



# Unlock Actionable Insights from Your Overall Equipment Effectiveness Data

FactoryTalk® Analytics™ DataView  
FactoryTalk® Metrics Edition

## Gain insights to improve plant performance and reduce costs

Don't just track OEE, empower plant personnel to improve OEE. With FactoryTalk Analytics DataView FactoryTalk Metrics Edition you can drive more efficient operations decision-making. The out-of-the-box storyboard templates are specifically designed to generate OEE information. Whether you're a plant manager, production supervisor, operator or maintenance engineer, you can select the appropriate storyboard and drill down into the relevant data to find out how you're performing against targets, how your OEE performance has varied over time and how your current production run compares to previous runs. With this information, you can drive manufacturing improvements that reduce downtime and increase overall performance.

## Accurate performance reporting of plant floor activity

When it comes to monitoring the performance of your plant equipment, FactoryTalk Metrics collects the critical Overall Equipment Effectiveness (OEE) data required to generate reports and analyze machine efficiencies. It leverages the timely and precise data already available in your plant's control system to show the ratio of good parts produced versus what could have been produced under ideal operating conditions. This information can then be used to accurately compare the performance of any machine, line, area or operator to any other.

FactoryTalk Metrics provides stakeholders at all levels of the organization with the reporting they need to make operations decisions. It tracks key performance indicators (KPIs) such as productive time, cycle times and scrap produced in real time for plant floor personnel and as a summary for upper management. But how can you take OEE analysis one step further to reveal ways to increase production, reduce costs and increase quality?

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## Benefits

- Reduce downtime
- Reduce cycle time variation
- Increase production without buying new equipment
- Reduce unit costs
- Reduce overtime
- Improve quality

## Capabilities

- Data Connections: Preconfigured for FactoryTalk Metrics data sources
- Storyboard Configuration: Role-based, out-of-the-box storyboard templates specifically designed to highlight FactoryTalk Metrics data
- Chart Library: FactoryTalk Metrics exclusive charts that show machine states across time and have flexible, interactive time ranges
- Drill Down: Interact with FactoryTalk Metrics data in a modern user interface that allows you to ask questions of your data
- Time-Series Analysis: Compare OEE to target, week, month and trending up/down
- Historical Analysis: Find out what OEE was when a product was run on a machine in the past

## Interactive OEE data exploration

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



## Connect to FactoryTalk Metrics data sources

When deploying new solutions in an operations environment, time to value is key. The FactoryTalk Metrics Edition of FactoryTalk Analytics DataView saves time during initial system setup with automatic recognition and organization of data coming from FactoryTalk Metrics data sources. To create a connection between FactoryTalk Analytics DataView and FactoryTalk Metrics, all you need to do is follow an intuitive wizard. After that, you're ready to start building your data visualizations.

## Configure storyboards to visualize FactoryTalk Metrics data

Rapidly gain insights using pre-configured storyboard templates for FactoryTalk Metrics data sources, no-coding required. Rockwell Automation OEE experts have done the configuration work for you. Once you have a valid FactoryTalk Metrics connection configured, you can select how you would like to visualize your data based on your role. Are you a manager with responsibility for multiple production lines who requires visibility into plant-wide productivity? Or perhaps you're on the maintenance team with KPIs around the mean time between failure and mean time to repair. With template options for plant managers, production supervisors, operators and maintenance engineers, you can analyze your OEE in a preselected format designed specifically to meet your needs.

The preconfigured storyboard templates provide a great start for new users to FactoryTalk Analytics DataView, but you're not limited to the template designs. You also have the flexibility to adjust the templates to meet your individual needs or you can design storyboards from scratch by making selections from 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.

## Explore your FactoryTalk Metrics data

Now you're ready to start analyzing and exploring your FactoryTalk Metrics data. FactoryTalk Analytics DataView provides an interactive environment for visualizing and asking questions of your data. You can start off with one set of visuals based on your initial storyboard configuration and then drill down into any chart or graph to investigate the data. Follow your hunches and let the data tell you a story about your plant operations including information like your good and scrap part counts by machine, line, shift or day of the week. Once you find 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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AMERICAS: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444

EUROPE/MIDDLE EAST/AFRICA: Rockwell Automation NV, Pegasus Park, De Kleetlaan 12a, 1831 Diegem, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640

ASIA PACIFIC: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846

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