

Track & Trace Module

Ignition MES Software

Add the Track & Trace Module to the Ignition platform for the capability to look up where any product has been in its manufacturing process, and where it is now. This paperless and fully integrated solution allows manufacturers to track products from the raw materials to the finished state, access Genealogy data, and set up a centralized operator interface for all MES information.

Data Connections

The Track & Trace Module does more than track products through the manufacturing process. It pulls together production information from various sources: Overall Equipment Effectiveness (OEE), Statistical Process Control (SPC), recipe information, historical trends, and more. It can also be used to query data from systems outside of Ignition, such as Enterprise Resource Planning (ERP) systems. The Track & Trace Module provides navigation and linking of internal and external data together in an easily understandable visual display. It allows any enterprise to standardize its system across multiple facilities.

Visual Trace Graph

With the module, you can search for product information through a unique and easy-to-navigate Trace Graph display. Search results are displayed in a visual format with raw materials on the left, the manufacturing procedures in the middle, and the finished products on the right. This allows users to see all of the processes, runs, lots and routes each product passed through. All of this information is organized chronologically and displayed in one place, making it simple to find the exact information you need.

Features

- Data Connections
- Visual Trace Graph
- In-Depth Data and Analysis
- Paperless Tracking
- Comply with Traceability Regulations
- Align with ISA-95
- Powered by Ignition

Supported Operating Systems

- Windows Server 2003 / 2008 / 2012
- Windows XP, Vista, 7 and 8
- Ubuntu Linux 8.04 or later
- Other Java SE 6+ enabled OSes*

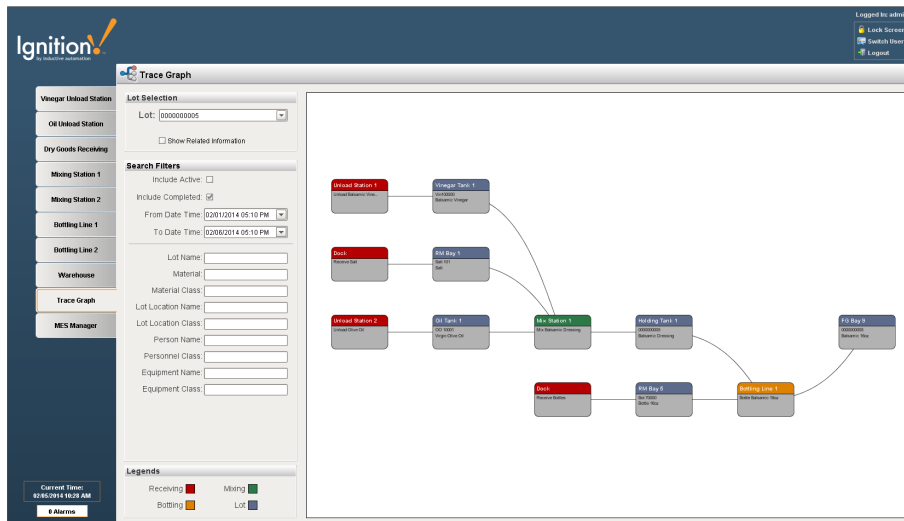
Supported Databases

- Microsoft® SQL Server
- MySQL
- Oracle
- PostgreSQL

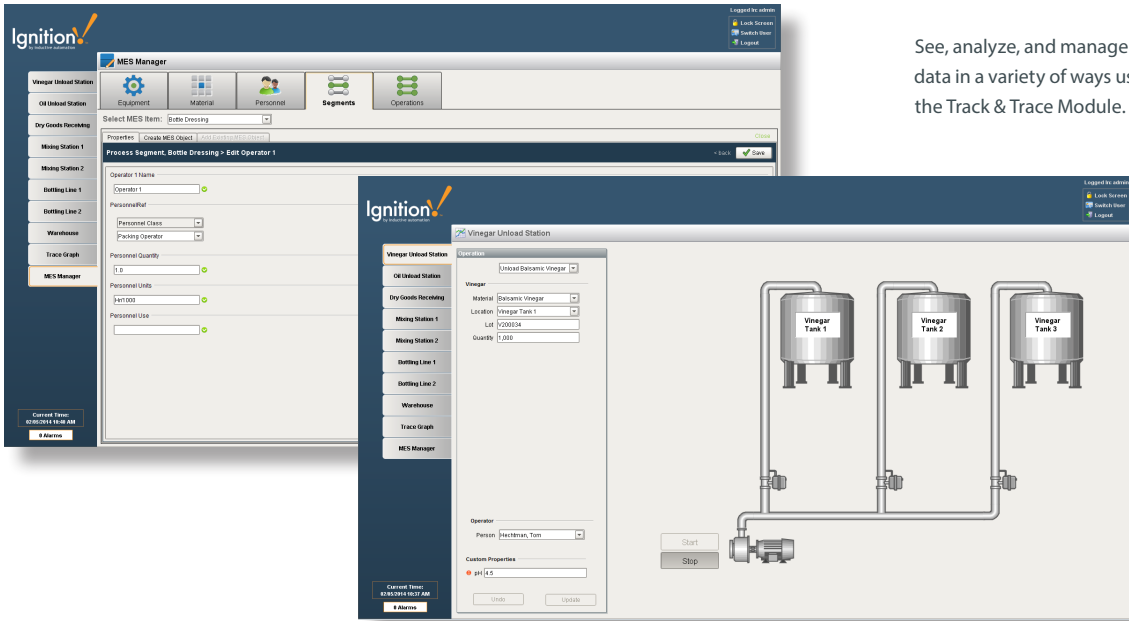
Requirements

- Java SE 6+ (server)
- Java SE 6+ (client)
- 1024 MB RAM
- 1GB free HD space (requirements vary by usage)

*Ignition is compatible with any Java 6-enabled operating system. Full support is only offered for listed operating systems.



The Track & Trace Module consolidates relevant data from multiple systems into one unified interface.



See, analyze, and manage your data in a variety of ways using the Track & Trace Module.

In-Depth Data and Analysis

The module brings together OEE, SPC, ERP, recipe, trend and more information, placing it at your fingertips as never before. Quickly get action summaries. View trends within Ignition, and query external systems such as ERPs or warehouse management systems. See correlations between efficiency and quality. Keep an eye on historical trends, and access information related to compliance. This variety of valuable data gives you the insight to make better decisions.

Paperless Tracking

The module allows manufacturers to transition away from recording traceability information on paper and instead keep it alongside the rest of their system data on a unified platform where it is easy to analyze and retrieve. In addition to manually entered tracking, automated tracking helps enterprises greatly increase their accuracy, speed and efficiency.

Comply with Traceability Regulations

Certain industries are facing increased regulatory demand for traceability information. The Track & Trace Module helps enterprises track their products through the supply chain and avoid fines by providing access

to traceability information requested by government authorities.

Align with ISA-95

The Track & Trace Module is built to align with ISA-95, the international model for integrating enterprise and control systems. ISA-95 provides an excellent starting point for successfully implementing interfaces between enterprise and control systems.

Powered by Ignition

Track & Trace is an MES module for Ignition, the powerful, award-winning, HMI, SCADA and MES software from Inductive Automation. The Track & Trace Module is seamlessly integrated with Ignition HMI to ensure accurate information. It also works seamlessly with the other modules in the Ignition MES suite, which are built to help your enterprise align with the ISA-95 international model for integrating enterprise and control systems. Because the module is built upon the power of Ignition, it shares the same advantages, such as cross-platform compatibility, unlimited free clients, robust out-of-the-box SQL database support, and fast installation. By leveraging the full power of Ignition, the module is unlike any other traceability application on the market.



The Track & Trace Module is available for download at the Ignition Module Marketplace.
marketplace.inductiveautomation.com