

# Version 14.1 Release Notes

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## Version 14.1

### System Requirements

Microsoft .NET 3.5 Framework is no longer required.

### Connectors

#### Advanced Modules Alarm Management (ISA-18.2)

The Alarm Management connector now supports alarm history logged in the Ignition Alarm Journal. If KPIs are configured to be exported, the database tables are automatically created.

#### Rockwell Automation FactoryTalk View SE Data Agent Real-time values

This connector requires FactoryTalk View SE V10,11 and 12. Real-time data can be retrieved from PLCs as well as any tag configured in FactoryTalk View SE from anywhere on the network using the FactoryTalk View SE Data Agent.

#### Rockwell Automation FactoryTalk View SE Data Agent Data File(s)

This connector requires FactoryTalk View SE V10,11 and 12. Historical data can be retrieved from any Data File Set (DAT) in FactoryTalk View SE from anywhere on the network using the FactoryTalk View SE Data Agent.

#### Rockwell Automation FactoryTalk View Data Agent Historian SE

This connector requires FactoryTalk View SE V10,11 and 12. Historical data can be retrieved from FactoryTalk Historian SE from anywhere on the network using the FactoryTalk View SE Data Agent.

#### HMS Ewon M2Web Real-time values

The most current value from remote devices can be obtained from Ewon Flexy devices using Talk2M.

#### ProSoft PLX51 History values

Historical data from one or more PLX51 DLplus 232 data loggers can be stored to a local database from which the data can be used for reporting.

#### OPC-DA

The OPC-DA connector can be configured to retrieve data by either performing a *CACHE* read or a *DEVICE* read from the server.

### Project

#### Help System

The documentation has been improved so that relevant content can be found easier.

#### Template Categories

The templates in a project can be organized by categories to make it more intuitive for users to find the templates they need when using the Project Explorer, On-Demand Reports application or Web Portal.

## Design Studio

### Express Chart

In the **XLReporter** Design Studio or the add-in to Excel, a new option Express Chart is provided to quickly produce a chart so that it is ready with minimal setup.

## Advanced Modules Alarm Management (ISA-18.2)

The Alarm Management module has been improved with the following:

- Support for Inductive Automation Ignition
- Most sub-reports have been enhanced for custom filters
- Enhanced filtering on Position, Module and Attribute
- The calculation of the alarm cycle time i.e., the time from active to inactive so that it can be used as a filter.
- Enabling of alarm KPIs to be exported to an external database for “long term” trending of improvements
- Additional “out-of-box” templates.

## Data Management

### Group Range

The new management function Group Range function applies grouping to rows of data when values in the Group column match based on the Group Criteria specified. Grouping adds “outline” controls to the left of the row headers to allow expand or collapse one or more rows of data.

## Database Group Builder

### Manual SQL Entry

A SQL query can be manually entered into the Database Group Builder, overriding the settings of the builder itself.

Support for stored procedures that returns a data table can be specified in place of the SQL query.

### Static Text

Static text including empty columns, fixed text and variable values can all be added as selected columns in a *Standard* database data group.

## Email and SMS

Text messages can be sent out through MMS (Multimedia Messaging Service) so that reports may be sent as part of a text message.

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## Improvements/Issues Fixed

### Connectors

#### AVEVA Historian

##### Summary Values from Server

If the **Interval** was set to **Number of Samples**, no data was returned.

##### Summary Values from XLReporter

*Sampled Values Retrieval Mode* now supported.

#### Rockwell Automation RSLinx Classic

Multiple PLCs through the RSLinx Classic OPC-DA server has been enhanced. Previously it was recommended to set up each PLC as its own connector which is no longer required.

## **Siemens SIMATIC WinCC/PCS7 Alarms**

The connector has been enhanced for easier setup.

## **Trihedral VTScada Historical values**

### **Connector**

The connector now supports the new VTScada ODBC driver that is delivered with VTScada version 12.x.

### **Tag Browser**

The Tag Browser now retrieves tags live from the database and presents them in the same tiered structure as they are presented within VTScada.

### **Quality**

When processing historical data in *Summary Values* from XLReporter connections, quality is now considered.

## **Citect Historical Values**

Corrected issue where no tags were shown in the browser in the latest version of Citect.

## **Microsoft SQL Server**

The **SSL Security error** is fixed when connecting to Microsoft SQL Server by an updated SQL Server OLEDB driver. If that driver is detected, it is used for the connector.

## **Alarm Management**

Improved detection of disabled and suppressed alarms. Alarms which remain disabled or suppressed at the end of the report period are now considered in the summary information for each attribute.

## **Data Retrieval**

### **Date Format**

Corrected issue where if the Local Date format of the Windows Operating System was set to something that was completely numeric (e.g.,23-Jan-2021), **XLReporter** would fail to get historical data.

## **Data Management**

### **Workbook Chart Range**

Corrected issue where if there is a blank series in the chart it returned an error. Now that series is skipped.

### **Workbook Collapse Range**

Corrected issue where function only clearing #REF on top row rather than entire range

### **Workbook Condense Range**

Corrected issue where error would occur if the group was set up for a date or time but the cell was blank.

### **Presentation Chart Enhancement**

Corrected issue where Alternate labels weren't taking into account blank rows.

### **Data Export To Database**

Corrected issue where zero padded values not exporting with padding.

## **On-Demand Report Designer**

Improved determining the default action for On-Demand reports based on what is configured in the template.

## **On-Demand Reports**

### **Parameter Panel**

Corrected issue where if value in Custom List contained a comma the list value was invalidated.

## **Scheduler**

### **Daylight Savings Time**

Corrected issue where if the Action Time Adjustment is 1 day, on the day daylight savings time 24 hours are subtracted to calculate the Report Time which can push this time back 2 days rather than 1.

### **Action Time Adjustment for Event Triggers**

Corrected issue where if Action Time Adjustment was configured for an event trigger it was having no effect.

### **Error Logging**

Improved error logging for event triggers.

## **Report Generation**

### **Active Worksheet**

Corrected issue where if the template contained hidden worksheets or the Hide Template Worksheet option was enabled, the Active Worksheet would always end up being the left most visible worksheet in the report workbook.

# Version 14.01 Release Notes

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## Web Portal

### Licensing

A Professional license now has one roaming client license available for the web portal.

### Viewing Web Pages

The distributed web page viewer has been deprecated and is replaced by the web portal.

With the Suite edition, unlimited web clients for viewing web pages only.

With the Professional edition, the user can select between:

- Unlimited web clients for viewing web pages only.
- One full featured client to all the features of the web portal.

### Automatic Log in

With User Security not enabled in the project, users visiting the web portal are automatically logged in as Guest without any prompts.

### Automatic Hide

An auto hide option of the input panel, if enabled, will automatically be hidden to show the report full screen.

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## Data Management

### Condense Range

A new Management function to group similar records based on a specific **Group** column and methods to perform a **Condense To** operation such as *First Sample, Last Sample, Average, Minimum, Maximum* and *Total*.

### Copy Range

For **Paste**, *Formats* has been added as a choice.

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## Interfaces

### Rockwell FactoryTalk Historian SE OLE DB/ODBC

For a Raw Values data group, the *Timestamp with milliseconds on leftmost column* option is available for **Output**.

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## Issues Fixed

### Interfaces

#### GE iFIX

When selecting tags from iFIX Real Time local or iFIX Classic Historian connectors, sometimes the node and field were removed from the selected tag name.

#### GE Historian Plus

When a report was backfilled over a long period of time after many updates an error would occur failing to connect to the historian.

## PDF Security

Certain combinations of security settings were not being applied correctly to the PDF files published.

## Data Management

### Weave Into Range

When **Weave Mode** was set to *Row Append* and there were empty columns in the **Apply To Range** an invalid row or column index error would return.

### Write To Process

When writing a value back to a process tag using the **Scheduler**, **System Check** or Data Management Data Export To Tag List function the tag name and value were restricted to 64 characters. Both tag name and value have been expanded to 128 characters each.

## **Variables**

### **Setting to Blank Value**

Corrected issue where if multiple variables were set to blank values it would trigger an error. This was most commonly seen when using the Cell Action By Row Iteration Data Management function.

## **Analytics**

### **Multi-tag selection**

Improved usability of the analytic designer, allowing for multiple analytic items to be configured from a single tag browsing selection.

## **Email and SMS**

### **Attachments**

When configuring attachments for a configuration, the list of Subfolders for Reports is now a list of every template in the project regardless of whether or not the folder for the template has been created yet.

## **Web Portal**

### **Parameter Panel**

Corrected issue where if a database list is configured to use variables from other rows in the panel nothing would be returned.

### **Database Panel**

Corrected issue where if records were returned with NULL values the panel would not display correctly.

### **Long User Names**

Corrected issue where if the user name was longer than 10 characters it would cause a wraparound which would prevent some items from being accessible.

## **Themes**

The list of pre-configured themes has been expanded.

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