



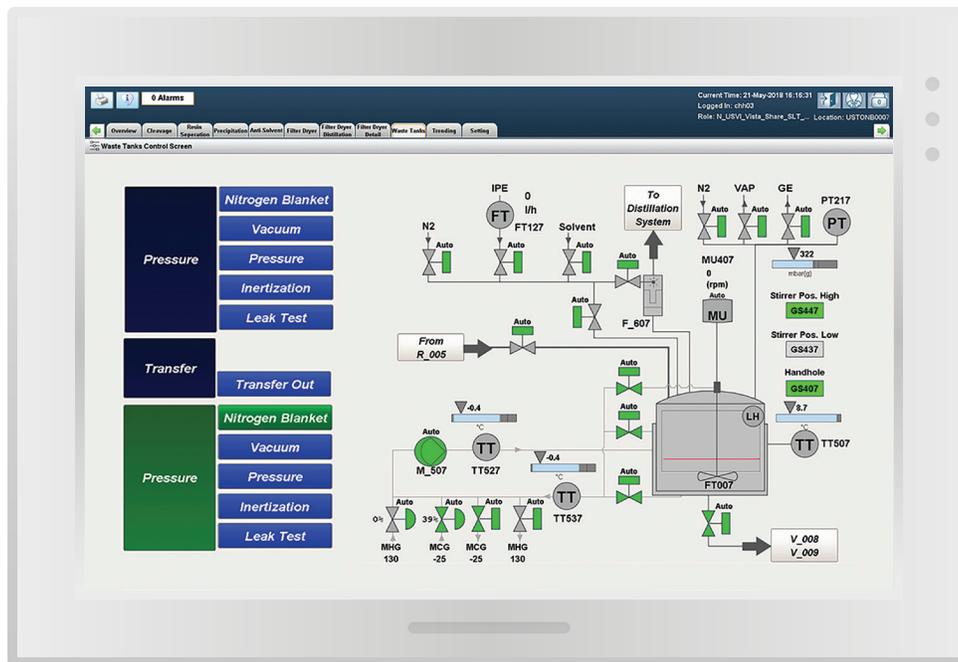
Ignition! Vision Module

Product Data Sheet

See and Control Your Process in Real Time

Free your operators from manually tracking process data on whiteboards and clipboards by creating dynamic, beautiful, real-time dashboards and control screens with the Ignition Vision Module. Use the Vision Module to quickly build any type of visualization for your industrial organization: HMI, historical trending, and alarming screens, plus charts, graphs, and much more.

Features



Screen courtesy of Wunderlich-Malec

Real-Time Status & Control

Display, analyze, and manage what's happening in your facility right now — Ignition makes it easy through the combination of real-time status and control functionality, SQL database integration and the Vision Module's powerful graphical capabilities.

Instantly Launch Unlimited Clients

With the Ignition Vision Module, you can launch an unlimited number of rich runtime clients to as many HMIs, industrial panels, PCs, and laptops as you need.

Designed for the Plant Floor

The Ignition Vision Module is designed for traditional plant-floor and desktop screens, and standalone HMIs. It's fast, reliable and proven, after more than 10 years of plant-floor use and countless installations around the world.

Easily Interface with PLCs and Databases

With Ignition, you can easily connect to any major type of PLC or database and integrate that data into your SCADA system. With powerful, easy-to-use property binding capabilities, the Vision Module lets you create applications that display database information to any screen and write data directly to any database.

At-A-Glance Analysis Made Simple

Display real-time and historical data on customizable charts, tables, and graphs. Quickly set up dashboards, track key performance indicators (KPIs), and view trends. Use with the Alarm Notification Module to quickly set up real-time alarming screens.

Create New Screens in Minutes

The included Ignition Designer is packed with tools that make development quick and intuitive. Use drag-and-drop to easily and instantly bind data to inputs, displays, tables, and other components. Cut down on development hours with time-saving component templates.

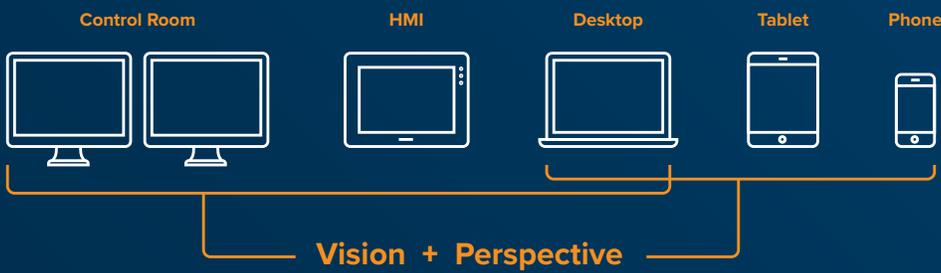
Easily Add Graphics and Animations

Vision gives you many ways to bring your process to life with powerful graphics and animation tools. Import any SVG file, choose from nearly 4,000 ready-made images available with the Symbol Factory Module, or draw your own vector graphics. Easily create animations by binding shape properties to data values.

Built-In Python Scripting

Achieve advanced functionality using the built-in Python scripting engine. The Python scripting language is well-supported, powerful, and easy to learn and read, so your projects are easy to maintain.

Using Vision and Perspective Together



The diagram illustrates the multi-device support of the Ignition Vision Module. It features five categories of devices: Control Room (two monitors), HMI (a panel with a screen), Desktop (a laptop), Tablet (a tablet), and Phone (a smartphone). An orange bracket underneath all these device icons points to the text 'Vision + Perspective', indicating that the software can be accessed and run on all these different platforms simultaneously.

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Module Specs and Requirements

Requirements

- Ignition
- Dual-core processor
- 4 GB RAM
- 10 GB free HD space
- (Requirements vary by usage)

Supported Operating Systems

- Windows Server 2008/2012/2016/2019
- Windows 7, 8, and 10
- macOS
- Ubuntu Linux (Supported by most popular distributions, tested with Ubuntu 14.04 or later)

Supported Databases

- Microsoft® SQL Server
- Oracle
- IBM DB2
- MySQL
- MariaDB
- PostgreSQL
- Firebird
- Any database with a JDBC driver