

Core Modules

Build any kind of HMI (human machine interface) or SCADA (supervisory control and data acquisition) system using Ignition's powerful offering of HMI/SCADA modules.

What Are Core Modules?

Core Modules are commonly used modules included in a typical installation. Most systems have at least one of these modules installed. Each core module encapsulates a core SCADA or HMI principle such as data-logging or process visualization. These modules are the foundation upon which great projects are built.



SQL Bridge

Bridge the gap between OPC data and SQL databases and get a highly efficient SQL-based Tag historian and transaction manager. Easily log data, call stored procedures, and synchronize data bi-directionally.



Vision

Use this module to launch an unlimited number of powerful Ignition Vision clients anywhere on the network. Display charts, graphs, trends, HMI screens, and more.



Tag Historian

Turn a SQL database into a high-performance time-series Tag historian.



Reporting

Create dynamic, database-driven PDF reports with pixel-perfect layout - with ease.



OPC-UA

Connect to most major PLCs (Programmable Logic Controllers) with the Ignition OPC-UA Module. This module serves as a totally cross-platform OPC-UA server with an open, pluggable driver system.



Mobile

Get mobile access to your control system via smartphones and tablets.



Alarm Notification



SMS Notification



Configure the logic for how, why and when alarm notifications are delivered, manage alarm notification for groups of users, and send notifications via email.



Enterprise Administration

The EAM provides a secure and intuitive way to manage many Ignition installations from one location.

Add text alerts with the SMS Notification Module for even more options.

Sequential Function Charts

Streamline the creation, organization, and visualization of robust logic systems.



Symbol Factory

Vector graphics clipart library with an emphasis on industrial symbols.