Instrumented Functions, provided that the Instrumented Functions are linked to the same Asset. To facilitate this enhancement, the cardinality for the following two relationship definitions has been changed to Many-to-Many: <ul style="list-style-type: none"> MI Has Tasks - Instrumented Function (Predecessor) - Inspection Task (Successor) MI Has Tasks - Safety Instrumented System (Predecessor) - Inspection Task (Successor) 	243584
You can now copy an Instrumented Function within the same SIL Analysis.	168713

Thickness Monitoring

This topic provides a list of product changes released for this module in this version.

Table 47: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
You can now delete all the Schematic Data of an Asset.	866494
<p>To improve usability when sending and receiving/saving data from the GE DMS Go/Go + datalogger, the Datalogger History family is now being used. TML records are now identified by entity keys stored in Datalogger History records rather than by Asset IDs and TML IDs. To facilitate this enhancement, the following changes have been made:</p> <ul style="list-style-type: none"> • When sending data to the device, a message appears, enabling you to specify the file name and select a user to be recorded as Measurement Taken By when the measurements are subsequently received and stored. • Assets associated with TML Groups can now be sent as a single file. Within the file, TML Groups are identified by an asterisk before and after the ID (for example, for the TML Group TML Group1, it will appear as *TML Group1*). These entries can be skipped on the device when taking readings, allowing you to proceed to the TMLs within that group. • In the Receive From section, the FILENAME column is available and displays the filename corresponding to each TML record received from the device. <p>Note: You must install the latest version of the GE Device Service to use TM Dataloggers. Also, any TMLs sent to the DMS Go/Go+ device must be received and saved in APM before upgrading to V5.2.2. If needed, you can resend the TMLs to the device after upgrading to V5.2.2.</p>	827682

Table 48: Resolved Issues

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

Description	Tracking ID
<p>Previously, when data was sent to the Olympus 38DL+ or Epoch 650 devices, the TML IDs were truncated to display only the first 16 characters, even though these devices support a maximum ID length of 20 characters. This issue has been resolved. Now, the TML IDs are truncated correctly to fit the 20-character limit.</p> <p>Note: To apply this fix, you must install the latest version of the GE Device Service. Additionally, though the IDs are now truncated properly, if a truncated ID results in duplicates within a file on the Epoch 650 device, readings will only be saved for the first TML with that ID due to a limitation of the Epoch 650 device.</p>	921820
<p>Previously, users with certain roles could perform the following tasks:</p> <ul style="list-style-type: none"> • Archive an analysis • Renew a TML • Exclude a TML from an analysis • Reset Maximum Historical Corrosion Rate (MHCR) • Calculate T-Min <p>This issue has been resolved. Now, role-based restrictions prevent unauthorized users from performing the aforementioned tasks.</p>	851295

Workflow Solutions

This topic provides a list of product changes released for this module in this version.

Table 49: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
<p>To enhance drill-down capabilities, hyperlinks have been added to the Heat Map - Asset Count by Criticality, Health Indicator Status graph, and the Usage Over Time graph in the following workflow packages:</p> <ul style="list-style-type: none"> Daily_O_and_M_Coordination_Dashboard_WF_V2.1_APM-V5.2.1_20250113 Action_Tracking_WF_V2.1_APM-V5.2.1_2025011 	858000
<p>To improve query performance, the query logic has been updated to include the Asset-Hierarchy (:ahhome) filter for the following Workflow packages where applicable:</p> <ul style="list-style-type: none"> Data_Quality_Dashboard_WF_V2.0_APM-V5.2.1_20250113 FEW_WF_V2.0_APM-V5.2.1_20250114 EHW_WF_Patch Package_20250115 Daily_O_and_M_Coordination_Dashboard_WF_V2.1_APM-V5.2.1_20250113 Action_Tracking_WF_V2.1_APM-V5.2.1_20250113 	862387
<p>To improve query performance, the query logic has been updated to fetch the latest Criticality for the Asset in the queries for the following Workflow packages where applicable:</p> <ul style="list-style-type: none"> Daily_O_and_M_Coordination_Dashboard_WF_V2.1_APM-V5.2.1_20250113 SHW_WF_V2.0_APM-V5.2.1_20250124 	862387
<p>To improve query performance, the Query for Hyperlink (Query - HeatMap to HI Details with Alert Level and Criticality_FL) has been optimized and renamed to eliminate unnecessary joins for Work-History in the following Workflow package:</p> <ul style="list-style-type: none"> Daily_O_and_M_Coordination_Dashboard_WF_V2.1_APM-V5.2.1_20250113 	862387

Table 50: Obsolete Features

The following features are no longer available.

Description	Tracking ID
<p>All instances of DORI (SHARP - Top-Level) Health-Indicators have been replaced with AHI (AHMA - Top-Level) Health-Indicators in the queries for the following Workflow package where applicable:</p> <ul style="list-style-type: none"> Daily_O_and_M_Coordination_Dashboard_WF_V2.1_APM-V5.2.1_20250113 	862387

V5.2.1.0.0

360 View

This topic provides a list of product changes released for this module in this version.

Table 51: Resolved Issues

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

Description	Tracking ID
Previously, the tab content in 360 view was reloaded on every tab selection. This issue has been resolved. Now, the tab content will load only once without any reload until the page refresh.	697925

APM Connect

This topic provides a list of product changes released for this module in this version.

Table 52: Resolved Issues

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

Description	Tracking ID
Previously, when loading ASI Master data from multiple EAM Systems using the ASI EAM Data Loader, data from the first EAM System was deleted after data from the second one was loaded. This issue has been resolved.	725884

Asset Criticality Analysis

This topic provides a list of product changes released for this module in this version.

Table 53: Resolved Issues

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

Description	Tracking ID
Previously, the Send To > ACA Analysis option in the Assets section was disabled even if the Asset did not belong to an existing ACA Analysis. This issue has been resolved. Now, the option to send an Asset to a new or existing ACA Analysis is enabled when you select one or more Assets.	673141

Asset Health Manager

This topic provides a list of product changes released for this module in this version.

Table 54: Resolved Issues

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

Description	Tracking ID
Previously, in the Health Summary page, when you attempted to load a large number of assets, an error occurred. This issue has been resolved.	676716

Asset Hierarchy

This topic provides a list of product changes released for this module in this version.

Table 55: Resolved Issues

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

Description	Tracking ID
Previously, when Asset Hierarchy was configured with site filtering, if you had limited site access, you could not interact with accessible assets that were nested within a disabled asset. This issue has been resolved. You can now select all accessible assets in the Asset Hierarchy irrespective of whether the parent asset is enabled or disabled.	706929

Asset Strategy Implementation

This topic provides a list of product changes released for this module in this version.

Table 56: Resolved Issues

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

Description	Tracking ID
Previously, Material records were not successfully being generated in SAP due to a NULL Material value in the Operation key when creating the Task List. This issue has been resolved. Now, the mapping Policy has been updated to include the correct Material value and the Material records are being successfully created.	699134
Previously, the query that drives the MAINTENANCE PLANS BY TYPE graph on the ASI Overview window was timing out in large databases. This issue has been resolved. Now, changes have been made to improve the performance of the query and eliminate the time out.	630132
Previously, the query that drives the Manage Actions section within the ASI Overview window was timing out in large databases. This issue has been resolved. Now, changes have been made to improve the performance of the query and eliminate the time out.	630125

Asset Strategy Management

This topic provides a list of product changes released for this module in this version.

Table 57: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
To enable easy configuration in the cloud, the existing baseline field mappings between Asset Strategy and Asset Strategy Template families have been converted to Policies.	615281
The field mappings between Actions and Inspection Tasks have now been updated to append the Task Details field with the Action Description and Target Completion Date field, for both recurring and non-recurring tasks.	652747

Table 58: Resolved Issues

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

Description	Tracking ID
Previously, when selecting assets to apply to a template, you could only use the Asset Finder. This issue has been resolved. Now, you can select assets using the Asset Finder or a baseline query that can be configured to meet your requirements. The query is located in catalog folder <code>Public/Meridium/Modules/Asset Strategy Management/Management/Queries/Locate Assets For Template Application</code> .	715672
Previously, you could not open or create an Asset Strategy when using a 64-bit Chrome browser and a configured risk matrix. This issue has been resolved.	701316
Previously, when applying a template to an Asset Strategy that contained Actions previously promoted from Reliability Centered Maintenance (RCM), the link between the original Actions and the Recommendations was not removed. This issue has been resolved.	669159
Previously, you could not open Asset Strategies if the Action Mitigated Driving Risk Alias field was configured to appear on the Action card. This issue has been resolved.	687863

Asset Strategy Optimization

This topic provides a list of product changes released for this module in this version.

Table 59: Resolved Issues

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

Description	Tracking ID
Previously, when you attempted to optimize an Asset Strategy, an error occurred. This issue has been resolved.	584221

Calibration Management

This topic provides a list of product changes released for this module in this version.

Table 60: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
You can now configure the date filters used to display Calibration Tasks in the Calibration Queue section of the Calibration Management Overview page. To facilitate this enhancement, a new workspace named Overview Configuration is now added in the Calibration Admin Preferences page.	F84318

Data Loaders

This topic provides a list of product changes released for this module in this version.

Table 61: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
A new version V2 of the SimpleIngest API is now available. Using this API, you can ingest records into APM for all the Data Loaders. The previous version, SimpleIngest API V1, allowed you to load data only for the records available in the Family Data Loader.	714832

Table 62: Resolved Issues

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

Description	Tracking ID
Previously, when you attempted to import a query that was exported from higher version of APM, then an error occurred. This issue has been resolved.	694818

Documentation

This topic provides a list of product changes released for this module in this version.

Table 63: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
As part of the GE Vernova rebranding efforts, the following enhancements have been added: <ul style="list-style-type: none"> Updated Domain Name: The documentation portal domain name has been changed from www.ge.com/digital/product-documentation to www.gevernova.com/software/product-documentation. We recommend updating any saved bookmarks to ensure uninterrupted access. Rebranded Documentation: The product help on the documentation portal has undergone template changes to align with the new branding. These updates impact the overall look and feel, enhancing visual consistency, and user experience. 	702014

Table 64: Known Issues and Limitations

The following known issues and limitations exist.

Description	Tracking ID
<p>The section Upgrade or Update APM to V5.2.1.0.0 in the topic <a href="http://<apm_install_dir>/meridium/Help/DITAWebhelp/installation-upgrade-apm.html">http://<apm_install_dir>/meridium/Help/DITAWebhelp/installation-upgrade-apm.html does not include the steps to upgrade from APM V5.2.0.0.0 to APM V5.2.1.0.0.</p> <p>Workaround:</p> <p>The following steps describe how to upgrade On-Premises APM from V5.2.0.0.0 through V5.2.0.1.0 to V5.2.1.0.0. The product documentation will be updated in the upcoming release.</p> <p>Upgrade from any version V5.2.0.0.0 through V5.2.0.1.0</p> <ol style="list-style-type: none">1. On each APM Server, including both dedicated and supporting instances, uninstall the APM Server Components.2. Login to the GE Vernova Redis server.3. Connect to Redis using the redis-cli.4. Run <code>flushall</code> to clear Redis across the cluster.5. On each APM Server, including both dedicated and supporting instances, install the APM Server Components.6. Upgrade the APM Database.7. Install this release to mobile devices using an iOS, Android, or Windows operating system by following the standard documentation for installing the GE Digital APM mobile application.	826996

Failure Modes and Effects Analysis

This topic provides a list of product changes released for this module in this version.

Table 65: Resolved Issues

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

Description	Tracking ID
Previously, the filter functionality in the Recommendations section of an FMEA Analysis did not work as expected. This issue has been resolved.	710123

Family Management

This topic provides a list of product changes released for this module in this version.

Table 66: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
To retrieve data from third-party applications such as SAP, you can now configure behavior of a field to use a Remote Function Call (RFC) Finder.	720062

Table 67: Resolved Issues

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

Description	Tracking ID
Previously, if a family was configured with more than 24 states, you could not scroll through the list to view all the states. This issue has been resolved.	713261
Previously, when creating or modifying the Required or Disabled behaviour for a date field, you could not use a data type other than the date type to create a condition. This issue has been resolved.	699882
Previously, for a family field, the Allow changing the properties of this field check box was always available irrespective of whether the field was inherited or not. This issue has been resolved. Now, the check box is enabled only when the field is inherited.	697997
Previously, after you saved a family field, the Active Status check box was disabled and you could not set the field status to Active or Inactive. This issue has been resolved. Now, if the field is not inherited, the Active Status field is available.	694658
Previously, in the Behavior section of a field, if you cancelled modifications to a static picklist and attempted to modify them again, the previous modifications were retained instead of resetting to the original state. This issue has been resolved.	357848

Family Policies

This topic provides a list of product changes released for this module in this version.

Table 68: Resolved Issues

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

Description	Tracking ID
Previously, if you modified the Entity node of a parent family, the family key of the child family was also modified if both the parent and child families contained common fields. This issue has been resolved.	688275

Foundation

This topic provides a list of product changes released for this module in this version.

Table 69: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
If you attempt to disable State Management for a family, a message appears now, asking you to confirm that you want to disable State Management. You can either proceed or cancel the operation.	528476

Table 70: Resolved Issues

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

Description	Tracking ID
Previously, in the Asset Finder window, if you selected the Select Children check box, the check boxes for the child assets were not marked as selected although the child assets were included. This issue has been resolved.	688067

General Dashboards

This topic provides a list of product changes released for this module in this version.

Table 71: Resolved Issues

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

Description	Tracking ID
Previously, the solid gauge graphs in the KPI widget did not fit properly, appearing zoomed in with cropped edges. This issue has been resolved.	694760
Previously, even after you selected values in a field that allowed multiple selection, an error occurred, stating that a value was required. This issue has been resolved.	694653

Generation Availability Analysis

This topic provides a list of product changes released for this module in this version.

Table 72: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
<p>The following types of unit start values for CEA Performance are now calculated:</p> <ul style="list-style-type: none"> Hot Starts Warm Starts Cold Starts <p>In addition, the total count values of the following types of Forced Outages are now calculated:</p> <ul style="list-style-type: none"> Sudden forced outages Immediately deferrable forced outages Deferrable forced outages Starting failure outages 	533185

Table 73: Resolved Issues

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

Description	Tracking ID
Previously, data in the 05 Performance Report downloaded using bulk generation was sorted by month. This issue has been resolved. Now, the data is sorted by unit and then by month.	721493
Previously, you could not change the state of a GAA Performance Fuel record if any of the following fields contained the value 0: <ul style="list-style-type: none"> • Average Heat Content • Percent Ash • Percent Moisture • Percent Sulfur • Quantity Burned This issue has been resolved.	708715

Table 74: Known Issues and Limitations

The following known issues and limitations exist.

Description	Tracking ID
Bulk generation of the CEA Performance Calculation and Performance report is not implemented. In addition, Dashboard graphs and Unit Summary graphs will not display the expected data because they are not integrated with the new performance calculation that has been implemented for the CEA performance calculation and report workflow.	744068

Inspection Management

This topic provides a list of product changes released for this module in this version.

Table 75: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
When you change the state of an Inspection to Rework, the Final Inspection Lock and Inspection Lock fields are now reset to False.	700707
Performance has been improved when loading data using either the Inspection Management (IM) Assets or Inspection Management (IM) Functional Location data loaders.	686794
You can now execute the Inspection baseline rules for custom inspection families using policies. To facilitate this enhancement, the following implementations have been added for use in the policy Rule node: <ul style="list-style-type: none"> • InspectionAfterInsertRuleNode • InspectionBeforeInsertRuleNode • InspectionBeforeUpdateRuleNode • InspectionAfterUpdateRuleNode • InspectionBeforeDeleteRuleNode You can use these implementations when configured through the corresponding family policy using the Rule node.	281247

Table 76: Resolved Issues

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

Description	Tracking ID
Previously, the Integrity Mobile app did not display the correct list of Inspection Tasks in the All Tasks section. This issue has been resolved. Now, up to 5000 Inspection Tasks are displayed, covering the ones that are due within the past six months and the upcoming six months.	707048
Previously, the Defer button was available even in a new unsaved Inspection Task although you could defer an Inspection Task only after you created it. This issue has been resolved. Now, the Defer button appears only after you create the Inspection Task.	692040
Previously, Inspection Reviewers or Inspection Team Members could view and download Inspections in the Pending Approval state even though these records did not allow for updates. This issue has been resolved.	687788
Previously, if you configured the recommendation statuses partially for state upgrade mapping, and then selected Update Records , the count of Status values was displayed incorrectly. This issue has been resolved.	587052

Integrity Mobile

This topic provides a list of product changes released for this module in this version.

Table 77: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
When you create an offline authentication pin, the pin is synchronized and stored in the APM Application Server. When you log in to a different device, the stored offline pin is retrieved from the APM Application Server and is available for offline authentication.	US614222

Table 78: Resolved Issues

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

Description	Tracking ID
Previously when viewing the offline form of an Inspection, if the form contained a field whose behavior was dependent on a field that was not included in the offline form, then that field and any fields that followed it in the form failed to render. This issue has been resolved.	695008
Previously, Inspection Reviewers or Inspection Team Members could view and download Inspections in the Pending Approval state even though these records did not allow for updates. This issue has been resolved.	687788
Previously, when uploading an Inspection without the related families configuration for offline inspections (such as General Findings, Sub-Inspections), if downloading Inspection Recommendations was disabled in the Inspection Admin Preferences page, the Inspection was partially uploaded and the sync process could not be completed. This issue has been resolved. Note: To resolve this issue, you must upgrade the APM Application Server to V5.2.0.0.0 or later.	603647

OT Connect

This topic provides a list of product changes released for this module in this version.

Table 79: Resolved Issues

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

Description	Tracking ID
Previously, when performing a tag synchronization using the OT Connect OPC HDA Adapter, sometimes, an error occurred, stating that the index was outside the bounds of the array. This issue has been resolved.	669301

Policy Designer

This topic provides a list of product changes released for this module in this version.

Table 80: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
You can now mark API Credentials entries as Private. If marked as Private, only you can access by login in the Policy Designer API node.	364718

Table 81: Resolved Issues

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

Description	Tracking ID
Previously, if you modified the Entity node of a parent family, the family key of the child family was also modified if both the parent and child families contained common fields. This issue has been resolved.	688275

Production Loss Analysis

This topic provides a list of product changes released for this module in this version.

Table 82: Resolved Issues

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

Description	Tracking ID
Previously, in the Production Data window, the color code icon for the Unaccounted Loss status was not updated as expected. This issue has been resolved.	709260
Previously, when creating a new Production Loss record, an invalid warning message appeared, stating that the loss count already matched the reported actual production. This issue has been resolved.	709259
Previously, Historian data was not updated in a Production Plan. This issue has been resolved. To facilitate this fix, the underlying query that fetches the Historian data has been corrected.	675935
Previously, if State Management was disabled for the Production Event and Production Plan families, PLA workflows failed. This issue has been resolved.	699359

Table 83: Known Issues and Limitations

The following known issues and limitations exist.


Description	Tracking ID
If State Management is enabled on the Production Plan family, the PLA Overview page query does not display the State column. You can provide an updated query to display the State column, if necessary. Additionally, if State Management is disabled for Production Plan, the data loader for PLA Production Plan does not function properly.	740925

Queries

This topic provides a list of product changes released for this module in this version.

Table 84: Resolved Issues

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

Description	Tracking ID
Previously, if the query results contained a large number of columns, when you printed the query results, some columns were cropped in the output. This issue has been resolved. To facilitate this fix, a new tool is used for printing, which provides various configuration options for better control over the content. You can access these options by selecting  and then Print Options in the query editor.	696791
Previously, if a query included a binary column, it was exported as <code>System.Byte[]</code> . This issue has been resolved. Now, it is exported as an empty string.	660500
Previously, you could not execute a query that contained multiple asterisks (*) to include all the columns from multiple families. This issue has been resolved.	632326

Record Manager

This topic provides a list of product changes released for this module in this version.

Table 85: Enhancements and New Features

The following enhancements and new features have been added.


Description	Tracking ID
You can now export data from a Bulk Data Form or a Master Detail Form to an excel format. To facilitate this enhancement, the Export button () has been added to the Bulk Data Form.	247986

Table 86: Resolved Issues

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

Description	Tracking ID
Previously, for read-only custom datasheets with no data, the user preferences were not retained in the Bulk Data Form. This issue has been resolved.	660683

Reliability Analytics

This topic provides a list of product changes released for this module in this version.

Table 87: Resolved Issues

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

Description	Tracking ID
Previously, when you attempted to create a demonstrated line for a Production Loss Analysis, the Regression Fit button did not appear in the Production Weibull Plot window. This issue has been resolved.	699819
Previously, several usability issues were present in the baseline Report generated from the Production Loss Analysis module. This issue has been resolved. Now, several usability issues within the baseline Report have been corrected including better layout, use of space, and size of logo.	694990

Description	Tracking ID
Previously, when you selected OK in the Edit Data window without changing the data, the results for a Reliability Growth Analysis were modified. This issue has been resolved.	694874
Previously, when you attempted to utilize the Break function within the Point Tooltip window, an error appeared. This issue has been resolved.	691713
Previously, an error appeared when deleting a Risk from the Analysis. However, when you refreshed the page, the Risk was successfully deleted. This issue has been resolved. Now, the selected Risk is deleted without the error message.	691715
Previously, the Reliability Growth Plot dates were displayed in UTC instead of the user time zone. This issue has been resolved. Now, the dates within the Reliability Growth plot will display in the user time zone.	690482
Previously, when you attempted to create an Automation Rule to create a Reliability Analysis, the Analysis was not linked with the correct Equipment or Functional Location. This issue has been resolved.	686228

Reliability Centered Maintenance

This topic provides a list of product changes released for this module in this version.

Table 88: Resolved Issues

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

Description	Tracking ID
Previously, the filter functionality in the Recommendations section of an RCM Analysis did not work as expected. This issue has been resolved.	710123

Risk Based Inspection

This topic provides a list of product changes released for this module in this version.

RBI 580 and RBI 581

Table 89: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
To enhance usability, when applying a Component Type filter to the RBI Tree, any assets that do not have a matching component will no longer be displayed.	708965
The collapsible sections in an Inspection Plan can now be expanded. This allows you to access the relevant data in a single view by expanding the section.	692538

Table 90: Resolved Issues

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

Description	Tracking ID
Previously, when you attempted to apply an analysis to a new component with a Functional Location parent asset, the copied recommendations Asset ID field was not updated correctly if the RBI Global Preference Enable Recommendation To be Generated at Created State was true. This issue has been resolved.	704587

RBI 581

Table 91: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
To enhance performance in loading the Risk Based Inspection Overview workspace, the catalog item <code>Public\Meridium\Modules\Risk Based Inspection\Queries\Assets with No Recommendations</code> has been updated.	686229
To enhance usability, the Highest Effective Inspection field on 581-HE Bundle Damage Mechanism Evaluations is now automatically set when linking inspections through the Inspection History workspace to the highest inspection confidence of the linked inspections, when the POF Method is set to Method 1 or Method 2.	660796
The RBI 581 ISO-Risk Plot now displays the SHE Risk Target and Financial Risk Target lines. The Analysis and Component ISO Risk plot target lines will be based on the SHE Risk Target and Financial Risk Target fields in the RBI 581 Risk Analysis. The Process Unit, Asset, and Corrosion Loop ISO Risk target lines will be based on the RBI 581 Admin Options.	272715

Table 92: Resolved Issues

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

Description	Tracking ID
Previously, in some RBI 581 Risk Analyses with multiple Damage Mechanism Evaluations, the Risk Summary ID and Risk Summary Description fields were not populated when the Recommended Inspection Effectiveness was calculated as A. This issue has been resolved.	689551
Previously, the Calculated Susceptibility field was incorrectly set to Medium for 581-HIC/SOHIC – HF Damage Mechanism Evaluations when Product Form was Seamless/ Extruded Pipe and PWHT was false. This issue has been resolved. Now, in this scenario, the Calculated Susceptibility will be set to Low.	688880
Previously, when calculating an RBI 581 Risk Analysis for a Storage Tank or Storage Tank Bottom component, if the Use Calculated Inventory field was set to true, and if the Inventory Component Mass and Inventory Group Mass fields were calculated as null, validation failed. This issue has been resolved.	683236

Root Cause Analysis

This topic provides a list of product changes released for this module in this version.

Table 93: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
When adding Team Members to a Root Cause Analysis for a specific site, only active users are now displayed.	714973

Table 94: Resolved Issues

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

Description	Tracking ID
Previously, in the RCA Event Timeline, the Reset View to Default option was disabled even after the timeline view had been modified. This issue has been resolved. Now, the Reset View to Default option is enabled after the timeline view has been modified and you can click and reset the view to the default.	706288

Rounds Pro

This topic provides a list of product changes released for this module in this version.

Table 95: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
You can now update or delete a Rounds Pro Schedule.	669256, 549373
Compliance Tracking System has been added. Using this, you can now analyse the readings, visualize the readings, and query the compliance history to identify the frequently missed readings. To facilitate this enhancement, a new Compliance Track entity family has been added in addition to several relationship families.	369167
The UOM field in the Step and Step Template windows is now a drop-down and data is populated from a System Code Table.	164034

Table 96: Resolved Issues

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

Description	Tracking ID
Previously, the Is Ad-hoc field was not populated correctly. This issue has been resolved.	690830

Rounds Pro Mobile App

This topic provides a list of product changes released for this module in this version.

Table 97: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
Rounds Pro mobile app is now available in a language as per your profile settings.	677294

Table 98: Resolved Issues

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

Description	Tracking ID
Previously, the Step Readings data loader displayed an error when the instance name was not provided, and the data was not loaded properly.	701363

SIS Management

This topic provides a list of product changes released for this module in this version.

Table 99: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
To enhance usability, you can select a logic solver that corresponds to the chosen analysis to create a Safety Instrumented System that will only show Instrumented Functions and related records linked to the selected Logic Solver.	710068
While importing EXP files, Sensor and Final Element IDs will now be copied from the imported file. However, this is applicable for EXP file only and not EXI files.	698051

Table 100: Resolved Issues

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

Description	Tracking ID
Previously, Safety Instrumented System Tree failed to load when any Protective Instrument Loop Final Element or Protective Instrument Loop Sensor was linked to more than one Protective Instrument Loop Group within the same SIL Analysis. This issue has been resolved.	715036
Previously, when you attempted to assign an existing Proof Test Task to an Instrumented Function or a Logic Solver, an error occurred. This issue occurred because a large amount of records were processed for exclusion, resulting in a timeout error. This issue has been resolved. To facilitate this fix, the following changes have been made: <ul style="list-style-type: none"> The Search Finder window has been replaced by a custom window. Two new queries named <code>Assign Existing Task for LS</code> and <code>Assign Existing Task for IF</code> have been added in the Catalog folder <code>Public\Meridium\Modules\SIS Management\Queries</code>. 	701344
Previously, if the following fields did not contain a value, SIS Proof Test Details were not calculated correctly: <ul style="list-style-type: none"> As Found Trip Point Trip Point Error Limit Travel Time Limit This issue has been resolved.	691076

Thickness Monitoring

This topic provides a list of product changes released for this module in this version.

Table 101: Resolved Issues

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

Description	Tracking ID
Previously, when viewing the TML trends graph, the initial plot point was not displayed completely. This issue has been resolved.	676989

V5.2.0.1.0

Asset Strategy Management

This topic provides a list of product changes released for this module in this version.

Table 102: Resolved Issues

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

Description	Tracking ID
Previously, you could not access or create an Asset Strategy configured with a risk matrix when using a 64-bit Google Chrome browser. This issue has been resolved.	699916


V5.2.0.0.0

360 View

This topic provides a list of product changes released for this module in this version.

Table 103: Resolved Issues

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

Description	Tracking ID
Previously, if you configured Associated Pages for a family in the asset hierarchy to appear on a submenu, those options were not displayed when you selected More Options () in the Hierarchy section of the 360 View. This issue has been resolved.	571069
Previously, in a 360 View, you could define two tabs with the same name, resulting in failure to load the 360 View. This issue has been resolved. Now, an error message appears if you attempt to configure a tab with a duplicate name.	171559

Action Management

This topic provides a list of product changes released for this module in this version.

Table 104: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
To enhance usability, the Strategy Actions section has been enhanced to provide additional filtering options. The new filtering options enable the user to filter on various Action fields and the type and disposition of the related implementations.	83424

Table 105: Resolved Issues

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

Description	Tracking ID
Previously, when viewing a Recommendation in the Recommendations pane and then navigating to a different tab within APM and returning to the Recommendation, an error occurred. This issue has been resolved.	630913
Previously, the All Performance Recommendations query was incorrect, resulting in duplicate records in some scenarios. This query is used to retrieve Recommended Actions for Performance Recommendations in the Recommended Actions pane in the Action Management Overview page. This issue has been resolved.	572240

Asset Criticality Analysis

This topic provides a list of product changes released for this module in this version.

Table 106: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
As an administrative user, you can now specify custom Remote Function Calls (RFCs) into SAP, which allows you to update records beyond the ABC Indicator. In addition, a mapping Policy has been created, which you can modify to include additional source information to send to SAP. To facilitate this enhancement, a new section named SAP Criticality Assessment Interface has been added to the ACA Administrator page, which allows you to configure the settings for the Function Module name and the Criticality Table Policy.	267091

Table 107: Resolved Issues

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

Description	Tracking ID
Previously, if the Require a specific user to be assigned to a state check box was selected for the Active State on the Asset Strategy family, an error occurred when attempting to apply an Asset Template as a Master when using the Send To > Asset Strategy functionality within ACA. This issue has been resolved. Now, this state configuration can be selected and no error will occur when applying an Asset Strategy Template from ACA.	641578

APM Connect

This topic provides a list of product changes released for this module in this version.

Table 108: Resolved Issues

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

Description	Tracking ID
Previously, when creating or updating the APM Connect Work Order Generation Schedule, the start date was converted to the time zone of the current user. As a result, the date on which the Work Order was generated was altered. This issue has been resolved. Now, the start date was saved based on the time zone specified in the schedule definition.	559341

APM Mobile Application

This topic provides a list of product changes released for this module in this version.

Table 109: Obsolete Features

The following features are no longer available.

Description	Tracking ID
The GE Digital APM mobile application no longer supports Android versions 7,8, and 9. You must upgrade to a supported version to continue using the mobile application. For details on the compatible versions, see the APM System Requirements documentation.	599569

Asset Health Manager

This topic provides a list of product changes released for this module in this version.

Table 110: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
Performance has been enhanced while loading the Asset Health Manager Overview page. To facilitate this enhancement, the Health Overview - Status by Asset query in the <code>Public\Meridium\Modules\AHI\Queries</code> folder has been modified.	587134

Table 111: Resolved Issues

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

Description	Tracking ID
Previously, in the Asset Health Summary page, Asset Groups were displayed with incorrect data. This issue has been resolved.	587134

Asset Hierarchy

This topic provides a list of product changes released for this module in this version.

Table 112: Obsolete Features

The following features are no longer available.

Description	Tracking ID
To prevent performance and usability issues, you can no longer configure the Asset Hierarchy to use a Long Text field as the display field. If your Asset Hierarchy configuration includes a Long Text field as the display field, the configuration will continue to apply. When you update the configuration, the display field will be set to Entity ID by default, and you can choose any other field that is not Long Text.	569967

Asset Strategy Implementation

This topic provides a list of product changes released for this module in this version.

Table 113: Resolved Issues

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

Description	Tracking ID
Previously, when importing Maintenance Plans from SAP into an ASI Package, there were performance issues. This issue has been resolved.	618981

Asset Strategy Management

This topic provides a list of product changes released for this module in this version.



Table 114: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
<p>You can now link Actions and Health Indicators independently of the implementation of the Action. This enables you to simultaneously and independently perform the following tasks:</p> <ul style="list-style-type: none"> Link a mitigating action to an implementation that will drive the execution of the work. Link an action to one or more Health Indicators to monitor the output of the Action or the associated Risk. <p>To facilitate this enhancement:</p> <ul style="list-style-type: none"> Changes have been made in the Implement Actions workspace both at the Asset Strategy and the System Strategy levels. Changes have been made in the Strategy Actions section in Action Management. A new many-to-many relationship family named Health Monitoring has been created between Action/Action Revision families and the Health Indicator family. 	559300

Table 115: Resolved Issues

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

Description	Tracking ID
<p>Previously, the Delete button () was not displayed properly in the Bulk Risks and Actions workspace for an Asset Strategy or an Asset Strategy Template. This issue has been resolved. Now, the Delete button () is displayed in the Status column in the Bulk Risks and Actions workspace.</p>	624158
<p>Previously, in the Risk Analysis workspace for a Controlled Strategy, the Risk Profile graph did not display the same date as the Master Template. This issue has been resolved. Now, the Risk Profile graph displays the same data that is available in the corresponding Master Template.</p>	615228

Description	Tracking ID
Previously, when utilizing the Show Financial Impact configuration option on the Risk Matrix, the Unmitigated Financial Impact values were displayed as zero instead of appearing blank. This issue has been resolved. Now, each categorical value for Unmitigated Financial Impact will appear blank instead of zero by default.	593414
Previously, when you attempted to save changes in bulk in the Risks and Actions workspace, if there was a field validation error, it was not identified until you closed the window. In addition, your changes were not saved. This issue has been resolved. Now, the validation error appears before closing the window so that you can fix the error and save your changes.	583479

Asset Strategy Optimization

This topic provides a list of product changes released for this module in this version.

Table 116: Resolved Issues

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

Description	Tracking ID
Previously, when you attempted to optimize an asset strategy in Asset Strategy Management, and if the date is not in the UTC timezone in PostgreSQL, an error occurred. This issue has been resolved.	637904

Calibration Management

This topic provides a list of product changes released for this module in this version.

Table 117: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
In the Calibration Management Overview page, the number on the Calibration Queue tab now reflects the count of Calibration Queue records in the results grid. Additionally, when you apply a custom date range filter on the Calibration Tasks in the Calibration Queue section, the number on the Calibration Queue tab is updated to show the filtered record count.	631042
When you change the state of a Calibration Event from In Progress to Pending Review , the Calibration Result and Test Equipment datasheets are now available in read-only format.	622024
A new Data Loader, Calibration Management - Functional Test , has been added to the Data Loader templates. This Data Loader can be used to load Functional Test Calibration data.	615670

Table 118: Resolved Issues

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

Description	Tracking ID
Previously, in the Manual Templates workspace, the pagination was displayed incorrectly. This issue has been resolved.	608085

Deferral

This topic provides a list of product changes released for this module in this version.

Table 119: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
<p>Time sensitive records can now be deferred using Deferral records in APM. Support for Deferrals has been added for Inspection Tasks. To facilitate this enhancement, the following changes have been made:</p> <ul style="list-style-type: none"> • A new page Deferral Configuration has been added in the Application Settings. In the Deferral Configuration page, you can define fields that represent the Planned Date and Deferred Date from the source family and any site-specific maximums for the number of deferrals. • The following fields have been added to Inspection Task for tracking an approved Deferral: <ul style="list-style-type: none"> ◦ Original Next Date ◦ Deferred Next Date Basis ◦ Is Deferred • Deferral records can be created from the header of the Inspection Task page. • When Deferral Configuration is enabled, the Related Records tab of Inspection Task page now includes a section for Deferral History, which displays the historical Deferral records for an Inspection Task. Deferral records can be deleted and reviewed from this section. • A new Data Loader, Defer Inspection Tasks has been added to the in-built Data Loader templates. This Data Loader can be used to create, edit, and link Deferral records to Inspection Tasks. 	83746
A new page, Manage Deferrals , has been added, enabling bulk management of deferrals. You can manage the state of a deferral or delete a deferral.	577694

Failure Modes and Effects Analysis

This topic provides a list of product changes released for this module in this version.

Table 120: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
To improve performance, the export function from within an Analysis has been converted to a background job.	597994

Table 121: Resolved Issues

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

Description	Tracking ID
Previously, when you accessed or consolidated Recommendations in an FMEA Analysis, there were performance issues. This issue has been resolved.	619124
Previously, when a validation error occurred on a FMEA Recommendation, it was not displayed properly in the user interface but was captured in the background. This issue has been resolved.	588272
Previously, when applying a template from within an RCM or FMEA Template, the correct Asset Finder was not displayed when looking up Assets. This issue has been resolved.	587820

Family Management

This topic provides a list of product changes released for this module in this version.

Table 122: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
When defining a field behaviour, you can now configure a Query Finder to be displayed in a datasheet. In addition to defining the display value and database value in the field where you have configured the Query Finder, you can specify values in the query to be populated in other fields in the record when a value is selected in the field.	582923

Table 123: Resolved Issues

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

Description	Tracking ID
Previously, when State Fields were referenced in the field behaviour, disabling State Management did not delete all state fields. This issue has been resolved. Now, you cannot disable State Management, when state fields are being referenced in Field Behaviors and an error message appears.	638478
Previously, when you attempted to create a field with the data type set as Numeric or Double, if you did not select a value in the UOM drop-down list box, an error occurred, and you could not create the field. This issue has been resolved.	574772
Previously, for a child family that inherited the state management from the parent family, if you disabled and re-enabled the state management, duplicate records of the child family were created. This issue has been resolved.	294470

Table 124: Known Issues and Limitations

The following known issues and limitations exist.

Description	Tracking ID
In the Family Management workspace, when you update family properties for a family, you must reindex the family in Search Configuration. Additionally, when you add any new Family, you must run full Search Index Rebuild.	690013

Family Policies

This topic provides a list of product changes released for this module in this version.

Table 125: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
To improve user experience for Execution History, the copy functionality on the Execution History result table is enabled.	598700
A warning message now appears when a trigger in Family Policies does not contain the Current Entity or Current Relationship node in designer mode.	238939
You can now view the latest date and time when the policy model was updated for a family policy. To facilitate this enhancement, a new field, Model Change Date, is added in the family policy.	150934

Table 126: Resolved Issues

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

Description	Tracking ID
Previously, updating DB records with UTC time failed when you used the Convert Type node to convert EPOC time into UTC time. This issue has been resolved.	606618

Foundation

This topic provides a list of product changes released for this module in this version.

Table 127: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
To enhance usability, you can now open a maximum of 20 tabs in APM. Note: The memory used by APM will increase when you open more tabs. To align with this change, the minimum recommended memory for the APM Client is increased to 16GB for desktops and laptops.	556065
The data is now serialized and deserialized using JsonSerializer instead of BinaryFormatter.	540033

Generation Availability Analysis

This topic provides a list of product changes released for this module in this version.

Table 128: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
In addition to NERC, you can now create the events of the following types for CEA: <ul style="list-style-type: none">Maintenance Outage Extension (PEMO)Planned Outage Extension (PEPO) To facilitate this enhancement, the two event types have been added in the Event Types section in the GAA Administrator page.	618967
In addition to NERC, you can now create Performance Reports for CEA. To facilitate this enhancement, in the Configurations section in the GAA Administrator page, you can now specify the units reporting to CEA for which you want to create Performance Reports and records.	618962

General Dashboards

This topic provides a list of product changes released for this module in this version.

Table 129: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
A third-party component used for rendering graphs and dashboards has been upgraded. This upgrade introduces several UI enhancements, such as rounded corners in bar charts. For the complete list of UI changes, refer to the KBA 000070624.	634528

Graphs

This topic provides a list of product changes released for this module in this version.

Table 130: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
A third-party component used for rendering graphs and dashboards has been upgraded. This upgrade introduces several UI enhancements, such as rounded corners in bar charts. For the complete list of UI changes, refer to the KBA 000070624.	634528

Table 131: Resolved Issues

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

Description	Tracking ID
Previously, if the values displayed in a Graph had a unit of measure (UOM) conversion applied, the values were displayed in the base UOM instead of the expected UOM according to the user's culture and UOM settings. This issue has been resolved.	627214
Previously, when you added a series to the right axis in a Graph, the configuration was not retained, and the series appeared on the left axis when you reopened the Graph from the Catalog. This issue has been resolved.	587853

Hazards Analysis

This topic provides a list of product changes released for this module in this version.

Table 132: Resolved Issues

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

Description	Tracking ID
<p>Previously, the HAZOP and What If sections in the Hazards Analysis Overview page did not display all the HAZOP and What If Analyses, respectively. This issue has been resolved. To facilitate this fix, the following queries have been modified:</p> <ul style="list-style-type: none"> Public\Meridium\Modules\Hazards Analysis\Queries\HAZOP_ANALYSIS_ASSET_OVERVIEW Public\Meridium\Modules\Hazards Analysis\Queries\WHATIF_ANALYSIS_ASSET_OVERVIEW 	686047

Import and Export

This topic provides a list of product changes released for this module in this version.

Table 133: Resolved Issues

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

Description	Tracking ID
Previously, when you attempted to import any package, the import log file was deleted before being published, and an error occurred. This issue has been resolved.	635124
Previously, when you attempted to import multiple families, if each family included a field with the same Field ID and different field behaviors, only the field behavior from the first family was imported. The field behaviors from the other families were not imported. This issue has been resolved.	615163
Previously, when you attempted to import the Associated Pages, all the bulk families were not imported. This issue has been resolved.	545455
Previously, when you attempted to import Records and Links-CGU, the relationships were not imported. This issue has been resolved.	247638

Inspection Field Data Collection

This topic provides a list of product changes released for this module in this version.

Table 134: Obsolete Features

The following features are no longer available.

Description	Tracking ID
The Inspection Field Data Collection module is no longer available in the GE Digital APM Mobile application or with the APM web client. You can now use the Integrity Mobile application available for Android and iOS devices.	559649

Inspection Management

This topic provides a list of product changes released for this module in this version.

Table 135: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
The Generate Report option is disabled for inspection tasks that are in Rejected or Completed state.	632332
Now when you create an inspection, the last archived Asset Correction Analysis associated with the asset is automatically linked. Note: The linking will happen only if the last archived Asset Correction Analysis is not linked to any inspection of same inspection type.	585052
To improve performance while loading large Inspection Recommendations records, the following queries have been optimized: <ul style="list-style-type: none"> Public\Meridium\Modules\Inspection\Overview Queries\Open Inspection Recommendations for Unit Public\Meridium\Modules\Inspection\Overview Queries\Open Inspection Recommendations for Unit (State Management) 	578889
A new page, Manage Deferrals , has been added, enabling bulk management of deferrals. You can manage the state of a deferral or delete a deferral.	577694
You can now save result grid column preferences. To facilitate this enhancement, advanced settings are enabled for result grids for sub-inspections in Inspection Detail workspace.	573422
In the NR13 Full Inspection Report and in the NR13 General Inspection Report, a new section named Task Details has been added, and in the NR13 Technical Data section, a new field named Fluid Name has been added.	553350

Description	Tracking ID
<p>State Management is now supported for the Inspection Task family. Most states and operations are reserved and will be transitioned automatically when you complete an Inspection Task. However, if needed, you can also manually transition an Inspection to the Rejected state. In addition, non-recurring Inspection Tasks that have been completed are automatically moved to the Completed state.</p> <p>To facilitate this enhancement, the following queries have been modified to filter out tasks that are in the Completed and Rejected states:</p> <ul style="list-style-type: none"> • Public\Meridium\Modules\Inspection\Overview Queries\All Tasks for Date Range • Public\Meridium\Modules\Inspection\Overview Queries\All Tasks for Unit • Public\Meridium\Modules\Inspection\Work Pack Queries\Available Tasks for Work Pack • Public\Meridium\Modules\Inspection\Compliance\Queries\Inspection Tasks Available to Implement • Public\Meridium\Modules\Inspection\Compliance\Queries\Link Existing Task to Recommended Action • Public\Meridium\Modules\SAP Integration Interfaces\Queries\Get Tasks for Work Order Generation • Public\Meridium\Modules\Asset Strategy\Queries\Inspection Task Link Existing Query 	281496
<p>Inspection Management and Thickness Monitoring are now integrated with the following features:</p> <ul style="list-style-type: none"> • You can now link TMLs to an Inspection Task using data loader. • You can now export Inspection Tasks and the linked TMLs. • You can now import Thickness Measurements for TMLs associated with an Inspection Task. When these measurements are imported, a General Inspection is created automatically for the Inspection Task and the Thickness Measurements are linked to the Inspection. 	281099
<p>The inspection task picklist displayed in the Task Addressed field of the Inspection datasheet and during the creation of an inspection, will not display the task which are in the Completed or Rejected state.</p>	280550
<p>To improve usability of the archiving feature in Thickness Monitoring, the following fields have been added to the Asset Corrosion Analysis family:</p> <ul style="list-style-type: none"> • Archived Date: By default, this field is not displayed in a datasheet. You can manually add it to a datasheet or run a query to check the value. • Archived By: This field is displayed in the Review Archived Analyses page and the Asset Corrosion Analyses datasheet. 	243214

Table 136: Resolved Issues

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

Description	Tracking ID
Previously, when you set the state assignee for an inspection and tried to update a value in the datasheet, an error occurred. This issue has been resolved.	645446
Previously, if you configured the status-to-state mapping for an Inspection, and if you mapped the Approved status to the Approved state, the Final Inspection Lock and Inspection Lock fields were set to False. This issue has been resolved.	616659
Previously, if state management was disabled for the Inspection Recommendation family, an error occurred when you accessed the Recommended Actions pane. This issue has been resolved. Now, regardless of whether state management is enabled, the Recommendations appear in the Recommended Actions pane.	587770
Previously, if you updated the Desired Interval, the Max Interval field was not updated if the following conditions were satisfied: <ul style="list-style-type: none"> The Consider TM Remaining Life check box was selected. The Desired Interval was greater than Max Interval. This issue has been resolved.	568201

Integrity Mobile Application

This topic provides a list of product changes released for this module in this version.

Table 137: Resolved Issues

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

Description	Tracking ID
Previously, when you disabled or removed related families from an inspection family, and also disabled the ability to download inspection recommendations, you were able to check out the inspection but the sync failed. This issue has been resolved.	603624
Previously, on an iOS device, when you attempted to log in to the Integrity Mobile app, if Microsoft Azure Application Proxy was used for authentication, the app closed, and you could not log in. This issue has been resolved.	559635

Job Monitoring Dashboard

This topic provides a list of product changes released for this module in this version.

Table 138: Resolved Issues

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

Description	Tracking ID
Previously, if you created a yearly schedule, the next execution dates were calculated incorrectly from 1970. This issue has been resolved. Now, the next execution dates are calculated from the year mentioned in the start date.	576213

Layers of Protection Analysis

This topic provides a list of product changes released for this module in this version.

Table 139: Resolved Issues

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

Description	Tracking ID
Previously, you could not copy a LOPA if the Initiating Event belonged to a site other than the global site. This issue has been resolved. Now, you can copy a LOPA if the Initiating Event belongs to the default site of the logged-in user or the global site.	583394

Life Cycle Cost Analysis

This topic provides a list of product changes released for this module in this version.

Table 140: Resolved Issues

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

Description	Tracking ID
Previously, in the Analysis Summary workspace, in the Summary section, when you selected the Show Data button, you could not scroll through the content in the table because the page did not contain a scroll bar. This issue has been resolved. Now, a vertical scroll bar has been added to enable you to scroll through the table contents.	577380

Management of Change

This topic provides a list of product changes released for this module in this version.

Table 141: Resolved Issues

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

Description	Tracking ID
Previously, when you open an MOC Change Project and navigate to the Definition section before the summary section loaded, an error occurred. This issue has been resolved.	637435

Metrics and Scorecards

This topic provides a list of product changes released for this module in this version.

Table 142: Resolved Issues

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

Description	Tracking ID
Previously, in the Metrics and Scorecard Overview page, the timezone was applied incorrectly on KPIs for the Schedule Next Run Data and Schedule Last Run Date fields. This issue has been resolved. Now, the date value appears based on the user timezone.	609349

Policy Designer

This topic provides a list of product changes released for this module in this version.

Table 143: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
You can now add the logged-in user details as API Node credentials. To facilitate this enhancement, a new check box, Add me , has been added in the API Node User Details section.	632378
A new node, Sort is added under Calculations node. You can now sort collection.	607044
To improve user experience for Execution History, the copy functionality on the Execution History result table is enabled.	598700
You can now fetch multiple records from a collection and return these records to the successor node. To facilitate this enhancement, a new option, Add to output collection , has been added to the Last Node . You can specify the number of records to fetch in the Last n records box.	228073

Table 144: Resolved Issues

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

Description	Tracking ID
Previously, when an Action was implemented as a Policy Instance, if you attempted to open the Policy from Action Management, the Policy was unresponsive. This issue occurred only for policies that were never accessed from Policy Designer. This issue has been resolved.	671002
Previously, the Reason mentioned in the Cancel Transaction node was not displayed correctly in records created via Record Manager or workflow. This issue has been resolved.	614785
Previously, updating DB records with UTC time failed when you used the Convert Type node to convert EPOC time into UTC time. This issue has been resolved.	606618
Previously, for an execution history record, when you attempted to perform validation or view display results at the node level, the Calculated Date was incorrectly displayed at the node level. This issue has been resolved.	584161

Production Loss Analysis

This topic provides a list of product changes released for this module in this version.

Table 145: Resolved Issues

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


Description	Tracking ID
Previously, when you ran a formatted query that was created for PLA Family (Production Event) and the query had join condition, the query timed out. This issue has been resolved.	615215
Previously, if you configured the Production Event datasheet to use a Master Detail form, an error occurred when you attempted to save a new event. This issue has been resolved.	574307
Previously, in the PLA Administrator page, in the Codes workspace, you could not delete multiple Event Codes from the Event Codes section at the same time. This issue has been resolved.	570370

Queries

This topic provides a list of product changes released for this module in this version.

Table 146: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
To enhance the performance of Query Editor and APM, the Query Editor will no longer re-execute a query when you switch between the Query Editor and other pages. To execute the query again, select the Run button () again.	599523
The Prompt ID field in the Expression Builder window is now a mandatory field. This ensures that query prompts are identifiable when there are multiple prompts. You cannot proceed to the next step in the Expression Builder if the Prompt ID is not specified.	281358

Record Manager

This topic provides a list of product changes released for this module in this version.

Table 147: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
To enhance usability, now, when you use the !datasheet-dialog URL to open a new or an existing record in a pop-up window, you can add parameters to specify the values in the fields.	597764
The performance of Record Manager when loading a record with many related records has been improved. As a result of this enhancement, related record information may not be available in the record explorer for a short time after the datasheet for the current record is displayed.	571253
To enhance usability, you can now hide the Site and State field columns in Bulk Data Forms and Master Detail Forms.	247190
To enhance usability, your preference for column sort order in Bulk Data Forms and Master Detail Forms is now saved. To facilitate this enhancement, you can now choose column sorting in the Table Settings window.	247178




Table 148: Resolved Issues

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

Description	Tracking ID
Previously, when a new state was added to a family, and state assignment was done, an error occurred. This has been resolved. Note: For existing records, user assignments will not be possible for a new state that needs data fix and for which no assignment has been saved. However, post the first assignment, user assignment will be feasible for a new state.	652301
Previously, when a family contained multi-valued date field , an error appeared while creating a record. This has been resolved. Now, a record is created without any error.	632279
Previously, in a bulk data form or master detail form, if you entered a value in a column that had sorting applied, the value appeared in multiple rows in the grid. This issue has been resolved.	618491
Previously, on the State Assignment window, you could search for users with only lowercase names. This issue has been resolved. Now search of users is case insensitive.	576118
Previously, in a field configured with a picklist containing more than 1000 items, when you selected an item from the picklist and then saved the record, you could no longer scroll or search the picklist to select an item that was not initially displayed. This issue has been resolved.	569388
Previously, if you selected a large number of Sites, Roles, or Groups when configuring a Reference Document Server Credential, an error occurred when you attempted to save the record. This issue has been resolved. To facilitate this fix, the length of the Sites, Roles and Groups fields have been increased to 4000 characters.	85421
Previously, if the stored file associated with a Reference Document record was not found in the database, you were logged out of APM when you selected the link to the file. This issue has been resolved.	562654

Table 149: Obsolete Features

The following features are no longer available.

Description	Tracking ID
<p>In the Bulk Data Form, the following changes have been made:</p> <ul style="list-style-type: none">The unformatted PDF print capability, which you could access using the print  button has been removed.The Formatted Print button has been removed. Now, you can use the print  button to print formatted PDFs. <p>Now, the print  button with the formatted PDF print capability is the only print option available.</p>	541339

Reliability Analytics

This topic provides a list of product changes released for this module in this version.

Table 150: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
A new data loader, Spares Data Loader, has been added to load spare parts for an analysis.	565755
The Spare Level plot section for a spare, has been added with a new graph option, Risk Reduction Plot . This feature enables you to determine the optimal holding level of the spare part by illustrating the balance between costs and risks, thereby supporting more informed decision-making on optimum holding level.	142427

Table 151: Resolved Issues

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

Description	Tracking ID
When you copied a System Scenario in a System Reliability Analysis, the Resources were not copied. This issue has been resolved.	608109

Reliability Centered Maintenance

This topic provides a list of product changes released for this module in this version.

Table 152: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
To improve performance, the export function from within an Analysis has been converted to a background job.	597994

Table 153: Resolved Issues

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

Description	Tracking ID
Previously, when you accessed or consolidated Recommendations in an RCM Analysis, there were performance issues. This issue has been resolved.	619124
Previously, if two or more assets had the same Equipment Technical Number, an error occurred. This issue has been resolved.	547378
Previously, when applying a template from within an RCM or FMEA Template, the correct Asset Finder was not being displayed when looking up Assets. This issue has been resolved. Now, the Asset Finder is displayed when applying a template from within an RCM or FMEA Template.	587820

Risk Based Inspection

This topic provides a list of product changes released for this module in this version.

RBI 580 and RBI 581

Table 154: Enhancements and New Features


The following enhancements and new features have been added.

Description	Tracking ID
<p>In the RBI Inspection Plan workspace, when implementing Inspection Tasks from RBI Recommendations or Inspection Plan Detail records, the Task Details field is now prepended with the current date in UTC format.</p>	619283
<p>To enhance performance in loading the Risk Based Inspection Overview workspace, the following catalog items have been updated:</p> <ul style="list-style-type: none"> • Public\Meridium\Modules\Risk Based Inspection \Queries <ul style="list-style-type: none"> ◦ Analyses Ready For Evergreening - 580 ◦ Current Risk ◦ Current Risk Overview ◦ Past Risk ◦ Past Risk Overview ◦ Asset Corrosion Analysis More Current Than All Analyses ◦ Asset Corrosion Analysis More Current Than Analyses ◦ Inspections More Current Than All Analysis ◦ Inspections More Current than Analyses • Public\Meridium\Modules\Risk Based Inspection - 581\Queries <ul style="list-style-type: none"> ◦ Asset Corrosion Analysis More Current Than RBI 581 Analyses ◦ Inspections More Current Than RBI 581 Analysis • Public\Meridium\Modules\Risk Based Inspection\Overview Graphs <ul style="list-style-type: none"> ◦ Current Risk Summary by Asset • Public\Meridium\Modules\Mechanical Integrity \Dashboards <ul style="list-style-type: none"> ◦ RBI Overview Dashboard <p>Note: Current Risk and Current Risk Overview sections in the RBI Overview Dashboard page will only display the data from the past 10 years.</p>	<ul style="list-style-type: none"> • 597981 • 576189 • 576188
<p>You can now customize field mappings for implementing Inspection Tasks from RBI Recommendations. To facilitate this enhancement, the field mappings for RBI Recommendation to Inspection Task have been moved to Policy Manager and a new policy RecommendationToInspectionTaskMapping has been added.</p>	551016

Description	Tracking ID
You can now customize field mappings for implementing Inspection Tasks from RBI Inspection Plan Details. To facilitate this enhancement, the field mappings for Inspection Plan Details to Inspection Task have been moved to Policy Manager and a new policy InspectionPlanDetailToInspectionTaskMapping has been added.	551015
<p>A component filter is now added to the filter options on the RBI Tree. When you apply this filter, only the components belonging to the selected component families are displayed in the tree.</p> <p>Note: The description of the following system codes have been updated in the MI RBI COMPONENT FAMILIES System Code Table:</p> <ul style="list-style-type: none"> MI_CCRBICCS description is now Cylindrical Shell MI_CCRBICEB description is now Exchanger Bundle MI_CCRBICEH description is now Exchanger Header MI_CCRBICET description is now Exchanger Tube MI_CCRBICPI description is now Piping MI_CCRBIPCC description is now Pump Compressor Casing MI_CCRBICTB description is now Tank Bottom MI_RBIPPESEGM description is now Pipeline Segment MI_CCPRDRLV description is now Relief Valve MI_CCPRDRPD description is now Rupture Disk <p>While creating a new component, updated system code descriptions will be displayed in the Component Family picklist.</p>	365668

Table 155: Resolved Issues

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

Description	Tracking ID
Previously, the Asset ID field in RBI Recommendations was not updated when applying an RBI Analysis to another Asset with Copy Recommendations set to true and the Generate Recommendations in Created State admin preference set to true. This issue has been resolved. The Asset ID field will now be updated with the Asset ID of the new parent Asset.	645845
Previously, when you updated Degradation Mechanism or Consequence Evaluation and then attempted to update the related RBI Analysis datasheet, an error occurred. This issue has been resolved.	651801
Previously, when you saved an RBI Component datasheet, the Asset Info Summary button () was not visible. This issue has been resolved.	573078

RBI 581

Table 156: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
<p>Performing an RBI 581 Risk Analysis on an RBI 581 HE Bundle Damage Evaluation is now supported. Using this feature, you can calculate the financial risk and perform inspection planning for heat exchanger bundles as per API 581 3rd Edition, Risk Based Inspection Methodology Part 5-Special Equipment- Heat Exchanger Tube Bundles.</p> <p>To facilitate this enhancement, the following changes have been made:</p> <ul style="list-style-type: none"> • A new Potential Degradation Mechanism record named 581-HE Bundle Damage has been added. • Fields specific to the HE Bundle have been added to the RBI 581 Risk Analysis, RBI 581 Consequence Evaluation, RBI Degradation Mechanism, and Bundle Inspection families. • The Risk Based Inspection module has been integrated with the Reliability Analysis module; you can link a Reliability Distribution Analysis for POF calculation. • A new policy named RBI 581 HE Bundle Damage Inspection Recommendation has been created to generate Inspection Strategies for the newly added damage mechanism. <p>Note: You cannot use RBI 581 HE Bundle Damage Evaluation along with other degradation mechanisms to perform HE Bundle calculation on an RBI 581 Risk Analysis. Optimal bundle replacement frequency is not supported as part of this feature.</p> <p>Important: This is a new damage mechanism model. You may review the Heat-Exchanger Bundle Components and assign this PDM if applicable and run an RBI 581 Risk Analysis.</p>	583456
<p>You can now perform Inspection Planning at individual Degradation Mechanism level in the RBI 581 module. You can determine the Target Inspection Date at the Damage Mechanism level, which provides a granular approach to Inspection Planning. The Target Inspection Date is also calculated at the analysis level based on the driving Degradation Mechanism. The following new fields have been added to the Damage Mechanism to capture the planning results:</p> <ul style="list-style-type: none"> • Inspection Will Mitigate • Risk Summary ID • Risk Summary Description • Target Inspection Date <p>To enable this feature, select the Inspection Planning by Degradation Mechanism check box in the RBI Admin Preferences page. When this feature is enabled, the Target Inspection Date field on each Damage Mechanism is updated as follows:</p> <ul style="list-style-type: none"> • Populated independently of the analysis target inspection date. • Used to populate the Target Completion Date on Recommended Actions (RBI Recommendations) and Inspection Plan Detail records. • Displayed in the RBI 581 Analysis workspace in the Damage Mechanism section result grid. • Displayed in the RBI Asset workspace in the Degradation Mechanism Risk Overview section. <p>Important: If this option is enabled, this will impact the Target Inspection Date and Risk Results for each damage mechanism. You will have to re-run all the respective analyses.</p>	532769

Table 157: Resolved Issues

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

Description	Tracking ID
Previously, in Inventory Groups section, when you attempted to search for the inventory group in the Process Units tree, then the associated components that could be linked to the inventory group were not displayed. This issue has been resolved.	562572
Previously, if you set Evaluate all RBI 581 Risk Targets preference to true, then in Risk Results tab of RBI 581 Analyses, the Target Inspection Date (without Plan) was displayed incorrectly. This issue has been resolved. Now, the column is populated with the value calculated for the Target Inspection Date for the Driving Risk. Important: If Evaluate all RBI 581 Risk Targets preference is set true, then you will have to re-run all analysis that are impacted by Target Inspection Date.	559686

Root Cause Analysis

This topic provides a list of product changes released for this module in this version.

Table 158: Resolved Issues

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

Description	Tracking ID
Previously, when you added a secondary event in the Event Timeline, the timeline date range did not expand automatically to display the additional events. This issue has been resolved.	357879

Rounds Designer

This topic provides a list of product changes released for this module in this version.

Table 159: Resolved Issues

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

Description	Tracking ID
Previously, if you updated a system code to a drop-down list box associated with the Completion Status on the Lubrication Requirement, the system code values did not appear in the drop-down list box. This issue has been resolved.	519468

Rounds Pro

This topic provides a list of product changes released for this module in this version.

Table 160: Enhancements and New Features

The following enhancements and new features have been added.


Description	Tracking ID
When creating a conditional step, you can now select an asset different from the asset associated with the primary step. To facilitate this enhancement, in the ASSET box in a conditional step, when you select the Asset Hierarchy button  , a list of assets appears, containing the global assets and all the assets that belong to the same site as the asset associated with the primary step.	584419
The NFC feature is now supported in Rounds Pro. You can now scan NFC tags using the Rounds Pro mobile app and use it in conjunction with the Scan to Unlock feature.	577657
The Scan to Unlock feature is now supported in Rounds Pro. When you access the Rounds Pro mobile app, Steps remain locked until you scan the corresponding barcode or NFC tag using the Rounds Pro mobile app.	569679
You can now unlock multiple Steps with the same Scan ID at the same time. When you scan the NFC tag or barcode using the Rounds Pro mobile app, a list of all the matching Steps appears. You can unlock a single Step by selecting the Step; or you can unlock all the matching Steps by selecting Unlock all Matching Steps .	569690
In a Step view, you can now access the schedule name and summary. To facilitate this enhancement, the Has Schedule field has been replaced with a new field named Schedule Name, which displays the schedule name as a link. When you select the link, the schedule name and summary appear.	550967
You can now add a conditional step from an asset that is different from the parent asset. You can create routes at system level, which combine multiple assets. To facilitate this enhancement, a new field, Asset , has been added to Conditional Steps.	546958
The field size for the following fields has been increased from 50 characters to 255 characters: <ul style="list-style-type: none"> • Step Name (MI_STP_ID_C) • Template Name (MI_STP_TMP_ID_C) 	546028
To avoid creation of excessive Health Indicators, it is no longer mandatory to create Health Indicators to define limits for a Step.	523131
Using the Legacy Migration Tool, you can now migrate Step Schedules as well from Legacy Rounds to Rounds Pro.	281233
You can now associate a Measurement Step with a Rounds Pro Schedule. Additionally, you can define schedules at the step level.	281173

Table 161: Resolved Issues

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

Description	Tracking ID
Previously, using the Rounds Pro Step Data Loader, you could create Steps with invalid limit definitions. This issue has been resolved. Now, the limits that you enter in the data loader workbook are validated; if the limits are not in order, an error occurs, and the Step is not created.	617205
Previously, when you deleted a step associated with an asset, the asset was not removed and continued to be listed under Assigned Assets in the Step Templates section. This issue has been resolved.	573501

Description	Tracking ID
Previously, if limits were defined for a Measurement Location, the Legacy Migration Tool created Health Indicators even if the Include as Health Indicator Source check box was cleared. This issue has been resolved. Now, in this scenario, the Health Indicators are not created although the limits and messages are updated.	551232
Previously, when you attempted to implement a strategy action as a Rounds Pro Step from the Implement Actions section of the Strategy Details workspace, the steps that were marked for deletion were also listed in the Implement Action as Step(s) window. This issue has been resolved.	355666

Rounds Pro Mobile

This topic provides a list of product changes released for this module in this version.

Table 162: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
The NFC feature is now supported in the Rounds Pro mobile app. You can now scan NFC tags using the Rounds Pro mobile app and use it in conjunction with the Scan to Unlock feature.	577657
The Scan to Unlock feature is now supported in the Rounds Pro mobile app. When you access the Rounds Pro mobile app, Steps remain locked until you scan the corresponding barcode or NFC tag.	569679
You can now unlock multiple steps with the same Scan ID at the same time. When you scan the NFC tag or barcode using the Rounds Pro mobile app, a list of all the matching steps appears. You can unlock a single step by selecting the step; or you can unlock all the matching steps by selecting Unlock all Matching Steps .	569690

Security Manager

This topic provides a list of product changes released for this module in this version.

Table 163: Resolved Issues

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

Description	Tracking ID
Previously, for a security user photo, you could upload any file types. This issue has been resolved. Now, you can upload images in JPG, JPEG, or PNG file types.	607954

SIS Management

This topic provides a list of product changes released for this module in this version.

Table 164: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
To enhance usability, a query accessed via hyperlink now includes breadcrumbs navigation feature. When you select the hyperlink, Protective Instrument Loop diagram appears, and the breadcrumbs include the Instrument Function and SIL analysis associated to the Loop. You must provide the following URL in the query to open the loop: <code>#asset-safety/sis/sil/verification/{enty_key}</code>	620793
To improve usability, a SIS administrator can now view all SIS Proof Test Templates in Application Settings for SIS Management. You can manage the complete lifecycle of the SIS Proof Test Templates and link approved templates to Instrumented Functions.	609304
If the Manual Entry check box is not selected in a Protective Instrument Device, the SERH Library Version box is now disabled.	588227
When importing an Exida project file, the list of SIF Tags is now displayed in the result grid. You can select all SIF Tags using the Result grid select all option.	588224
The following datasheets now include the Exida DLL version: <ul style="list-style-type: none"> Protective Instrument Device (Sensor) Protective Instrument Device (Final Element) Protective Instrument Loop Logic Solver Channel 	588214
You can now create an Instrumented System by linking an SIL analysis to represent a safety instrumented system. This gives you the ability to see instrumented systems along with all associated data, including SIL levels, proof test tasks, and proof test events.	239293

Table 165: Resolved Issues

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

Description	Tracking ID
Previously, in the SIS Revision History page, the LOPA Assessment Revision details were not listed. This issue has been resolved.	597451

Thickness Monitoring

This topic provides a list of product changes released for this module in this version.

Table 166: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
You can now select PDF Reference Documents with up to six pages as the Thickness Monitoring Schematic Image. To facilitate this enhancement, up to the first six pages of a PDF Reference Document are converted into Schematic Images for use in the Thickness Monitoring Schematic view. If the document has multiple pages, a page control is displayed in the Schematic view to allow switching between pages.	628936
The ATEX-compliant Olympus Epoch 650 datalogger is now supported in Thickness Monitoring. To use this datalogger with APM, you must install the latest version of the GE Devices Service.	569983
If you are assigned to MI Thickness Monitoring Viewer group and have active license for Mechanical Integrity 2D Visualization then you can only view the schematic for the assets.	564084
In NR13 Full Inspection Report and in NR13 General Inspection Report, a new section Task Details has been added, and in NR13 Technical Data section, a new field, Fluid Name has been added.	553350
To improve usability, in the Thickness Monitoring Overview page, the Export TM Data and Datalogger options have now been moved under the Actions button.	545546
Inspection Management and Thickness Monitoring are now integrated with the following features: <ul style="list-style-type: none"> • You can now link TMLs to an Inspection Task using data loader. • You can now export Inspection Tasks and the linked TMLs. • You can now import Thickness Measurements for TMLs associated with an Inspection Task. When these measurements are imported, a General Inspection is created automatically for the Inspection Task and the Thickness Measurements are linked to the Inspection. 	281099
In the Measurement Data Entry workspace, you can not view the Inspection Tasks which are in Completed or Rejected state.	280550
To improve usability of the archiving feature in Thickness Monitoring, the following new fields have been added to the Asset Corrosion Analysis family: <ul style="list-style-type: none"> • Archived Date: By default, this field is not displayed in a datasheet. You can manually add it to a datasheet or run a query to check the value. • Archived By: This field is displayed in the Review Archived Analyses page and Asset Corrosion Analyses datasheet. 	243214

Table 167: Resolved Issues

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

Description	Tracking ID
Previously, in the TMLs section, if you attempted to add a Between filter on a Date column, you could not use the calendar picker to select the second date value. This issue has been resolved.	569041
Previously, in TM Quick View table if you froze the columns preferences and reopened the page, then the page did not contain a scroll bar. This issue has been resolved.	565660
Previously, on an iOS device, when you attempted to log in to the Integrity Mobile app, if Microsoft Azure Application Proxy was used for authentication, the app closed and you could not log in. This issue has been resolved.	559635

Workflow Solutions

This topic provides a list of product changes released for this module in this version.

Table 168: Enhancements and New Features

The following enhancements and new features have been added.

Description	Tracking ID
A new accelerator workflow, Asset Health & Maintenance (AHMA) has been introduced. This workflow provides capabilities to evaluate the overall health condition of asset, identify potential faults, and take corrective actions to prevent unplanned downtimes. Policies are created to calculate health indicators for assets. Further, the Health Indicators are used to classify an asset as, Normal, Warning, or Alert.	533775
In Asset Health & Maintenance workflow, the following input sources are supported: <ul style="list-style-type: none"> Field data Rounds Legacy Time Series Alerts Cases 	533775
In Equipment Health Workflow, CP1 and CP2 are now replaced by AHI Tree Diagram.	562635

Table 169: Obsolete Features

The following features are no longer available.

Description	Tracking ID
The Sharp Workflow will no longer be used to evaluate the overall health condition of asset. You can now use the Asset Health & Maintenance (AHMA) Workflow.	533775