### Price List

#### Standard MES Packages

**Compare Packages**

Custom configurations available upon request

<table>
<thead>
<tr>
<th></th>
<th>Efficiency MES Package</th>
<th>Productivity MES Package</th>
<th>The Works MES PACKAGE</th>
<th>The Works Mission Critical with MES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ISA-95 Aligned</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Interactive Analysis Tools</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Customizable Dashboards</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Redundant MES</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MES Modules</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scheduling</td>
<td>Plan and monitor production in real-time.</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>OEE / Downtime</td>
<td>Monitor production efficiency in real-time.</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Visual Web Service Configuration</td>
<td>Connect to ERP &amp; other systems using web services.</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>Track &amp; Trace</td>
<td>Track finished goods, raw materials, &amp; more.</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>SPC</td>
<td>Collect &amp; monitor statistical process control (SPC) data.</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>Instrument Interface</td>
<td>Collect &amp; parse data from scales, gauges, files &amp; more.</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>Recipe / Changeover Management</td>
<td>Manage &amp; monitor recipes &amp; changeovers.</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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### Unlimited Package Pricing

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Package (with 15% Discount)²</td>
<td>$49,725</td>
<td>$56,950</td>
<td>$59,925</td>
<td>$75,225</td>
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<tr>
<td>Package Bundled with Ignition Pro</td>
<td>$64,720</td>
<td>$71,945</td>
<td>$74,920</td>
<td>$97,718</td>
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### Low As Pricing

<p>| | | | | |</p>
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<tr>
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<tr>
<td>Low As Price³</td>
<td>$8,125</td>
<td>$15,875</td>
<td>$18,736</td>
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</table>
Standard MES Packages

**The Works MES Package • $59,925**
**Save $10,575**
MES Tracking Points: Unlimited
Extend Ignition with all modules in the MES Suite including Track & Trace, OEE, SPC and Recipe Management including unlimited MES Tracking Points for a single Ignition server and production facility. Track product, OEE, and downtime; monitor SPC; and manage recipes, trends and more in real time as product is processed at MES Tracking Points. Includes the Instrument Interface and Web Services modules to easily communicate with instruments, ERP and other systems. Visually analyze real-time and historical production, track and trace, OEE, downtime, SPC and recipe information from unlimited clients.

**Productivity MES Package • $56,950**
**Save $10,050**
MES Tracking Points: Unlimited
Extend Ignition with all modules in the MES Suite including Track & Trace, OEE, SPC and Recipe Management including unlimited MES Tracking Points for a single Ignition server and production facility. Track product, OEE, downtime, monitor SPC, and manage recipes, trends and more in real time as product is processed at MES Tracking Points. Includes the Instrument Interface and Web Services modules to easily communicate with instruments, ERP and other systems. Visually analyze real-time and historical production, track and trace, OEE, downtime, SPC and recipe information from unlimited clients.

**Mission Critical MES Package • $75,225**
**Save $13,275**
MES Tracking Points: Unlimited
Extend Ignition with all modules in the MES Suite including Track & Trace, WIP, OEE, SPC and Recipe Management including unlimited MES Tracking Points for a single Ignition master and redundant back servers for a single production facility. Track product, OEE, downtime, monitor SPC, manage recipes, trends and more in real-time as product is processed at an MES Tracking Point. Includes the Instrument Interface and Web Services modules to easily communicate with instruments, ERP and other systems. Visually analyze real-time and historical production, track and trace, OEE, downtime, SPC and recipe information from unlimited clients.

**Efficiency MES Package • $49,725**
**Save $8,775**
MES Tracking Points: Unlimited
Extend Ignition with OEE including unlimited MES Tracking Points for a single Ignition server and production facility. Production, OEE and downtime is tracked for each MES tracking point and can represent production lines, machines or processes. Track OEE in real time. Includes the Web Services module to connect, send and receive data with ERP or other systems. Visually analyze real-time and historical OEE, downtime and production data from unlimited clients.

MES Modules

**OEE Downtime Module • $3,500 + Tracking Points**
The OEE Downtime Module extends Ignition with powerful real-time OEE downtime functionality for one Ignition server. Implement a real-time OEE and downtime collection system that accommodates your production environment. Provide real-time actionable results and analysis to the people who can make a difference in increasing efficiencies. Module includes the extra functionality of product code management, work order management and production scheduling.

**Recipe / Changeover Module • $3,500 + Tracking Points**
The Recipe / Changeover Module extends Ignition with recipe functionality allowing for rapid and reliable production changeovers. Module supports multiple levels of master recipes, security by recipe value, change log, recipe value variance tracking and sub-recipes. Visual components are included to simplify managing and editing recipes, comparing recipes and creating reports reflecting recipe values compared to actual production values and more.
**MES Modules**

**Track & Trace Module • $3,500 + Tracking Points**
The Track and Trace Module extends Ignition with the functionality to track products from the raw materials to the finished state including consumables and byproducts. Tracking information can be collected manually or automatically and interlock with HMI operations preventing production and tracking mistakes. Visually analyze trace details with the powerful Trace Graph that also provides navigation to other production, OEE, SPC, recipe, trend and more data, even if it resides outside of the Ignition system.

**SPC Module • $2,500 + Tracking Points**
The SPC Module extends Ignition with powerful real-time SPC functionality for one Ignition server. Implement a full-featured SPC system including unattended out-of-control evaluation, sample scheduling, control charts and more. Includes functionality for collecting sample data from manual entry or automatically from PLC devices, OPC-connected devices and external databases. Add the Instrument Interface Module to collect sample data from lab instruments through RS-232 devices, USB devices and data files.

**Ignition MES Enterprise Module • $10,000**
With the Ignition MES Enterprise Module, you can centrally analyze production data and run reports across multiple physical production facilities from anywhere on your network. Use it to compare efficiency, downtime or SPC data by production line, operator, user-defined values and more.

**Utility Modules**

**Instrument Interface Module • $2,500**
The Ignition Instrument Interface Module empowers Ignition software to easily interface with instruments. Collect data from instruments such as gauges, analyzers, barcode scanners, etc., and make that information available to your entire Ignition HMI, SCADA or MES system.

**Web Services Module • $2,500**
The Ignition Web Services Module empowers Ignition software to communicate with other systems using web services over the web or a private network. Easily configure web service operations and data types visually, then invoke web service operations from the HMI, SCADA or MES system to read data from or write data to ERP or any other system that supports web services. Share information as detailed as work orders, schedules, product definitions, and asset information, or as simple as the weather forecast.
MES Tracking Points

MES Tracking Points support tracking data for any combination of MES modules including Track & Trace, OEE Downtime, SPC and Recipe. Any data that is to be tracked requires a MES Tracking Point and represents a physical or virtual machine, storage location, work cell, production line, work station, etc.

Examples of what requires an MES Tracking Point:
- OEE or downtime for a line
- OEE or downtime for a machine of a line
- SPC data at a storage silo
- Track and trace at a receiving dock
- Recipe at a machine
- Track and trace on a production line
- Track and trace at a work cell
- OEE, SPC, and track and trace on a line
- Track and trace and SPC at a silo
- Track and trace at a warehouse storage location

MES Tracking Points • $525 Each
Volume discounts apply. Contact your account representative for details.

Unlimited MES Tracking Points • $44,625
Unlimited tracking points are per production site and Ignition server.

Notes:

1. Unlimited MES Tracking Points per single Ignition server and production facility (site)
2. This package is for users who would like to add MES modules to an existing Ignition server
3. Low as price includes 1 MES Tracking Point