



# Insight Performance Features and Technical Specifications

**Insight Performance** is a secure, managed cloud solution for manufacturing equipment efficiency and utilization data collection, monitoring and analysis. This cost-effective solution increases plant performance and asset utilization through manual and automatic data collection, KPI monitoring and analysis capabilities, all without requiring an established IT infrastructure and the associated costs.

**Insight Performance** provides operators with intuitive OEE KPI dashboards and real-time visibility into current downtime causes, empowering users to take immediate corrective action. Continuous improvement and best practice standardization are facilitated through advanced reporting and analysis capabilities which can access equipment performance history from anywhere within the plant, in the enterprise or as an OEM providing value-added services for their solution.

# Insight Performance Features

Insight Performance enables industrial end users and solution builders to collect, store and visualize equipment utilization and production event data in the cloud.



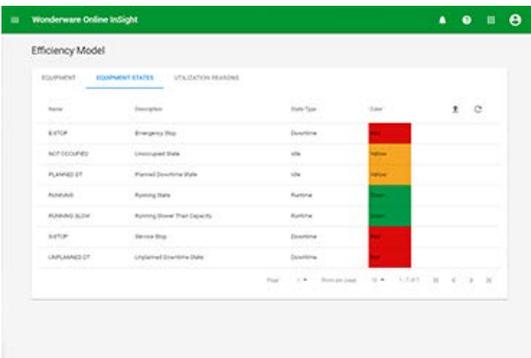
## Equipment Efficiency Monitoring

Empower operators to drive plant performance with real-time information on downtime and OEE KPIs in a ready to use equipment dashboard. With increased visibility, operators can quickly identify and address the main causes of inefficiency and downtime. Automatically collected downtime events may be modified by an operator or authorized person to further clarify the root cause. The ability to merge events or split an event into two or more individual events allows for data reconsolidation to accurately rank and analyze the events impacting equipment utilization.



## Advanced Reporting and Analysis

View and analyze equipment utilization and OEE KPI information and perform root cause analysis using intuitive charts and reports. Create dashboards for web and mobile devices that can be viewed anytime, anywhere across the business. The responsive newsfeed and alerts from the solution's advanced analytics enable improved decision making to drive sustainable plant performance improvements. Maintain profitability and competitiveness by continuously optimizing equipment efficiency and maximizing the capacity utilization of existing assets.



## Configuration

The Insight Performance configuration experience is an integrated part of the web user interface to quickly set up and manage the components of the efficiency model. The elements include: equipment to be tracked, efficiency states defining the equipment states expected to occur, utilization reasons describing an event changing the equipment state, OEE calculation definitions defining the default rate for a production run and target OEE values, disposition reasons for good or waste production count entered and OEE data properties to provide operating context to group data during analyses. Bulk load of configuration information is supported through uploading CSV files direct from the web user interface to the system.



## Manual and Automatic Data Collection

Insight Performance collects and stores equipment and production related event data through either operator entry on the web user interface or by equipment event notifications pushed from existing plant software, edge devices or IIoT enabled sensors and smart devices.

# Technical Specifications

Insight Performance is built on Microsoft Azure's cloud computing platform and services

## Browser Types

Any modern browser

## Data Sources

Eligible data sources include:

- Wonderware InTouch Machine Edition HMI;
- Wonderware System Platform.

You can push data to Insight Performance from the following types of data sources (refer to the list above for explicit examples):

- Equipment operators - enter a new equipment state and change reason using the web user interface;
- Direct push to our managed, hosted and secure API's.

## Security

Insight Performance and the Insight Platform powered by Wonderware Online are built on Microsoft Azure's secure and reliable cloud technology and services.

For more information, visit our [Insight Performance](#) web-page.