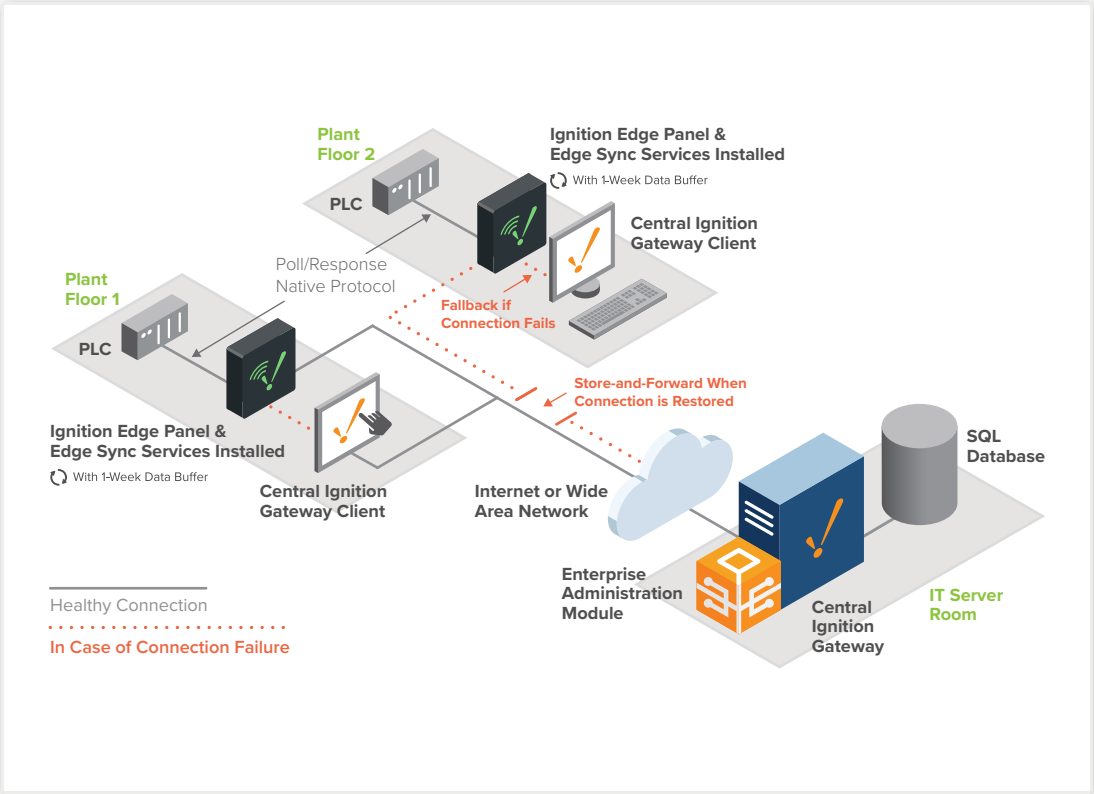
Ignition EDGE! Panel

Product Data Sheet

Create Local HMIs for Field Devices

Ignition Edge Panel enables standalone HMI functionality for one local client and one remote web-launched client at the edge of the network.

Features



Hub-and-Spoke with Local Client Fallback: *Use Ignition Edge Panel and Edge IIoT together to add a local client at the edge of the network and to publish data to an MQTT broker.*

Rapidly Build Industrial HMIs

Ignition Edge Panel gives you a choice between the Vision or Perspective modules. Ignition Edge Panel comes standard with the Ignition Designer, the most powerful integrated development environment in the industry. Ignition Edge Panel comes with everything you'll need to rapidly build beautiful HMIs that optimize operator performance.

See and Control Your Processes

With Ignition Edge Panel, you can build and deploy a local HMI that lets you quickly see the status of your machine in real-time and start and stop processes with the touch of a button.

One-Way Alarm Notification

Ignition Edge Panel can send one-way alarm notifications by email through your company's SMTP server, so you can stay alert to what's happening at the edge of the network.

Basic Trending

Ignition Edge Panel includes storage for one week of data buffering; this can be perfect for including basic short-term trending on your HMI client.

Local-Client Fallback

In the event of a failed network connection, a client re-targets from a central Ignition server and connects to the local Ignition Edge Panel, providing access to one week of data buffering and maintaining local data visualization and control.

Access Data from PLCs & OPC UA Servers

For easy PLC connections, Ignition Edge solutions come with unlimited tags through an unlimited number of OPC UA connections and up to two Ignition native driver connections. Modbus RTU and TCP, Allen-Bradley, BACnet, Siemens, DNP3, Omron, and simple TCP and UDP drivers are all included.

Totally Cross-Platform

Ignition Edge works seamlessly with Ignition and on Linux, any version of Windows, on macOS, and more, so you can install it on virtually any industrial device[1]. With support for ARM processors, Ignition Edge can also run on devices like Raspberry Pi or the latest generation of efficient edge-of-network devices.

Mix and Match with Other Ignition Edge Solutions

Ignition Edge IIoT | **Ignition Edge Panel** | **Ignition Edge Compute** | **Ignition Edge Sync Services** | **Ignition Edge EAM**

Use Ignition Edge Panel[2], Compute, IIoT, Sync Services, or EAM[3] on a single device, or mix and match them to create powerful solutions for your specific needs.

Module Specs and Requirements

Requirements

Ignition v8.0.10+

1024 MB RAM[5]

1GB free HD space

Supported Operating Systems

Windows Server 2008/2012/2016/2019

Windows 7, 8, and 10

Ubuntu Linux 12.04 or later

Other Java SE-enabled OSes[4]

1. Ignition Edge solutions cannot be installed on a central Ignition Gateway.
2. Ignition Edge Panel's one-week data buffer is based on average data usage. Data buffer is limited to 10 millions rows, does not include database support.
3. Some features of Ignition Edge EAM require the EAM module to be installed on the central Ignition Gateway.
4. Ignition is compatible with any Java 11-enabled OS. Full support is only offered for listed OSes.
5. Requirements vary by usage.