



Unlock Actionable Insights from Your Alarms and Events Data

FactoryTalk® Analytics™ DataView FactoryTalk® Alarms & Events Edition

Gain insights to improve operations efficiency and reduce downtime events

Alarm and event management is an advantage for many users but especially engineers and operators who desire greater visibility into plant operations. With FactoryTalk Analytics DataView FactoryTalk Alarms & Events Edition you can drive more efficient operations decision-making. The out-of-the-box storyboard template is specifically designed to display alarms and events data from your FactoryTalk Alarms & Events data sources. With this information in hand, you can drive manufacturing improvements that reduce downtime and improve the efficiency of operations.

Alarming with FactoryTalk® View SE and Logix controllers

Clear, consistent and reliable alarm visualization is critical to any industrial operation. With Logix controllers and FactoryTalk® View SE, you're already one step ahead because the two platforms automatically share alarm and device diagnostics. They offer pre-built objects for operator Human Machine Interface (HMI) displays that require no configuration and flexible options for alarm interaction that allow you to view, acknowledge or shelve alarms from the HMI, web browser or mobile devices.

Even with these efficient alarming tools, the number of alarms an operator faces daily can be a burden and distract from their primary task of operating the plant safely and efficiently. With the overwhelming amount of alarm data generated, it can be difficult to analyze and understand why each alarm is occurring, which alarms are important and need to be addressed. How can you rationalize all your alarm information to enable better decision-making and improve your operator's ability to monitor and control the plant effectively?

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Benefits

- Empower informed decision-making
- Reduce nuisance alarms
- Improve operator focus
- Increase operation efficiency
- Reduce downtime events
- Improve plant safety

Capabilities

- Data Connections: Preconfigured for FactoryTalk Alarms & Events data sources
- Storyboard Configuration: Out-of-the-box storyboard template specifically designed to highlight FactoryTalk Alarms & Events data
- Chart Library: No-code, self-service approach to designing storyboards by selecting charts and graphs from a library
- Drill Down: Interact with FactoryTalk Alarms & Events data in a modern user interface that allows you to ask questions of your data
- Alerting: Send notifications based on a set of conditions with a link directly to the related storyboard
- Alarm Frequency Analysis: Compare the number of times each alarm occurs
- Alarm Priority Analysis: Find out which alarms are having the biggest impact on production
- Alarm Duration Analysis: Discover which alarms remain active the longest

Interactive alarms and events data exploration

FactoryTalk Analytics DataView turns industrial data into actionable insights for operations personnel. It provides a self-service, browser-based experience for you to connect to your operations data sources, configure storyboards that showcase plant data in intuitive charts and graphs and explore your data for ad-hoc troubleshooting and detailed root cause analysis. With the FactoryTalk Alarms & Events Edition, FactoryTalk Analytics DataView is specifically designed to integrate with FactoryTalk Alarms & Events data sources and display alarms and events data in a modern and meaningful arrangement.



Connect to FactoryTalk Alarms & Events data sources

When deploying new solutions in an operations environment, time to value is key. The FactoryTalk Alarms & Events Edition of FactoryTalk Analytics DataView saves time during initial system setup with automatic recognition and organization of data coming from FactoryTalk Alarms & Events data sources. To create a connection between FactoryTalk Analytics DataView and FactoryTalk Alarms & Events, all you need to do is follow a wizard that guides you through inputting the server information for the FactoryTalk Alarms & Events database.

Configure storyboards to visualize FactoryTalk Alarms & Events data

Rapidly gain insights using pre-configured storyboard templates for FactoryTalk Alarms & Events data sources, no-coding required. Rockwell Automation experts have done the configuration work for you. Once your connection is configured, you can choose the prebuilt storyboard template to analyze your alarms and events data in a set of charts and graphs specifically selected by alarm specialists to help answer questions like: Which batches were affected by this high priority alarm? Is this alarm occurring most often during a specific shift? Which of my alarms are nuisance alarms that are creating distractions for my operators?

The preconfigured storyboard template provides a great start for new users to FactoryTalk Analytics DataView, but you're not limited to the template design. You also have the flexibility to adjust the template to meet your individual needs or design storyboards from scratch by making selections out of the Chart Library. Regardless of your requirements, FactoryTalk Analytics DataView provides a self-service environment for you to build storyboards that meet your data visualization needs without requiring a programming background.

Explore your FactoryTalk Alarms & Events data

Now you're ready to start analyzing and exploring your FactoryTalk Alarms & Events data. FactoryTalk Analytics DataView provides an interactive environment for visualizing and asking questions of your data. You can drill down into any chart or graph to investigate the data further. Follow your hunches and let the data tell you a story about your plant operations including information such as the number of alarms occurring per machine and the time each alarm went active. Find out which alarms are having the biggest impact on production based on their frequency, priority, severity and duration. Once you uncover the answers you're looking for, collaborate with others by sharing your storyboards using FactoryTalk Analytics DataView's modern, browser-based environment that can be used on a variety of devices from desktops and laptops to smartphones and tablets.

Connect with us.

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