



# OEE Downtime Module

## MES BUILT ON IGNITION®

Tracking overall equipment effectiveness (OEE) and downtime just got easier. The MES OEE Downtime Module empowers manufacturers to reduce operating costs, while increasing asset utilization and operating efficiency resulting in improved profitability.

### Real-Time Efficiency Tracking

Access current production, efficiency and downtime data instantly through graphical executive and operational dashboards. This empowers management and operations to respond to real world issues as they are happening today, not last week. Accomplish continuous improvement, as well as LEAN and Six Sigma business strategies by communicating efficiently and clearly between all departments.

### Downtime Data Collection

The module supports automatic, manual collection of downtime reasons, or a combination of the two. Visually identify and drill down to the top downtime causes that affect your operating efficiency.

### Executive Dashboard

Quickly organize and visualize efficiency and downtime data from across your enterprise with powerful analysis tools that take you beyond typical canned reports.

#### Features

- Real-Time Efficiency Tracking
- Downtime Data Collection
- At-a-Glance Executive Dashboards
- Easy ERP Integration
- Mobile MES Access
- Production Scheduling
- Fast, Customizable Implementation
- Automatic Data Collection

#### Supported Operating Systems

- Windows Server 2008/2012/2016
- Windows 7, 8, 10, or later
- Ubuntu Linux 12.04 or later
- Other Java SE enabled OSes<sup>2</sup>

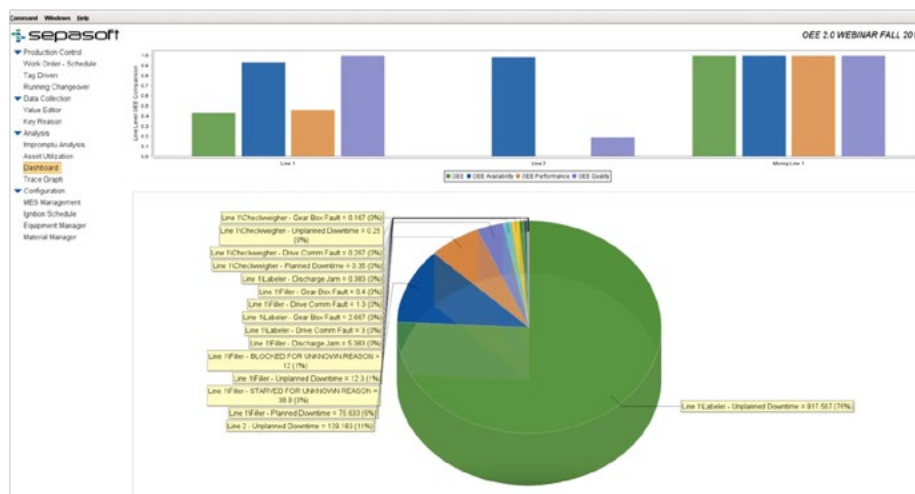
#### Requirements

- Ignition® Core Modules
- Java SE 8+ (server)
- Java SE 6, 7, 8, or 9 (client)
- Quad-core processor (32- or 64-bit)
- 8GB RAM
- 10GB free HD space (requirements vary by usage)

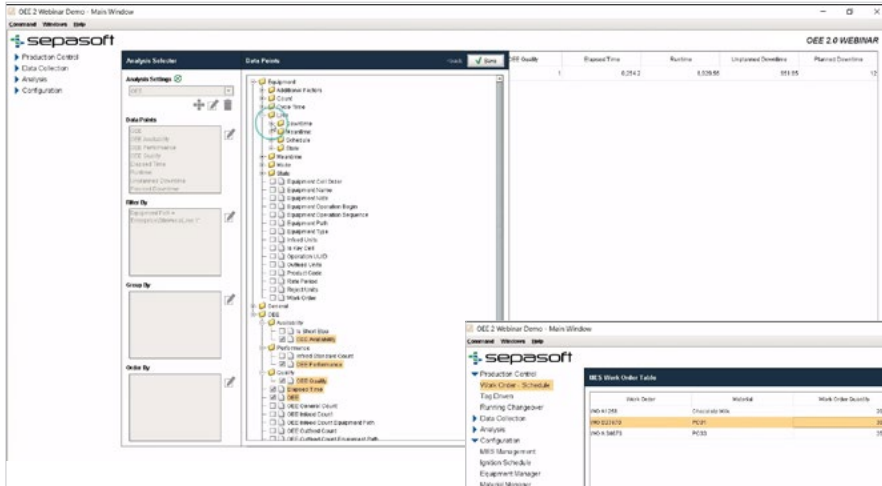
#### Supported Databases

- Microsoft® SQL Server
- MySQL
- Oracle
- Postgres

\*Ignition® is compatible with any Java-enabled operating system. Full support is only offered for listed operating systems.

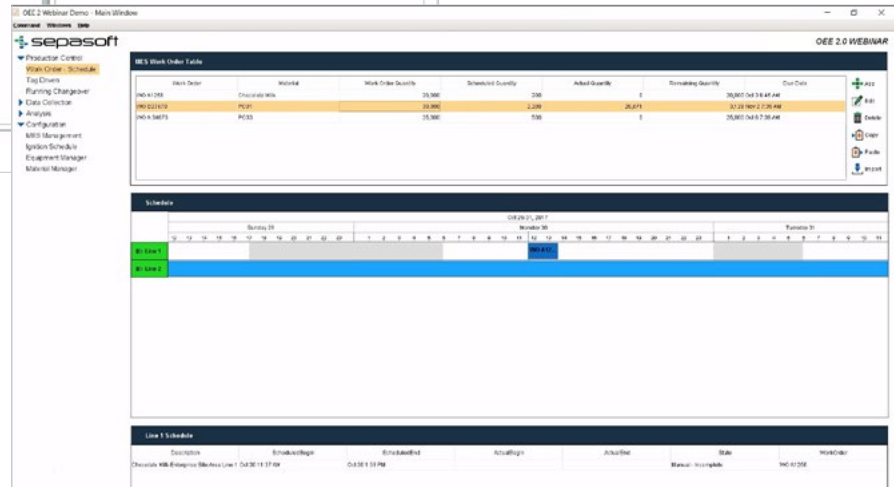


**At-a-Glance Executive Dashboard** | Visual charts and graphs give a quick overview of real-time operations efficiency.



**Customize Analytic Reports**  
Choose what data to compare to create reports that pinpoint information your facility needs to improve efficiency.

**Production Scheduling**  
Collaborate multiple schedules throughout the facility. Improve operations by discovering scheduling conflicts between departments.



## Enterprise Integration

The OEE Downtime Module is IT friendly, allowing integration with enterprise resource planning (ERP) and other applications to share data and communicate seamlessly with the entire organization.

## Mobile MES Access

Access your facility's overall equipment effectiveness reports from anywhere your mobile device can travel. Save production staff time by instantly entering downtime reasons, production scheduling changes, notes, and more, without being tied to a desktop computer.

## Manufacturing Scheduling

All departments of your business have instant access to the current schedules, including production, maintenance, and more. Eliminate miscommunication from scheduling changes and improve overall work flow and efficiency.

## Fully Customizable

Because manufacturers have different requirements, the OEE Downtime Module allows you to modify existing screens, reports, calculations, etc., or create them from scratch for a fully customizable system, putting you in charge of your data.

## Work Order Management

Track real-time work order status that shows units scheduled, produced, and remaining. Manage product codes, production rates, package sizes, and more.

## Automatic Data Collection

Improve accuracy of information with automatically recorded data rather than manual entry and interpretation by production staff. As an added benefit, those valuable man hours can be utilized elsewhere.

## Easy MES Licensing

There are no limits to how many users or how much data you process, so you can get the right information to the right people. You will never worry about paying for additional users or increased data usage as your system grows.



The OEE Downtime Module is available for download at the Inductive Automation Website: [inductiveautomation.com/downloads/ignition](http://inductiveautomation.com/downloads/ignition)