

# DiVE FactoryTrend

## Machine monitoring and analytics for Industry 4.0

### Summary

Manufacturing plant floors today often utilize a host of software systems and machines. The importance of monitoring production lines and gathering intelligent data from these assets is imperative, but many are dealing with outdated, home-grown, ineffective software. DiVE FactoryTrend is a free MindSphere app that provides real-time machine monitoring and intelligent data collection for accurate and reliable performance analytics. Part of the DiVE Suite from Engineering designed for the collection and analysis of production plant data, DiVE FactoryTrend offers a user-friendly, easy to configure formula editor and a responsive interface for mobile applications. Customizable dashboards provide management and users with real-time data collection, as well as KPI and OEE visualization.



### Benefits

- Accurate and reliable downtime monitoring in real time.
- Increased production efficiency, with calculation of KPIs such as OEE, Availability, Quality, and Performance.
- Paperless shop floor with automatic data collection.
- Better understanding of production failure patterns and real-time data.
- Better plant performance, improved decision-making, reduced production costs.

### Features

- Real-time machine data collection.
- Real-time downtime monitoring for each plant model node
- Real-time KPI and OEE calculation
- Real-time visualization of relevant KPIs via customizable dashboards
- Application accessible from mobile, desktop, HMI, smart devices.

Siemens  
[www.siemens.com/mindsphere](http://www.siemens.com/mindsphere)

Americas	+1 314 264 8499
Europe	+44 (0) 1276 413200
Asia- Pacific	+852 2230 3333

MindSphere is the cloud-based, open IoT operating system from Siemens that connects real things to the digital world, and enables powerful industry applications and digital services to drive business success. MindSphere's open Platform as a Service (PaaS) enables a rich partner ecosystem to develop and deliver new applications.

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