SCADA Software

See, Control, and Analyze All Your Data, All in One Place

Ignition SCADA by Inductive Automation® combines an unlimited licensing model, with instant web-based deployment, and the industry-leading toolset for supervisory control and data acquisition (SCADA) — all on one open and scalable universal platform. Ignition is The New SCADA because it solves all the major pain points of old SCADA. Ignition empowers your business to easily control your processes, and track, display, and analyze all your data, without limits.

Take Data Acquisition to the Next Level

Ignition SCADA software comes standard with a comprehensive set of data acquisition tools which includes built-in OPC UA to connect to practically any PLC, and the ability to seamlessly connect to any SQL database. Ignition can also turn any SQL database into a high-performance industrial historian and connects to IIoT devices through MQTT.

True Real-Time Monitoring

Ignition is engineered to streamline data-throughput so you see true real-time tag values. Ignition's real-time monitoring gives you the power to quickly see the status of your facility, on any device.
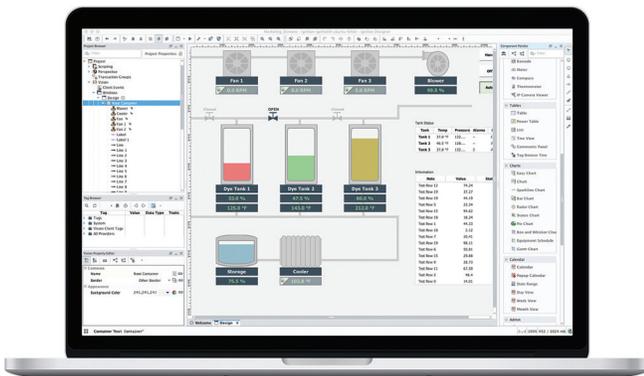
Rapidly Develop Any Kind of SCADA Project

Develop at lightning speed with the Ignition Designer, the industry's most powerful integrated development environment (IDE), which gives you all the tools you need, all in one place. The Ignition Designer is built into the platform, so it's instantly available, it's always the right version, it works on any major OS, and it comes with an unlimited number of concurrent design clients. Now your whole team can work on your project at the same time, from anywhere, at no extra cost!

Screens courtesy of Bixby International (middle) and Kymera Systems (right) showing Ignition's extensive visualiztion capabilities.

Control Your Process with Powerful HMIs

With Ignition, you can easily start and stop processes, monitor multiple data points at multiple locations, and check the status of the entire plant floor at any given moment. Ignition comes standard with the Ignition Designer, the industry's most powerful IDE, so you can effortlessly create optimized HMI screens to do whatever you need.

Powerful Visualization Tools

Easily create dynamic SCADA dashboards with powerful tools for data analysis. Stay on top of your business objectives with a full library of customizable charts and tables, to monitor key performance indicators, see at-a-glance trending, and more.
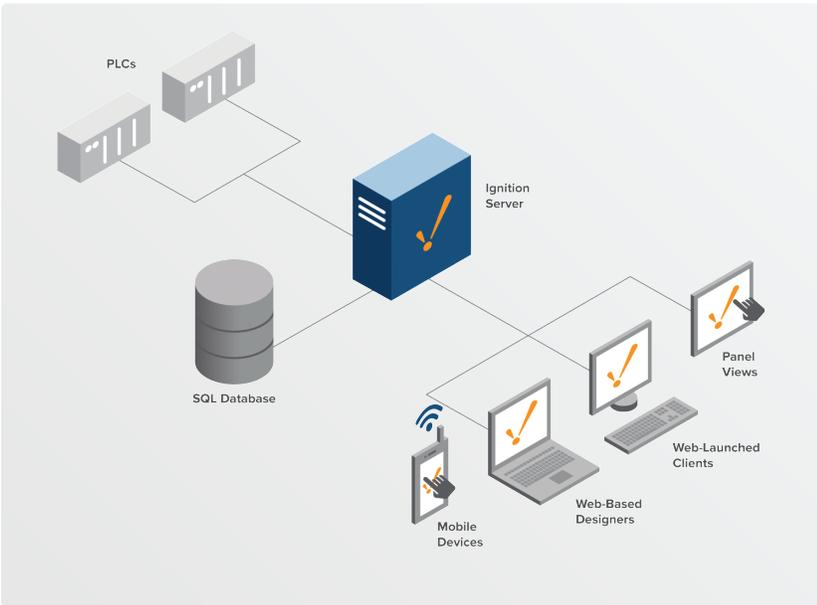
Easy Web-Based Deployment, Infinite Scalability

With Ignition, you can instantly web-launch an unlimited number of zero-install, full runtime clients on virtually any device from a central server. With architectures for virtually every type of system and an unlimited licensing model, Ignition can fit any size of implementation and can easily grow with your company's needs.
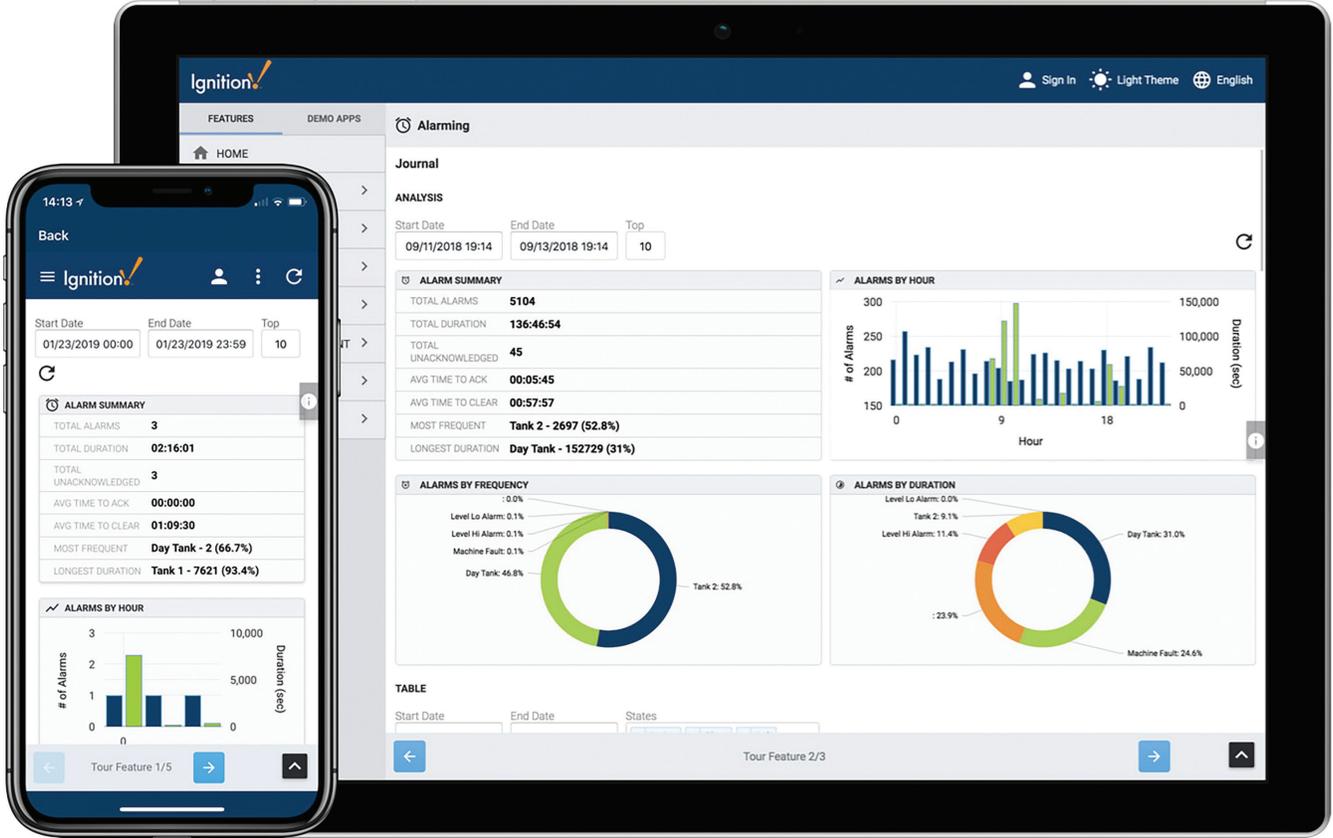
Build Fully Mobile-Responsive SCADA Applications

Get all the tools you need to build full-fledged, totally mobile-responsive SCADA applications that put the full overview and control of your plant floor right on your phone, tablet, and desktop – all with one application.

Build Next-Generation Smart SCADA Applications

Ignition lets you leverage the power of your mobile device's intuitive touch inputs, sensors, cameras, and GPS to create the next generation of SCADA applications. With Ignition, you can create pure-web SCADA applications that use HTML5 and CSS3 to run natively inside any major web browser.