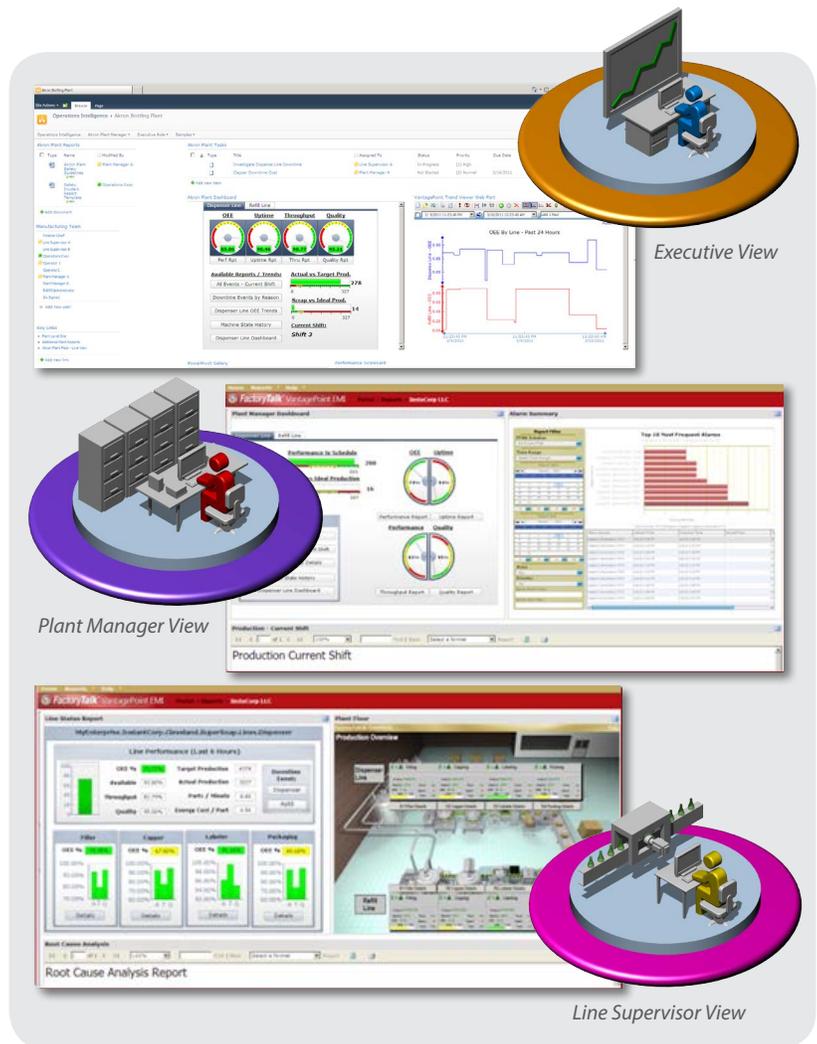


Enterprise Manufacturing Intelligence

**Producing relevant, timely and collaborative manufacturing decision support is hard . . . at least it used to be.**

### Advantages

- VantagePoint Mobile and the VantagePoint Portal provide awareness and access to manufacturing and enterprise information in real-time in your office or on the move for informed decision making.
- Create a wide range of enterprise reports from dashboards to tabular reports with VantagePoint Reporting to provide information specific to a users' needs.
- Time-to-value: Pre-configured reports, trends, dashboards, and flexible rapid development tools help save time and money.
- Published reports provide a single version of the truth to the whole organization maximizing productivity and minimizing cost.
- Notifications provide information in time to make productive decisions.
- Premier connectivity to real-time data via FactoryTalk Live Data (Logix, PLC/SLC™, FactoryTalk View, 3rd-party controllers, etc.) and historical data via FactoryTalk Historian PLUS connectivity to FactoryTalk Metrics, FactoryTalk ProductionCentre and other real-time and historical data sources.
- Secure reporting content in the model by defining user roles.
- Integrate FactoryTalk VantagePoint EMI reporting content using Excel Services or Web Parts on a SharePoint® page leveraging other collaboration tools from Microsoft®.

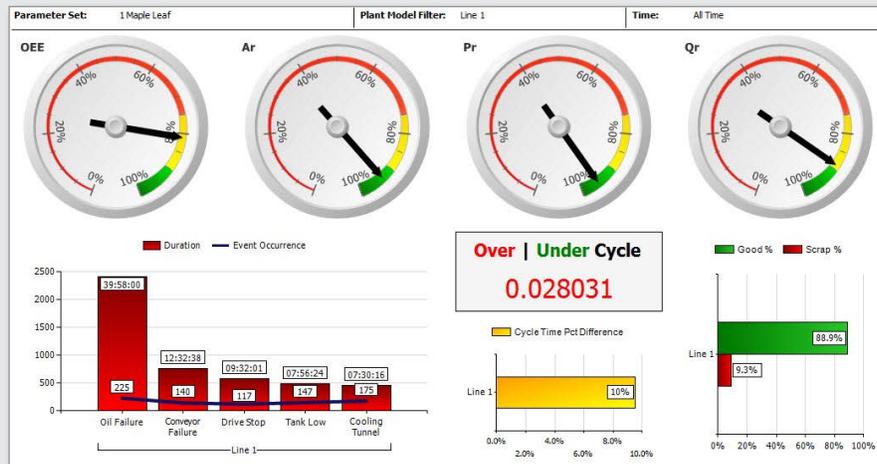


**Make more use of the data you already collect.  
Find new information to improve operations.**

What if key decision makers had real-time production information in a dashboard, trend, report, or Key Performance Indicator on a mobile device or computer web browser updated continually and available any time? And, what if that decision maker was notified when production parameters moved outside their pre-set limits? More informed decisions, utilizing real-time data, on mobile devices or desktops becomes a standard process in your improved operations. Think about the alternative of the time spent preparing simple reports. Hours and days can be spent collecting relevant data from disparate systems, which then needs to be routed and analyzed before production decisions can be made.

LISTEN.  
THINK.  
SOLVE.®





Performance Dashboard with Key Performance Indicators for OEE and other underlying factors affecting production such as down time causes, cycle time, and scrap rate.

*The best thing about FactoryTalk VantagePoint EMI is, if there's data out there, I know I can connect to it.*

*Large, multi-site user*

Once you have installed FactoryTalk VantagePoint EMI, you will quickly be able to view and use the included, pre-configured web reports, trends and dashboards, such as:

- Key performance indicator (KPI) monitoring
- Alarm and event reports
- Control loop reports
- Device and equipment reports

## Reporting Limits

You can use pre-configured reports as is or as examples to follow for creating your own. Report creation is simple: drag-and-drop, get it the way you want it, and then publish it with just one click. You can create individual ad hoc reports or publish them for other users to see.

Reports, trends, dashboards and applications are usable across all lines, work cells and plants, providing information in the context requested by each user.

The bottom line is you have extensive application power you never thought possible for doing:

- Multiple time periods, batch management, horizontal stacking
- Zoom, pan, live data, statistics, and so forth
- Informative and appealing graphics viewable anywhere in the enterprise
- High-performance links for data-on-demand
- Easy resizing and use of pictures
- Time-series data management with live updates
- Extraordinary transactional data management for items and properties

## Change Happens

FactoryTalk VantagePoint EMI makes it easier to handle changes to your data sources. As you add new components and systems to your existing operations, simply connect the

new data sources and re-synchronize the model. You do not need to change the reports themselves, so you can more easily accommodate changes to your mix of equipment and systems.

## Eventing/Notification System

The Eventing/Notification system triggers actions including generating one or more published reports on a schedule, and sending emails with attached reports, based on intelligent filtering of event streams from FactoryTalk VantagePoint EMI sources. So now you don't even have to be watching a particular report or dashboard, FactoryTalk VantagePoint EMI can watch for a specific change for you and let you know!

## Powerful Reporting Components

FactoryTalk VantagePoint EMI includes some of the most powerful reporting components in the industry. You may begin by creating an ad hoc report, then when you have it set up the way you want, you can publish it with a simple click of

## Unified Production Model: The Heart of FactoryTalk VantagePoint EMI

The Unified Production Model (UPM) allows plants, equipment, and other resources to be logically represented along with their real-time and historical data. The UPM provides the context by associating relevant data from numerous sources, and removes the need to care where the data physically resides. This information can then be populated into analysis layers that can be accessed via a browser. The model is also flexible enough so users that have different roles within an organization can see the model differently, or see it in multiple ways so users at every level of an enterprise to better manage their operation in real time.

the mouse. The objects are immediately a part of the model and are accessible from the reports list by anyone with a web browser and user permission. You may view the reports directly or via the FactoryTalk VantagePoint EMI Portal.

### Trending and Plotting

FactoryTalk VantagePoint EMI incorporates two of the most versatile and powerful trending and plotting applications in the world. With drag-and-drop simplicity, you can drop simple tags or complete objects onto the plot. Change time periods, stack traces, switch between historian and real-time data.

### Microsoft Excel® Add-In

You can leverage all the capabilities in Excel through VantagePoint EMI and Excel Services in SharePoint to pull information from the Unified Production Model in FactoryTalk VantagePoint EMI to build highly effective reports. Touch it up, format cells and regions to your liking, even create some graphs and charts from the data. Once you have published the report, you no longer need the spreadsheet. It is perfectly preserved for you in the model. And, it is not necessary to have Excel installed on any client to be able to view the report.

### Dashboard Builder (Optional)

If you can envision it, you can create a data object with the dashboard builder. To create dashboards, you will need to install both Microsoft Excel and the Dashboard Builder. To view a published dashboard, users do not need either one. Animated scales, dials, tables and so much more are easily configured using this powerful tool.

### FactoryTalk VantagePoint EMI Portal

View individual published reports by clicking on them in the report list, or invoke the powerful FactoryTalk VantagePoint EMI Portal and view composite reports configured by dragging elements into zones on a portal page. Linking elements to other reports allows you to drill down to get more detail from any given report. Select parameters to reuse a particular report for multiple, similar manufacturing elements and access all these features of the VantagePoint portal from your web browser.



*This energy dashboard is an example the clear and easy-to-understand that FactoryTalk VantagePoint EMI provides.*

### VantagePoint Reporting (VPR)

- Power to create a wide range of enterprise reports from dashboards to tabular reports
- Create new reports and use VPR report examples via the Unified Production Model (UPM)
- Access a growing library of VPR reports for FactoryTalk VantagePoint EMI
- Author and publish VPR reports into the FactoryTalk VantagePoint EMI Portal
- Configure full reporting layout control, pagination, headers/footers

### Get More Information

For information about ordering FactoryTalk VantagePoint EMI, contact your local Rockwell Automation sales office or Allen-Bradley distributor. Or learn more by visiting <http://discover.rockwellautomation.com/mi>.

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**[www.rockwellautomation.com](http://www.rockwellautomation.com)**

### Power, Control and Information Solutions Headquarters

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