



# ICS Integrity

## Release Notes

2023 (7.3)  
February 2023



# Contents

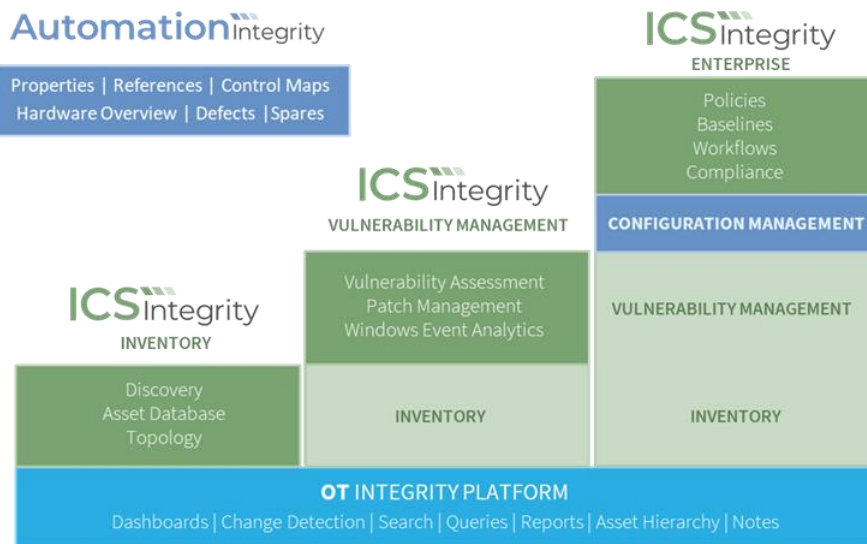
<b>Why Install This Version?</b> .....	<b>3</b>
Customer Requested Improvements .....	5
Supplied Asset Models .....	10
<b>To Install This Version</b> .....	<b>13</b>
<b>Additions to Documentation</b> .....	<b>14</b>
<b>Notes and Known Issues</b> .....	<b>14</b>

## SECTION 1

# Why Install This Version?

This product helps you protect your organization from safety and reliability threats and configuration changes. It enables internal and regulatory compliance while reducing compliance and operational efforts by up to 90%. With this product, you can manage across all major control system manufacturers to prevent unplanned downtime due to unauthorized changes.

ICS Integrity includes breakthrough in-product expansion to support industrial organizations as they mature their operational technology (OT) cybersecurity capabilities. The cybersecurity risk for critical infrastructure and process industries is greater than ever as digitalization projects and remote work requirements have expanded the attack surface. New modular licensing and deployment options in ICS Integrity provide flexibility to address specific needs at sites.



The key improvements in this version deliver the following benefits for shared Automation Integrity Software Suite and ICS Integrity capabilities:

### Data Forwarding and Receiving Improvements

The data forwarding and data receiving feature has been enhanced to simplify configuration. If you have configured data forwarding and receiving in Integrity 7.2 or earlier, your scheduled imports will continue to function. If you need to modify the imports after upgrading to Integrity 7.3 or later, you should recreate your data forwarding and data receiving configuration, along with any changes to it, using the latest version of the Admin Utility.

In most cases, you should need a single data receiving schedule to import data from separate sites or plants. In a few cases, you might have multiple schedules to accommodate importing data that is collected at different intervals. If you have more than one schedule for data receiving, make sure to allow enough time for each schedule to complete. For more information, see the *Administration Guide*.

### Changed functionality

On Dashboard views, the **PDF** button has been removed from **Print / Export Preview** windows. Instead, use the **Print** button to save a PDF if you want to create a PDF file.

On Dashboard charts, if a chart section is small, the details shown when you hover your mouse over the section might block you from clicking through to a window containing more details. If this happens, click the detail overlay to remove it and give you access to click through.

### Updated Setup Utility

The setup utility has been updated to improve performance. For more information, see the *Installation Guide*.

### Updated Documentation Delivery

The documentation is now hosted on the *Hexagon Documentation site* <https://docs.hexagonali.com/>, where you can find the latest documentation for your products. If you are unable to connect to the Internet to access this site, you can see the Help delivered with the product in the same interface locally.

The documentation site supports the following browsers:

- Google Chrome
- Firefox
- Microsoft Edge
- Safari 9.1

### New and enhanced asset model features

The following asset model updates have been made:

- Continued updates to improve viewers for various asset models.
- Improved asset viewer performance for assets with many viewers (tabs).

### Asset (data owner) name length enforcement

Asset (data owner) names can have a maximum of 50 characters. This limit is now being enforced when you create assets.

### Updated requirements

The following requirements have updates:

- This version of Integrity requires .NET Framework 4.8.
- This version of Integrity requires PAS Recon 4.11.0 or later if you use Inventory in your environment. If you upgrade Recon from version 4.5 or earlier, also update your data collection to the latest version.
- This version of Integrity requires PAS Dashboard 3.6 if you integrate Dashboard in your environment.
- If you are running SQL Server 2019, you can now run the databases in SQL Server 2019 compatibility mode. For more information, see the *Installation Guide*.

This release delivers the following benefit for ICS Integrity-only capabilities:

## Updates to Vulnerability Management and Patch Management

For more information about the following updates, see the *Administration Guide* and *User Guide*:

- Updated Dashboards for Vulnerability Management
- Dashboard widgets replace static widgets on the Vulnerability Summary window
- New Vulnerabilities Browse window allows further investigation from Summary charts and graphs
- New Endpoint Risk Analysis window to understand contributing factors to risk scores
- Risk scoring analysis using built-in and custom factors
- Vulnerability Management window redesigned and renamed CVE Management

**NOTE** If you are upgrading an existing Vulnerability Management environment, you must complete additional steps when you upgrade the product. For more information, see the *Installation Guide*.

## Customer Requested Improvements

This release includes these improvements requested by customers.

**NOTE** Case IDs listed with issue descriptions conform to various formats depending on the customer support system in use when a customer reported the issue. For example, some case IDs follow the format CAS-12345-A6B7C8 while others are numeric only, such as 234567.

### Case CAS-66306-H9K7T0, 217405

Resolved an issue where after the application of filter on Management page, failed to export it in Excel.

### Case CAS-67765-T8D4S5

Resolved an issue where Vulnerability Management Page will not load.

### Case CAS-71615-L3S4F3, CAS-71718-J6J6P7, CAS-71958-H7F5B3, CAS-77676-N5F4M3

Resolved an issue where IntegrityStandardWidget: "Change Tracking total Changes Trend" calculation failed.

### Case CAS-71590-H9D8G6

Resolved an issue where Reserved Spares not showing when ALL filter selected in spares view.

### Case 217236, CAS-73095-P7B0Z5

Resolved an issue where Document Manager could not build reference for Honeywell SM tag.

### Case 217309, CAS-71338-X1V9F8

Resolved an issue where Document Manager imported tag that was not available in Excel file, pdf, or zip.

**Case 217398, CAS-66630-C6H9Z8**

Resolved an issue where Document Manager has incorrect reference for tag in .pdf and .xps files.

**Case 217224, CAS-73477-B6C9D5**

Resolved an issue with Vulnerability Management page loading slowly.

**Case CAS-74493-N7N3Q0**

Resolved a typographical error in Windows Event Analytics message.

**Case CAS-74538-D9B2K8**

Resolved an issue where user cannot see properties when username includes "\x" or "\ux."

**Case CAS-75170-N1K9H8**

Resolved an issue where bulk asset import is taking long time to create the assets.

**Case CAS-75133-R2Q7M3**

Resolved an issue where PAS Recon Computer System Property names are not in a alphabetical order.

**Case 217039, CAS-76392-Z9H3Q9**

Resolved an issue where patches are not updating as per OS version.

**Case CAS-76406-N5J1K3**

Resolved an issue where Patch-Bulletin sort by Required not done correctly.

**Case CAS-76814-T2G9H4**

Resolved an issue where the Vulnerability Management Analytics dashboard is not working on enterprise server when using data forwarding.

**Case CAS-77348-R5Y3V5**

Resolved an issue where Vulnerabilities by location widget is calculating with errors.

**Case CAS-76808-V0Z8Q9**

Resolved an issue where Dashboard: pasCalculator service keeps failing on enterprise server.

**Case 216930, CAS-77660-R1P2L9**

Resolved an issue where an icon in asset hierarchy showing differently for particular plant and unit.

**Case CAS-77970-B6K7R2**

Resolved an issue with Inventory Browse search filters.

**Case CAS-77124-V9B2J8**

Resolved an issue where Vulnerability Summary and Management pages loading is taking more than a minute and half.

**Case CAS-78165-B0H3L0, CAS-78907-R9F9T0**

Resolved an issue where Report configuration Up/Down button images are reversed.

**Case 216879, CAS-78268-Z6D5N8**

Resolved an issue where MS patch evaluation not working on Windows 2019 Server Data Center

**Case CAS-78414-L1K9D8**

Resolved a "Resource cannot be found" error while navigating to Inventory Browse view by clicking in Inventory Summary page widgets when the Virtual Directory name was changed from Integrity.

**Case 216817, 217244**

Resolved an error when trying to view the MS Patch Evaluation Report.

**Case 216816, 217009**

Resolved an issue with a script error when running PAS Cyber Integrity Update Inventory Items import sequence.

**Case 223514, CAS-79017-R5Y2S0**

Resolved an issue where the Query Builder list details icon does not work as expected.

**Case CAS-78987-Q7W5B2**

Resolved an issue where Inventory Summary and Browse no longer show any data following a database upgrade.

**Case CAS-74949-M7M8P3, CAS-78865-Q7Y4B9**

Resolved an issue where an error message displays when using Export to Excel.

**Case 216637, CAS-79318-R2B1F0**

Resolved an issue where nothing happens and no files in the designated path show in Document Manager when selecting the **Show Files** button.

**Case 216722, CAS-79423-R6J0Y6**

Resolved an issue where the Experion import is recording thousands of import errors and .tmp files are filling up the configured temp folder.

**Case 216653, CAS-79620-T3J7T6**

Resolved an issue where attaching multiple documents to a checklist on the Attachments tab of the MOC causes all attached documents to open as the last document that was attached.

**Case CAS-75486-Y4W6T4, CAS-79619-R2Y1X3, 216654**

Resolved an issue where the Custom Property Form shows the ObjectName as Hexidecimal instead of the Friendly Name.

**Case 216808**

Resolved an issue where FILESTREAM causes significant growth when adding two widgets to a dashboard.

**Case 223559**

Resolved an issue where Integrity import triggers topology query update issue with high number of assets.

**Case CAS-78925-C0M0D4, 227349**

Resolved an issue where running `IntegrityDBCheck.exe` failed to recreate the index.

**Case CAS-79451, 216717**

Resolved an issue where patches have been installed, but the system is showing them as "Staged" in Patch Management.

**Case 219971**

Resolved an issue with missing properties data in Network Devices when a username contains "\x".

**Case CAS-75170-N1K9H8, CAS-78155-Q8T3F1, 234976**

Resolved an issue where bulk asset imports in data forwarding take a long time to create the assets and cause SQL timeouts.

**Case 237638**

Resolved an issue where PDF map and preview does not work.

**Case 236845**

Resolved an issue where cross-site scripting vulnerabilities were identified in security scans.

**Case 244512**

Resolved an issue where Windows user accounts that start with the letter "X" can't see properties on objects in Integrity.

**Case 225648**

Resolved an issue where Document Manager is not creating or displaying the documents.

**Case 258151**

Resolved an issue where disaster recovery database is created with FULL recovery model.

**Case CAS-64591-V4W1P5**

Resolved an issue with the Integrity Admin Guide to clarify how to automate the download and import for Patch Management.

**Case CAS-62602-M5C0Z5**

Resolved an issue where no progress bar displays when the home page is loading.

**Case CAS-72993-Y4K2R6**

Resolved an issue where the Workflows Adding Associated Objects window is too small and does not expand or allow proper scrolling.

**Case CAS-75069-P7V6M7**

Resolved an issue adding notes to tags.

**Case CAS-75524-G4T9D2**

Resolved an issue with scrolling list of objects when creating a case.

**Case CAS-57519-R4T2S2**

Resolved an issue where removing properties does not actually remove the properties from data in data forwarding.

**Case CAS-57520-F8L0J0**

Resolved an issue where data forwarding overwrites CFF files instead of appends data.

**Case CAS-72560-D3T4W5**

Resolved an issue where asset discovery not using hierarchy tree to display information.

**Case CAS-72869-G0X4V0**

Resolved issues where imported vulnerability data is overwriting existing data on the enterprise server and where the Vulnerability Management window does not show the forwarded data "CaseStatus" and "CaseId" columns.

**Case CAS-73772-G4R7N0**

Resolved an issue where data forwarding not working as expected.

**Case CAS-74716-P1L0W2**

Resolved an issue where bulk export of Inventory Items using data forwarding is not working.

**Case CAS-74996-Q7F7G5, CAS-75000-C1Z1W5**

Resolved an issue where exported data forwarding CSV file does not contain all the expected data.

**Case CAS-75748-K7L7P4**

Resolved an issue where SQL 2019 OLEDB autosize column had a truncation failure.

**Case CAS-76796-H8Y6V6**

Resolved an issue where PAS Dashboard has a calculation error when using the Vulnerability Management asset model.

**Case CAS-77254-T2Y2T5, 320113**

Resolved an issue where location-based views do not work for asset discovery.

**Case 315955, 320571**

Resolved an issue where the Cyber Integrity Inventory Update sequence fails giving an `IDC.exe` error.

**Case CAS-69649-W6T5Z0**

Enhanced the product with additional supported browsers (Google Chrome and Chromium-based Microsoft Edge).

**Case CAS-75003-K9L4D8, CAS-75002-N4X9X9, Case CAS-74995-M1V4P1, Case CAS-74928-W0Y1Y7**

Enhanced data forwarding to improve usability in the following areas:

- create `NewFiles.txt` file after data group objects are exported
- forward information for all site assets, at one time, to the enterprise server
- allow for a single data forwarding schedule

**Case CAS-76662-J6G5W5**

Clarified upgrade procedure for customers upgrading the Vulnerability Management module.

## Supplied Asset Models

The following list summarizes the asset model versions supplied with this version of the product. Asset models continue to be updated over time, and they are made available individually after they are tested and verified. Contact Technical Support if you want to know whether a later version of an asset model is available.

**ABB**

800xA 2.8.0

Freelance 2.1.0

Harmony 2.8.1

Symphony Plus 1.4.0

**AspenTech**

Aspen IQ 2.3.0  
DMCplus 6.0.0  
InfoPlus.21 3.1.0

**DOW**

MOD5 1.0.0

**Emerson**

AMS 2.1.0  
DeltaV 5.5.0  
Ovation 3.7.0

**GE**

Alspa 1.0.0  
Bently-Nevada 3500 2.8.0  
Cimplicity 2.2.0  
Fanuc 90 2.3.0  
Mark V 2.2.0  
Mark VI 1.5.0  
Mark VIe 1.5.0  
Proficy ME 1.4.0

**HIMA**

ELOP II 1.7.0

**Honeywell**

Experion (EPKS) 5.11.0  
FDM 1.2.0  
FSC 4.8.0  
Intuition Executive 1.1.0  
Intuition Forms 1.0.0  
LM 3.9.0  
PHD 5.21.0  
RMPCT 4.6.0  
SM 3.7.0  
TPS 2.8.0

**Intergraph**

INTools 6.3.0

**OSISoft**

PI 3.10.0

**PAS for IT-centric endpoints**

Network Devices 3.8.0

Recon 5.6.0

Sensor Data Integrity 1.3.0

Vulnerability Management 1.0.0

**Rockwell**

Allen-Bradley ControlLogix 5.7.0

Allen-Bradley PLC-5 4.8.0

Allen-Bradley SLC-500 4.6.0

ICS Triplex Trusted 1.3.0

Studio 5000 1.0.0

**Schneider Electric**

FDM 1.1.0

Foxboro Evo 1.6.0

Invensys CTS 1.3.2

Invensys Foxboro I/A 5.13.0

Invensys Infusion 3.5.0

Triconex MSW 4.7.0

Triconex TS1131 8.3.0

Modicon ProWorx Plus 3.4.0

Modicon ProWorx32 2.0.0

Unity Pro 1.1.0

Wonderware InTouch 2.2.0

**Schweitzer Engineering Laboratories**

Relays 1.0.0

**SKF**

Aptitude Observer 1.5.0

**Siemens**

PCS7 1.7.0

S7 400 2.8.0

T3000 2.1.0

TIA Portal 1.0.0

**Woodward**

GAP 1.5.0

**Yokogawa**

Centum CS3000 4.4.0

Centum VP 2.12.0

PRM 1.2.0

Prosafe RS 1.12.0

## To Install This Version

To install this version, see the *Installation Guide* for complete upgrade, installation, and configuration guidance. SQL Server must be configured with Instant File Initialization. For more information, see

<https://learn.microsoft.com/en-us/sql/relational-databases/databases/database-instant-file-initialization?view=sql-server-ver16>

<https://learn.microsoft.com/en-us/sql/relational-databases/databases/database-instant-file-initialization?view=sql-server-ver16>.

**NOTES**

- Automation Integrity customers who are upgrading and plan to use Sensor Data Integrity need to set up a simple asset hierarchy using the Admin Utility. For more information, see the *Administration Guide*.
- If you plan to use Vulnerability Management, set the PASIntegrityScheduler service to start automatically on the web servers in your installation.
- If you plan to use normalization rules, the PASIntegrityScheduler service can run to apply rules as you save or edit them. This service creates the PASScheduler database when it runs the first time. For more information, see "Defining Your Service Accounts" in the *Administration Guide*.
- If you plan to export templates or other Excel files from Sensor Data Integrity, make sure you have the Microsoft Access Database Engine installed on the data collector computers. For more information, see "Integrity Readiness Checklist" in the *Installation Guide*.
- If you are running SQL Server 2019 for your database server, you can now set the databases to run in SQL Server 2019 compatibility mode. For more information, see the *Installation Guide*.

- For new installations and upgrades, ensure that you have Full-Text Search installed for your SQL Server environment. Full-Text Search is an optional component of the SQL Server Database Engine. For more information, see "Installing Full-Text Search for SQL Server" in the *Installation Guide*.

If you are upgrading from a previous version of the product, this version requires a database update, which could take over 30 minutes to complete. The installation program automatically performs the database update when you install the product. For more information, see the *Installation Guide*.

## Additions to Documentation

These Release Notes provide additional information about this product version. The documentation provided with the Integrity software is up to date. This documentation includes the *Installation Guide*, *User Guide*, *Administration Guide*, and online Help posted on the *Hexagon Documentation site* <https://docs.hexagonali.com/>. When you install the product, the *PAS Third Party Software Notices - Integrity.txt* file is installed in the installation folder to provide additional license information.

### Update to Performing CVE Management and Understanding CVE Management Window topics

The screenshot on these pages is out of date. The following image shows the updated window.

CVE ID	Vendor	CVSS Bas...	Sev...	ICS...	Matc...	Match (V...	CPE (Vendor:Product:Version)	Inventory Item (V
CVE-2002-2...	microsoft	4.3	Medium	false	100	100:100:100	microsoft : internet_explorer : {0,8}	MICROSOFT : IN1 8.0.7601.17514
CVE-2002-2...	microsoft	4.3	Medium	false	100	100:100:100	microsoft : internet_explorer : {0,8}	MICROSOFT : IN1 8.0.7601.17514
CVE-2002-2...	microsoft	4.3	Medium	false	100	100:100:100	microsoft : internet_explorer : {0,8}	MICROSOFT : IN1 8.0.7601.17514
CVE-2004-0...	microsoft	10	High	false	100	100:100:100	microsoft : internet_explorer : *	MICROSOFT : IN1 8.0.7601.17514
CVE-2004-0...	microsoft	10	High	false	100	100:100:100	microsoft : internet_explorer : *	MICROSOFT COF EXPLORER (11.0.

## Notes and Known Issues

The following sections describe known issues related to this version of the product.

### **Multiple Endpoints Listed on Vulnerability Browse**

In the Vulnerability Browse and CVE Management windows, ICS systems with redundant components built in (such as Triconex TS1131 TMR) you might see those redundant endpoints represented in one of the following ways:

- When the ICS system data has been data forwarded, the endpoints will appear as multiple endpoints in one row in results.
- When the ICS system has not been data forwarded, only the first endpoint will appear in results.

### **Risk Score Shows Value of 0**

In some cases, your data results in a risk score could show a value of 0. If a risk score shows a 0 value, contact *Technical Support* <http://www.smartcommunity.hexagonppm.com> to troubleshoot and resolve.

### **Changed Behavior for Workflows Clear Button**

When viewing workflow cases, the **Clear State** button now only clears the grid state columns. In previous versions, the **Clear State** button also cleared any search criteria applied to the list of cases. The **Clear Search** button, an **x** to the right of the search text, now clears the search text. Click the **Search** button with no search text to refresh the displayed list. For more information, see the *User Guide*.

### **Only Built-in Widgets Support Sensor Data Integrity Data**

If you add widgets to the Sensor Data Integrity Summary, you cannot configure them to access Sensor Data Integrity data. Only built-in widgets support displaying Sensor Data Integrity data.

### **Integrity and PAS Dashboard Must be Installed in Same Domain**

If you are using Integrity with PAS Dashboard, install both products in the same domain. For more information, see the PAS Dashboard *User Guide*.

### **Inventory Items Might Not Forward Correctly in Some Multiple Database Environments**

Some complex enterprise scale architectures requiring data forwarding between multiple Integrity instances, multiple databases, or bidirectional configurations might experience issues with inventory data coherence. This is a known issue that will be corrected in a future release.

### **Inventory Filtering Can Produce Unexpected Results in Advanced Search**

In this release, inventory items do not appear by default in the Advanced Search window. After you install this version, you must create the default filter, save it, and apply the settings to display inventory items in the Advanced Search window.

If you are updating from a previous version of the product, previously created filters that included quotation marks do not display items. You must create new filters and apply the settings to display inventory items that include quotation marks in the filter for the Advanced Search window.

### **Listing Inventory Items in the Advanced Search Window Requires a Filter**

Integrity can create a very large number of objects as it records your inventory items, such as I/O cards and drives, across many systems. The Integrity web interface allows you to view your inventory items and filter the list to find the specific items of interest. If you try to view all your

inventory items without any filter in the Advanced Search window, that request can time out due to the large number of items. Define a filter that reduces the amount of data and helps you focus on the information you need.

### **Ability to Adjust Vulnerability Management Security Levels Suspended**

The Severity level on the Vulnerability Management window represents the level assigned by the NVD. If you defined custom severity levels for CVSS Base Score ranges in Integrity 6.3.0, your customized severity level are no longer represented in the Vulnerability Management window.

### **Recon Report Views**

For environments with very large databases, Recon Report Views could time out and not show the requested report.

### **User Cannot Create Notes**

When configuring Web server roles during Integrity installation, do not enable WebDAV Publishing under Common HTTP Features, and make sure that it does not show as installed. For more information, see the *Installation Guide*.

### **Error When Using Notes**

From the Notes Summary, when you view a note attached to a deleted object, clicking the **+Add Notes** button causes an error.

### **Associated Object Link in Notes Only Allows Deleted Objects**

When editing a note, the **Associated Objects** link does not currently provide a way to associate to non-deleted objects.

### **Export to Excel Limitations on CVE Management Window**

When you export results to Excel on the CVE Management window, the following limitations apply:

- Microsoft Internet Explorer 11 exports a single page of results, up to 200 rows.
- Microsoft Edge and Google Chrome export up to 30,000 rows of results.

To work around these limitations, create a query to display the data, and then create a report using the query.

### **Cannot Export to Excel on Integrity Server**

Integrity allows you to export displayed information to a Microsoft Excel file in several areas of the Integrity web interface. However, if you are running the Integrity web interface in a browser on the Integrity server, the default security settings do not allow you to download files through Internet Explorer. You should not change or disable the IE Enhanced Security Configuration for Administrators and Users settings, which could make the server potentially vulnerable. Instead, you can use the Integrity web interface in a browser on another computer to export the information you need.

## Common Fields Require Unique Sublist (Sub-field) Names

If you create multiple list common fields that have sublists, the name of each sublist (specified in **Sub-field**) must be unique. If two list common fields have a sublist with the same name, the values of that sublist can overwrite each other in the database.

## Updating Asset Models with MOC Tabs

In previous Integrity versions, the terms Management of Change (MOC) and Workflows were used throughout parts of the product. Some asset models, such as PAS Recon, may still provide MOC and MOC Case tabs. If you want to change these tab names without upgrading the asset models, you can change them through the Asset Model Builder. Contact Technical Support to guide you through the process of updating the tab name.

In addition to asset models that provide information to Integrity about a specific class of systems, such as Honeywell EPKS or Yokogawa Centum VP, Integrity also provides product models and customer models. For more information, see the *Installation Guide*.

Customer models can include customer-specific implementation details and many have file names with square brackets, such as [PAS Dashboard] or [PAS Baselines]. If you import an updated version of these asset models, you can lose some of your implementation settings. When a new version of a customer model is available, contact Technical Support to determine how to adjust your model using the Asset Model Developer Kit (AMDK). In addition, most customer models are imported using the Asset Model Developer Kit (AMDK) rather than the Admin Utility. For more information about using the AMDK, see the *Integrity Administration Guide*.

## Generating Visio Reports

When generating Visio reports from a viewer in Integrity, complex maps may not display correctly in Visio. In these cases, the maps the viewer displays include only the base objects of the map. Our development team is working on this issue.

## Working with Baselines

When working with Baselines, several existing issues have been identified. Our development team are working to resolve the following issues:

- The IntegrityDB service needs to be stopped before importing the PAS Baselines Asset Model into the primary database to prevent assets in the secondary database from throwing an error.
- When locking a newly created baseline for the first time, you may receive an error that the baseline cannot be locked. If you try to lock the baseline a second time, you will not receive an error, but the baseline will lock after a period of 10 minutes.
- Deleting an incomplete Security Baselines workflow case does not remove the case's association with the deviation objects, and these deviation objects can no longer be associated with a different workflow case.
- When change objects from the Changes Summary are associated with a Security Baselines workflow case, an error occurs while displaying these associated objects from the case's detail viewer.
- Deviation objects that are associated with an incomplete "Accept" workflow case still remain after they have been resolved in source.
- Associated deviation objects of a completed "Accept" Security Baselines workflow case can change in the next import of source assets and cause confusion.

- When accepting deviations through the web console, some of these changes in baselines are not properly displayed in the Change Summary viewer. However, they are available in the Modification viewer for the object.

### **Running Imports at the Same Time Causes an Error**

An import error can occur if an import of one asset runs at the same time as an import of another asset and those two assets contain files for the same device. If you run the imports separately, no error occurs.

### **Please Wait Message Remains After PDF File Generated**

In some cases, such as printing workflows, Integrity displays a window with a message to please wait. To work around this issue, install Adobe Reader on client machines that request PDF files from Integrity.

### **Display Issues with Darktrace and Internet Explorer**

If you have integrated Darktrace with Integrity, you might have trouble displaying the Darktrace web interface in Internet Explorer. To work around this issue, right-click the Darktrace link in Integrity, copy the link address, and paste it in a Chrome browser address bar.

### **Patch Management Grid Does Not Resize to Show Results**

When you search for items in Patch Management and select the **Patch** button under **Options**, the grid does not resize to show the results. To work around this issue, select another button under **Options** to show the results.

### **Event Analytics Notifications Contain No Body Content or Do Not Send**

If you configure Event Analytics to send notifications, the emails contain no content. When you use specific username and password credentials, Integrity does not send the emails.