

# Visual IIoT App Building

## Quickly build apps and dashboards for industrial use cases

### Summary

Digital industrial initiatives are emerging within manufacturing companies, giving managers and operators faster access to data and analytics that can fundamentally improve the business. Application developers need visual tools to quickly bring data to life, adding analytic context to reveal actionable insights.

Edge2Web Director addresses this requirement, enabling industrial users to quickly build a wide variety of applications using MindSphere data, analytics and events.

## Build high-powered industrial applications faster for better decision making.

This solution use case, provided by Edge2Web, enables industrial domain experts to quickly build MindSphere applications for operational equipment efficiency (OEE) tracking and reporting, equipment monitoring, mobile field service, fleet management, environmental health and safety (EHS) compliance, and many others.

MindSphere applications created with Edge2Web Director execute MindSphere analytics such as KPI calculations, anomaly detection, event analytics, signal calculations and validation, and trend prediction. Pushbutton deployment makes it simple to publish apps directly from the MindSphere launchpad.

## Benefits

- Fast, affordable solution for building and operating MindSphere applications.
- Create polished, professional apps that deliver actionable insights.
- Publish apps to MindSphere tenant and subtenant users with the push of a button.
- Build secure, fast and scalable apps.

## Features

- Instant connectivity to MindSphere asset models, sensor data, ecosystem analytics, events and notifications.
- Visual editors for building dynamic dashboards and context-driven apps.
- Extensive library of industrial data visualizations and app components.
- Native integration with MindSphere Identity Management Service.



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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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