



GE VERNOVA

**PROFICY® SOFTWARE & SERVICES**

# PROFICY HISTORIAN

Release Notes

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
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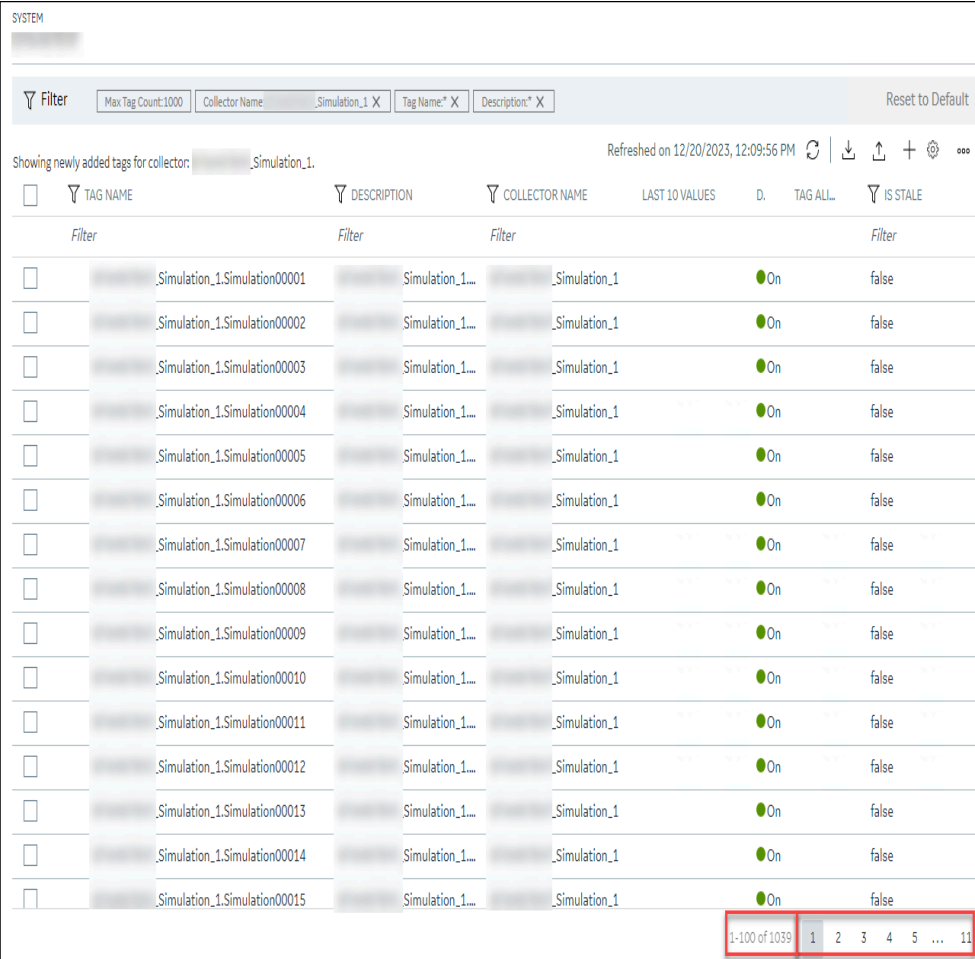
# Chapter 1. Release Notes



## What's New in Historian 2024

Description	Tracking ID
<p><b>Configuration Hub Enhancements</b></p> <p>Configuration Hub provides a better user experience using an IDE model to manage systems, bringing in consistency across the portfolio to manage the configuration and administration of multiple products.</p> <p>The following Historian specific enhancements are made in Configuration Hub:</p>	
<p><b>Ability to register and manage Configuration Hub plugin for Historian:</b> You can manage the Configuration Hub plugin for Historian using Configuration Hub. You can register a plugin, unregister a plugin, modify a plugin, and view Historian node and plugin-specific details using the Node Manager. For more information, refer to Historian plugin management.</p>	F69440
<ul style="list-style-type: none"><li>• <b>Ability to browse tag details when primary node is inactive:</b> In a horizontally scaled system, when a primary server's central configuration manager is inactive, you can still browse tags by adding distributed or mirror nodes as a backup for the primary server. When you add a node as the backup, the Data Archiver of that node functions as the Configuration Manager, and sends the relevant tag information to the client manager.</li></ul> <p>To facilitate this enhancement, a new <b>Support for Browse Tags, if primary server down</b> property has been added in the <b>Systems &gt; GENERAL</b> section of the <b>DETAILS</b> section.</p> <p>For more information, refer to browse tags using distributed or mirror node servers when primary server is inactive.</p>	F69877
<ul style="list-style-type: none"><li>• <b>Create custom templates for common configurations:</b> You can create configuration templates for both data stores and collectors separately.</li></ul> <p>To facilitate this enhancement, a new <b>Configuration Templates</b> section has been added in the Configuration Hub plugin for Historian. Within the <b>Configuration Templates</b>, you are provided with two different tabs, one tab to configure collector-specific template, and the other tab to configure data store-specific template.</p>	



Description	Tracking ID
<div data-bbox="282 260 1172 441" style="border: 1px solid #0070C0; border-radius: 10px; padding: 10px; background-color: #E6F2FF;">  <b>Note:</b>            You can apply a data store configuration template to a user-created data store, provided they are not set as the default data store.         </div> <p data-bbox="282 474 925 506">For more information, refer to Configuration templates.</p>	
<p data-bbox="201 562 1156 730"><b>Ability to reset collector overruns:</b> You can reset overrun count of a collector instance to zero without restarting the collector. To facilitate this enhancement, a new collector action <b>Reset Overruns</b> has been added. For more information, refer to Reset Overruns.</p>	F70190
<p data-bbox="201 758 1156 1062"><b>Ability to be notified when a restart of collector instance is required:</b> When you modify certain configurations of a collector instance, you will be prompted to restart the collector instance. To facilitate this enhancement, a new confirmation dialog has been added. Whenever you modify certain configuration and save, you will be prompted with an option to restart the collector instance. If you decide not to restart, a notification will be displayed in the <b>DETAILS</b> section, stating that the selected collector instance needs a restart.</p> <div data-bbox="201 1096 1172 1276" style="border: 1px solid #0070C0; border-radius: 10px; padding: 10px; background-color: #E6F2FF;">  <b>Note:</b>            The modification(s) will take effect only after you restart the collector instance.         </div> <p data-bbox="201 1310 860 1341">For more information, refer to Modify collector instance.</p>	
<p data-bbox="201 1369 1149 1631"><b>Ability to validate the destination Historian connection while adding a collector instance:</b> You can test a destination Historian server's connection status while adding a collector instance. This will enable you to connect to a valid, and an active destination Historian server. To facilitate this enhancement, a new <b>Test Connection</b> button has been added in the <b>Collector Initiation</b> section, and also in the <b>Update Collector Credentials: &lt;Collector name&gt;</b> window for all the collectors.</p>	
<p data-bbox="201 1656 1166 1824"><b>Ability to validate the source Historian connection while adding a Server-to-Server Collector or Server-to-Server Distributor collector instance:</b> You can test a source Historian server's connection status while adding a collector instance. This will enable you to connect from a valid, and an active source Historian server. To</p>	

Description	Tracking ID
<p>facilitate this enhancement, a new <b>Test Connection</b> button has been added in the <b>Source Configuration</b> section.</p>	
<p><b>Ability to configure multiple tags at once:</b> You can select multiple tags and configure their common configurations at once. To facilitate this enhancement, you are now enabled to select multiple tags using their corresponding check boxes, or you can select all the available tags using the check box available in the grid's header.</p> <p>For more information, refer to Configure multiple tags.</p>	
<p><b>Ability to add and view the actual unit of measure of a tag's value:</b> You can add the actual unit of measure of a tag's value. This will help you to view and add more context to a tag's value that you pull. To facilitate this enhancement, a new <b>EGU Description</b> property has been added in the <b>SCALING</b> section of tag's <b>DETAILS</b> section.</p> <p>The engineering unit that you provide will be displayed under the <b>Engineering Units</b> column in the table view, and as a tool tip in the trend view, when you view the view the last 10 values of the tag, or when you generate a query/write report in the <b>Data</b> page.</p> <p>For more information, refer to the <b>SCALING</b> section in Access Tags.</p>	
<p><b>Ability to view Tag Creation Audit Trail:</b> You can view the Tag Creation Audit Trail details for a tag. To facilitate this enhancement, new <b>Created By</b>, and <b>Created Time</b> properties have been added in the <b>Tags &gt; DETAILS &gt; GENERAL</b> section.</p>	
<p><b>Ability to add a stale period check for data store level:</b> You can view the number of days or the frequency for checking data store validity. To facilitate this enhancement, a new <b>Stale Period (Days)</b> property has been added in the <b>MAINTENANCE</b> section in the Data Stores <b>DETAILS</b> section.</p> <p>For more information, refer to the <b>MAINTENANCE</b> section in Access a Data Store.</p>	
<p><b>Ability to Import/Export:</b> You can import/export tags and their details, user defined-defined types (UDT), and Enumerated sets in a CSV format. This will enable you to export the data, modify the data, and then import them back using Configuration Hub. To facilitate this enhancement, the  and  buttons have been added in the corresponding sections.</p> <p>For more information, refer to the following sections:</p>	


Description	Tracking ID
<ul style="list-style-type: none"> <li>• Import, and Export tag details.</li> <li>• Import, and Export UDT.</li> <li>• Import, and Export Data Attribute Enumerated sets.</li> <li>• Import, and Export Enumerated Sets.</li> </ul>	
<p><b>Ability to view the grid count and navigate through grids:</b> You can view a grid's total and selected count, and when there are more than 100 rows in a grid, you can use the page numbers to navigate through the grid details.</p> <p>To facilitate this enhancement, grid count (total and selected) and page numbers have been added below a grid.</p>  <p>The screenshot shows a web interface for managing simulation tags. At the top, there's a 'Filter' section with buttons for 'Max Tag Count:1000', 'Collector Name: .Simulation_1 X', 'Tag Name:* X', and 'Description:* X', along with a 'Reset to Default' button. Below this, it says 'Showing newly added tags for collector: .Simulation_1.' and 'Refreshed on 12/20/2023, 12:09:56 PM'. The main part is a table with columns: TAG NAME, DESCRIPTION, COLLECTOR NAME, LAST 10 VALUES, D., TAG ALL., and IS STALE. The table lists 15 simulation tags (Simulation_1.Simulation00001 to Simulation_1.Simulation00015). At the bottom right of the table, there is a pagination bar showing '1-100 of 1039' and page numbers '1 2 3 4 5 ... 11', with the first few numbers highlighted in a red box.</p>	
<p><b>Implement Data Store-level security:</b> Similar to tag-level security, you can also define data store-level security to protect sensitive tags.</p>	F70957

Description	Tracking ID
<div data-bbox="203 262 1172 441" style="border: 1px solid #0070C0; border-radius: 10px; padding: 10px; background-color: #E6F2FF;">  <b>Note:</b>                      However, the security settings defined at the tag level, if any, take the precedence over those at the data store-level.                 </div> <p>To facilitate this enhancement, the following properties have been added in the <b>SECURITY</b> section, in the data store <b>DETAILS</b> section. For more information, refer to Implementing data store-level security.</p>	
<p><b>Ability to configure multiple data archive paths:</b> Multiple archive paths feature extends the ability to configure a default archive path for each data store.</p> <p>This feature enables you to automatically store your archives in different locations based on the age of the archive. It can be useful when splitting the data for a data store across multiple hard drives, primarily for performance and cost optimization. Additionally, it could help optimize disk space constraints.</p> <p>To facilitate this enhancement, a <b>Multiple Archive Paths</b> property has been added in the <b>ARCHIVE CREATION</b> section in the data store's <b>DETAILS</b> section. For more information, refer to Multiple archive paths.</p>	F70956
<p><b>Ability to configure security groups to use Proficy Authentication:</b> You can configure <b>Security Group</b> at global (system) level to use Proficy Authentication. To facilitate this enhancement, a new <b>Use Proficy Authentication</b> option has been added to <b>Security Group</b> in the System's <b>GLOBAL SECURITY</b> section. If you select the <b>Use Proficy Authentication</b> option, the system will use the groups specific to Proficy Authentication (UAA) for authorization. Only the users or groups that belong to the Proficy Authentication will have specific permissions and access rights. For more information, refer to the <b>GLOBAL SECURITY</b> section in Access a System.</p> <div data-bbox="203 1480 1172 1705" style="border: 1px solid #0070C0; border-radius: 10px; padding: 10px; background-color: #E6F2FF;">  <b>Note:</b>                      To use <b>Proficy Authentication</b> security group, you must perform the configurations listed in the Configurations to use Proficy Authentication Security Groups section.                 </div>	F69870
<p><b>Ability to generate configuration reports:</b> You can generate report to get a concise summary of tag-specific data of a specific collector. You can select a report from the available predefined templates and generate a categorized report.</p>	F66520



Description	Tracking ID
<div data-bbox="203 262 1172 394" style="border: 1px solid #0070C0; border-radius: 10px; padding: 10px; margin-bottom: 10px;">  <b>Note:</b> The reports are applicable only to the Historian destination collectors. </div> <p>To facilitate this enhancement, a new <b>Reports</b> section has been added in the Configuration Hub plugin for Historian. Within the <b>Reports</b> section, you are provided with a list of available predefined templates. You can select a template and generate its corresponding report and export it. For more information, refer to About reports.</p>	
<p><b>Ability to save data query and access it:</b> You can save queries that you use to read tags data. You can use this option to save queries that you may frequently use to read specific tags data. This will help you in the following:</p> <ul style="list-style-type: none"> <li>• Quickly gather insights of specific tags.</li> <li>• Create and save a predefined query only once and use it as needed.</li> <li>• You can use the <b>Shared</b> option to make the query visible to the other users in the same network.</li> </ul> <div data-bbox="284 1045 1172 1220" style="border: 1px solid #0070C0; border-radius: 10px; padding: 10px; margin-top: 10px;">  <b>Note:</b> Once you share a query, all the other users will also be able to edit, and delete it. Be mindful about making a query as a shared query. </div> <p>To facilitate this enhancement, a new <b>Save Query</b> button has been added in the <b>New Query</b> tab. The button will appear after generating a <b>Read Data</b> report. Additionally, a new <b>Saved Queries</b> tab has been added, which contains the list of all saved queries. For more information, refer to Save a Query.</p> <p>You can also update a saved query. For more information, refer to Update a saved query.</p>	
<b>Other Enhancements</b>	
<p><b>Term Licensing:</b> In parity with other products within the Proficiency portfolio, Historian licensing also supports a term license model. This will give you the flexibility to subscribe to Historian for a subscription fee based on your requirement.</p>	F69872
<p><b>Enhanced data type support for MQTT Collector:</b> The support of Array tags has been added for the MQTT Collector.</p>	

Description	Tracking ID
<p><b>ETL Tools Enhancement:</b> Performance improvements are made for the eDNA extractor.</p>	
<p><b>New MQTT Sparkplug B Collector:</b> You can connect as a Primary Host application and collect data based on the MQTT Sparkplug B specification (Sparkplug 3.0.0). Specifically, you can subscribe to a topic that was published using the Sparkplug B payload and collect time-series data in a structured and understandable format. To facilitate this enhancement, a new <b>MQTT Sparkplug B Collector</b> has been added. You can install this collector and configure it to collect data based on the MQTT Sparkplug B specification (Sparkplug 3.0.0).</p> <p>For more information, refer to MQTT Sparkplug B Collector.</p>	F73170
<p><b>Ability to extensively use the Python Collector:</b> You can now extensively use Python collector. This collector is available for use in both the Configuration Hub and the Historian Administrator. However, for a seamless user experience, it is recommended to use the collector in the Configuration Hub. To facilitate this enhancement, the following enhancements have been added in the Configuration Hub:</p> <ul style="list-style-type: none"> <li>• Dedicated Python script editor.</li> <li>• Extensive list of built-in functions that you can use in your script. For more information, refer to Available functions.</li> <li>• Extensive list of supported data types. For more information, refer to Supported data types.</li> <li>• Capability to import third-party, custom Python modules and use them in the script. For more information, refer to Import third-party or custom Python Modules.</li> <li>• Capability to configure path for the newly installed Python modules using Configuration Hub. For more information, refer to Configure Python Library Path.</li> </ul>	F63933
<p><b>Support for Mutual TLS (MTLS) Protocol for Enhanced Security:</b> You can use MTLS protocol for Historian core services and also collectors. To facilitate this enhancement, the following enhancements have been added:</p>	F70082

Description	Tracking ID
<ul style="list-style-type: none"> <li>• Generating the required root certificate for Historian and core services can be done using the installer. You do not have to manually generate and trust the root certificates. For more information, refer to Certificate-based security for MTLS.</li> <li>• An option to Enable MTLS Security for collector specific instances has been added in Configuration Hub. For more information, refer to Enable MTLS Security for Collectors.</li> <li>• An option to encrypt the MTLS messages sent to Historian has been added. For more information, refer to Enable MTLS Security for Collectors.</li> </ul>	
<p><b>Ability to create data attribute enumerated set:</b> You can create and define a custom text for the quality status and view it in the <b>Attributes</b> column instead of the value when you retrieve the tag data. For example, if your tag is receiving bit positions indicating the quality status (that is, 1 for Old data, 2 for Bad data, and 30 for Good data), you can map the bit position to a custom text and assign it to a set. So, when you view the actual values of the tag, the <b>Attributes</b> column will display the mapped custom text instead of the integer (the bit positions). To facilitate this enhancement, in Configuration Hub, a new <b>DATA ATTRIBUTE ENUMERATED SET</b> option has been added in the <b>Manage Enumerated Sets</b> section. To enable data attribute enumerated set, you must set the <b>DATA ATTRIBUTE ENUMERATED SET</b> option to <b>True</b>. For more information, refer to about data attribute enumerated set.</p> <div data-bbox="203 1207 1172 1564" style="border: 1px solid #0070C0; border-radius: 10px; padding: 10px; background-color: #E6F2FF;"> <p> <b>Note:</b> Once you created a data attribute enumerated set in Configuration Hub, you can use it in Historian Administrator. However, it is not recommended to modify the created Data Attribute Enumerated set in the Historian Administrator. If you modify it using the Historian Administrator, the <b>DATA ATTRIBUTE ENUMERATED SET</b> field will be changed to <b>False</b> in Configuration Hub.</p> </div>	F73356
<p><b>Ability to visualize and interact with Historian specific REST APIs using Swagger UI:</b> You can now access Historian REST APIs using Swagger UI. This tool enables you to visualize and interact with the API resources without having any of the implementation logic in place, establishing a fully interactive documentation experience using Swagger. For more information, refer to Swagger Documentation.</p>	F69878
<p><b>Enhancements in Historian REST APIs for Tags</b></p>	F70197

Description	Tracking ID
<p><b>Taglist API:</b> To avoid pagination related issue, you can set the pagesize parameter to 0. This will provide all tags at once without any pagination.</p> <p><b>Engineering Units:</b> Tag Data response now includes Engineering Units. For example,</p> <pre data-bbox="212 495 1170 1310"> {   "ErrorCode": 0,   "ErrorMessage": null,   "Data": [     {       "TagName": "Test2020_Simulation.Simulation00001",       "ErrorCode": 0,       "DataType": "Float",       "EngineeringUnits": null,       "HiEngineeringUnits": 200000,       "LoEngineeringUnits": 0,       "Samples": [         {           "TimeStamp": "2023-12-04T13:04:51.000Z",           "Value": "93319.5",           "Quality": 3,           "DataAttributes": []         }       ]     }   ], }</pre>	

## Resolved Issues

Description	Tracking ID
<p>Previously, when you viewed the Last 10 Values of the tags of Server-to-Server collector, the trend was not visible, however, if you right-click on the tags, it was visible. This issue has been resolved in Historian 2024.</p>	01092678 (DE205966)
<p>Previously, there were Apache Tomcat vulnerabilities observed in Historian server. This issue has been resolved in Historian 2024.</p>	01088103, 01086760, 01115035, 01114659, 01113071,

Description	Tracking ID
	01107496, 01130189, 01118147 (DE204880)
Previously, using Web Administrator, when you viewed the Last 10 Values of a tag, the trend data was not displayed. This issue has been resolved in Historian 2024.	01086847 (DE205687)
Previously, on Configuration Hub, when you searched tags by their collection interval, the tags were not returned. This issue has been resolved in Historian 2024.	01083356 (DE205085)
Previously, there were OpenSSL 1.1.1k vulnerabilities observed in Historian. This issue has been resolved in Historian 2024.	01070308, 01050129 (DE204882)
Previously, when you attempted to extract 71 and more good quality codes using the Proficy Historian eDNA ETL tool, and then used them in configuration, all the codes were not being considered. This issue has been resolved in Historian 2024.	01093884 (DE212931)
Previously, when you attempted to start the Historian ETL PI Extract Settings, the settings did not start as the IHELPIExtract services did not start or respond. This issue has been resolved in Historian 2024.	01052974 (DE199961)
Previously, files with the wrong time format were not moved to the Error folder. Instead, they kept executing forever. This issue has been resolved in Historian 2024.	01093946 (DE212928)
Previously, there was an issue in creating a LAX file for unacknowledged and/or not closed alarm. This issues has been resolved in Historian 2024.	01098478 (DE212929)
Previously, when you attempted to load the LAX file containing custom attributes, it did not work. This issue has been resolved in Historian 2024.	01082173 (DE212930)
Previously, using the Proficy Historian Excel Add-in, when you attempted to export tags from a Historian with more than 82,000 tags, it appended an underscore at the beginning of the tag name. This issue has been resolved in Historian 2024.	01093704, 01095104 (DE204980)
Previously, when you attempted to browse, the Show ALL Children was disabled when you had collector with a large hierarchy. This	01106682 (DE208000)

Description	Tracking ID
issue has been resolved in Historian 2024 by providing recursive browsing support for the OPC UA Collector.	
Previously, STA model was not supported for OPC Collector. This issue has been resolved in Historian 2024 by adding support of the STA model.	01097084 (DE208654)
Previously, when you attempted to query string tags in trend mode, there was an increase in the DataArchiver memory until it stopped or became unresponsive. This issue has been resolved in Historian 2024 through memory optimization.	01112199 (DE210018)
Previously, after Historian alarms and events backup, purge, and restore procedures, not all alarms were available. This issue has been resolved in Historian 2024.	01109547 (DE213006)
Previously, when you used tag type Array of string and multifield, memory spike was observed. This issues has been resolved in Historian 2024.	DE204209
Previously, due to memory leak issue, the Historian 2022 Server-Server Collector did not function. This issue has been resolved in Historian 2024 through memory optimization.	DE203744
Previously, in operating system of specific languages, the iFIX collector stopped working when tags were browsed in Historian Administrator. This issue has been resolved in Historian 2024 by updating the latest APIs.	01092706, 01093358 (DE206183)
Previously, when the Historian local security was enabled, and the LDAP user was added to 'ih_security_admins' group, the LDAP user was not able to query data from Historian and did not load Historian plugin on Configuration Hub. This issues has been resolved in Historian 2024.	01081620 (DE208053)
Previously, in a redundant configuration, if you set fail over triggers, the OPC UA collector stopped working on both the collector machines. This issue has been resolved in Historian 2024.	01090819 (DE208653)

Description	Tracking ID
Previously, in a redundant configuration, there were bad values observed in OPC UA Collector. This issue has been resolved in Historian 2024.	01066966 (DE199964)
Previously, in a redundant configuration, there were bad values observed in OPC UA Collector and lot of logs were created. This issue has been resolved in Historian 2024.	01080450 (DE201897)
Previously, the MQTT Collector had memory leak. This issue has been resolved in Historian 2024.	01100809 (DE206909)
Previously, the OPC client ReadRaw call caused Server to fragment memory. This issue has been resolved in Historian 2024.	01112205 (DE210166)
Previously, the collector HDA became unresponsive after adding new tags. This issue has been resolved in Historian 2024.	01094822 (DE205288)
Previously, the OPC Classic HDA Collector restart took more time than expected. This issue has been resolved in Historian 2024.	01090894 (DE205285)
Previously, the OPC Classic HDA Collector was failing with Geo SCADA, bot being on the same machine. This issue has been resolved in Historian 2024.	01047010 (DE199907)
Previously, when you viewed the Last 10 Values of a tag using the OPC UA Collector in Historian Administrator, the data values were reported to be of bad quality, although, the values came from another good tag. This issue has been resolved in Historian 2024.	01111077 (DE210392)
Previously, you were able to enter a Scada Buffer Duration value beyond the actual supported maximum value in the Scada Buffer Duration(Days) field. This issue has been resolved in Historian 2024 by adding a conditional check on the maximum value that is being entered.	01100502 (DE208287)
Previously, when using the OPC UA HDA Collector, tags with bad quality in the Archive were incorrectly shown as having good quality. This issue has been resolved in Historian 2024.	01074939, 01082827 (DE202695)
Previously, the Filtered Data window screen in Excel Add-in was very small. This issue has been resolved in Historian 2024 by increasing the dimension (Height, Width, Top, and Left).	01071028, 01071216, 01084176, 01096784, 01098978 (DE173096, DE199256)

Description	Tracking ID
Previously, when you query Alarms and Events, the Perform_Comment field was blank, although it existed in the database. This issue has been resolved in Historian 2024.	01095954, 01085812 (DE205472, DE205095)
Previously, restoring .zip archives from Historian 7.1 to a Historian 2022 server resulted in an empty archive. This issue has been resolved in Historian 2024.	01048625 (DE199965)
Previously, the OPC UA collector stored the data quality as 'GOOD' when the actual quality was BAD. This issue has been resolved in Historian 2024.	01019528 (DE181224)
Previously, there were some differences in data retrieval using the interpolated or calculated mode between Historian versions 3.1 and 9.1. This issue has been resolved in Historian 2024.	01048854 (DE201650)
Previously, both tags, one of type 'Byte' and the other of type 'Quad Integer', were incorrectly returning same value for the datatype when queried through the User API for properties. This issue has been resolved in Historian 2024.	01055391 (DE199962)
Previously, the configuration manager became unresponsive on primary node unexpectedly, preventing the users from adding tags. This issue has been resolved in Historian 2024.	01072354 (DE212949)
Previously, although the OPC UA Data Access Collector was able to connect and browse some folders but could not see the items that are located under sub-folders. This issue has been resolved in Historian 2024.	01114602 (DE210148)
Previously, the Data Archiver stopped working frequently and there was no information in the log. This issue has been resolved in Historian 2024.	01107015 (DE212951)
Previously, when Historian server stopped working, restarting the services caused the Configuration manager to become unresponsive. This issue has been resolved in Historian 2024.	01107511 (DE209451)
Previously, when using the Excel Add-in for Current Value and Raw Data, if the tag quality was 'BAD', then <b>BAD</b> was displayed instead of	01058496 (DE199960)




Description	Tracking ID
the actual value in the <b>Value</b> column. This issue has been resolved in Historian 2024.	
Previously, when using Condition Based Collection, the Historian OPC Collector stopped working. Also, excessive logs were created. This issue has been resolved in Historian 2024.	1043533 (DE196097)
Previously, when you ran an Interpolated Query in Excel Add-in by setting a specific time interval, the query returned incorrect value. This issue has been resolved in Historian 2024.	1065803 (DE199958)
Previously, in Excel Add-in, the Calculated Data with Query Criteria as String returned incorrect values. This issue has been resolved in Historian 2024.	01031714 (DE198804)
Previously, when the connection to the OPC UA Server was lost, the OPC UA Collector was displaying the tag quality as GOOD, even though the actual quality was BAD. This issue has been resolved in Historian 2024.	1052808 (DE200995)
Previously, on Non-web Admin, when viewing the Default Collector Compression Timeout setting, the value was not visible or updated correctly if the Deadband type was set to Absolute. This issue has been resolved in Historian 2024.	01083360, 1009963 (DE203189)

## Known Issues and Limitations

**Table 1. Upgrade Related Known Issues**

Description	Tracking ID
<p>Upgrading only the Client Tools to 2024 from an older version upgrades the Historian Server, but does not include the MTLS files.</p> <p><b>Workaround:</b> When upgrading Client Tools to 2024, ensure that you also upgrade the Historian Server to 2024.</p>	DE208482
In a Historian server 2023, AlarmArchiver 2023, and Collectors 2023 setup, if you upgrade only the Alarm archive to 2024, and start the collectors, the collectors do not start.	DE211329

**Table 1. Upgrade Related Known Issues (continued)**

Description	Tracking ID
<div style="border: 1px solid #0070C0; border-radius: 10px; padding: 10px; margin-bottom: 10px;">  <b>Note:</b>                      This is also applicable to an upgrade of Historian 2022, AlarmArchiver 2022, and Collectors 2022 setup to 2024.                 </div> <p><b>Workaround:</b></p> <ul style="list-style-type: none"> <li>• Along with the AlarmArchiver, you must upgrade the Historian server to 2024.</li> <li>-OR-</li> <li>• If you do not use MTLs, disable it.</li> </ul>	
<p>If you update AlarmArchiver from 9.1 Alarms &amp; Events to 2024 Alarms &amp; Events, without updating Historian server to 2024, the Data Archiver will not start.</p> <p><b>Workaround:</b> Along with the AlarmArchiver, you must upgrade the Historian server to 2024.</p>	DE206514
<p>In a 9.0 or 9.1 standard Historian, Alarm Archiver, and AEDB SIM (if any) setup, when you upgrade the Alarm Archiver to 2024, the Data Archiver will also get upgraded to 2024.</p>	DE210847
<p>When you upgrade Web-based clients to Historian 2024 on a non-English operating system, you will see port conflicts that do not allow you to proceed.</p> <p><b>Workaround:</b> Use the silent installation method to install the Historian Web-based clients.</p>	DE210880
<p>Port conflict occurs when you upgrade Web-based Clients from 2023 to 2024, on a non-English operating system.</p>	DE212901

**Table 2. Path Related Issues After Install or Upgrade**

Description	Tracking ID
<p>Even if the Historian server is not installed on the C: drive, <b>RemoteCollectorConfigurator.exe</b> is installed in C:\Program Files\GE Digital\NonWebCollectorInstantiationTool.</p>	DE212800
<p>The File collector cannot be processed after upgrading from version 2022 to version 2024.</p>	DE210946

**Table 2. Path Related Issues After Install or Upgrade (continued)**

Description	Tracking ID
<p>If you installed Calculation collector or Windows Performance collector using either iFIX Proficy installer or CIMPLCITY Proficy installer, they fail to start after you upgrade them to 2024.</p> <p><b>Workaround:</b> After you upgrade the collectors, copy the collector files to the initial install directory. That is, C:\Program Files (x86)\Proficy\GE Digital\.</p>	516236

**Table 3. Security Related Known Issues**

Description	Tracking ID
<p>In a setup where you installed Historian collectors along with client tools using the Proficy installer, such as iFIX Proficy installer, if you uninstall the client tools alone, the created MTLS registry gets removed, leaving the MTLS folder intact. This prevents you from using MTLS security.</p>	DE212965
<p>The POSTGRES and Proficy Authentication (UAA) passwords are admissible in the Historian Web Components log.</p>	DE212644

**Table 4. Other Known Issues**

Description	Tracking ID
<p>If you import tags, along with their CreationTime and CreationUser, that were exported from Configuration hub, the Excel Add-in displays the "Proficy Historian Import Tags Error".</p> <p><b>Workaround:</b> You must manually remove the CreationTime and CreationUser columns in the exported file before importing it.</p>	DE207159
<p>After you create a Data Attribute Enumerated Set in Configuration Hub, and then edit it using Historian Administrator, the <b>DATA ATTRIBUTE ENUMERATED SET</b> field is changed to <b>False</b> in Configuration Hub.</p>	DE209931
<p>When you use the Python collector to convert a value to boolean type, the results are provided in string format.</p> <p><b>Workaround:</b> When you convert a value to boolean type, you must store the results as <code>Result = bool(Historian.CurrentValue('TP.Simulation00001'))</code></p>	

**Table 4. Other Known Issues (continued)**

Description	Tracking ID
Configuration Hub is not able to discover and add a system with Strict client and collector authentication enabled.	DE211901
<p>In Configuration Hub with LDAP and UAA setup, where the security groups are stored in the Domain Controller, the Tags and Data store Security Domain groups are not available for selection when assigning security group to a data store.</p> <p><b>Workaround:</b> You can create the required security groups locally in Windows. This will ensure that the group becomes available for selection in Configuration Hub.</p>	DE211554
The trend decimal values in Configuration Hub are different from those in Historian Administrator.	DE212903
In Historian Interactive SQL, the sampling mode "rawbyfiltertoggle" is not returning the expected output.	DE212904
Collector Compression is not working as expected for the Calculation collector.	DE212897
In an enterprise setup, when you remove an archive from the system using Configuration Hub or Historian Administrator, the archive is being removed, but it is not being zipped and placed in the <code>Archives\Offline</code> directory.	DE208001
When you add a Server-to-Server Distributor collector instance and try to access it using Configuration Hub in the Source Historian Server machine, it fails to fetch the instance details, and an error is being displayed.	DE213348
<p>Adding tags to the Server-to-Server Distributor Collectors using Configuration Hub is not functioning correctly.</p> <p><b>Workaround:</b> Add tags to the Server-to-Server Distributor Collector using Historian Administrator connected to Source Historian Server.</p>	DE213362/ DE213694
<p>When using older Historian collectors to connect to Configuration Hub 2024, an error is displayed, and the Interface Details section of the collectors is not loaded.</p> <p><b>Workaround:</b> Upgrade all collectors to 2024, or install the 2024 Remote Collector Management Agent from the 2024 ISO on the Collector machine.</p>	DE213981

**Table 5. Limitations**

<b>Description</b>	<b>Tracking ID</b>
Collector compression is not automatically applied to tags created for an MQTT Sparkplug B collector instance that was added with collector compression enabled.	DE212048
Hierarchical browsing of tags is not supported for an OPC collector connected to an iFIX source.	DE204135
Unable to import more than 50000 tags to Historian server for the OPC UA collector using Excel Add-in.  <b>Workaround:</b> It is recommended to add less than 30000 tags for a collection interval of 1 second or more.	DE212906