



# Ignition! Perspective® Module

Product Data Sheet

## The Plant Floor in Your Pocket

Easily build full-fledged, industrial applications in HTML5 for the monitoring and control of your process directly from your mobile device, desktop, and touch panel. Whether for SCADA, HMI, or another purpose, the applications you build in Perspective will look beautiful, and run natively on your device or in any major browser.

## Features



### Plant-Floor Ready

With the Perspective Workstation, you can instantly web-deploy rich runtime clients natively to any HMI, desktop, workstation, and multi-monitor configuration without the need for a third-party web browser.

### Built for Mobile, Ready for the Field

Perspective Mobile puts the power of your plant floor in the palm of your hand. By empowering you to create beautiful, mobile-responsive industrial applications that run natively on any mobile device, Perspective Mobile lets you see and control your processes from anywhere.

### Add the Magic of Mobile to Your Applications

Perspective unlocks the power of your mobile device to open up a new world of possibilities for your industrial applications. Harness the full power of your mobile device's GPS, accelerometer, camera, barcode scanner, touch gestures, and other sensors to create the next generation of smart industrial applications.

### Ignition Perspective Responds to You

Ignition Perspective is totally responsive. It automatically adapts to fit screens of any size, giving you a personalized view into your unique processes, optimized for whatever device you're using.

## Real Control at Your Fingertips

See your whole system at a glance, and control your processes with intuitive touch commands including pinch and zoom.

## Easily Scan Barcodes and More

With Perspective, you can turn your mobile device into a scanner that can easily scan any barcode, including QR codes, into your SCADA system.

## Take Advantage of Geolocation

In Perspective, you can use your mobile device's GPS to provide geolocation data to enhance your application out in the field.

## Connect to Bluetooth-Enabled Devices

Perspective lets you leverage your mobile device's capabilities to instantly connect to Bluetooth-enabled devices.

## Use Your Mobile Device's Accelerometer

Take full advantage of your mobile device's accelerometer to add a new level of interaction with your application.

## Design for Screens of Any Size

Streamline your development process with robust design components and features that enable you to design for mobile, desktop, and display and touch-panel screens all at the same time.

## Run in Kiosk Mode

With Perspective Workstation, you can run your clients in full-screen kiosk mode, which eliminates any distractions from the underlying OS and keeps operators focused on what's important.

## Unlimited Accessibility

Ignition Perspective runs on any device, including phones, tablets, laptops, desktops, and TV screens. Deployment has never been easier — you can deploy an unlimited number of Ignition Perspective clients from any location with a single click. You can even send secure web links to your application that anyone can view in a web browser. Perspective is compatible with Chrome, Firefox, Safari, and Microsoft Edge, fully HTML5 and CSS3 compliant, and does not require Java installation or plug-ins.

## Secure Systems with Cutting-Edge Protocols

Ignition Perspective was built from the ground up with modern cybersecurity protocols at the forefront of development. It supports industry-leading encryption protocols, and is compatible with today's federated identity infrastructure. Its permissions model enables role-based security for complete system protection.

## Easily Configure Components with Message Handling

Build robust systems with ease by leveraging message handling, a system that allows components to receive messages directly from one another. This makes it easier than ever to create strong, flexible, and complex connections between components, and requires less code.

## Module Specs and Requirements

Requirements	Supported Operating Systems	Supported Databases	Supported Browsers
Ignition 8.1.23	Windows Server 2016/2019	Microsoft® SQL Server	Chrome
Dual-core processor	Windows 10	Oracle	Edge
4 GB RAM	macOS (10.16+)	MySQL	Firefox
10 GB free HD space	Linux (support for popular distributions, tested with Ubuntu 18.04)	MariaDB	Safari
(Requirements vary by usage)		PostgreSQL	
		Any database with a JDBC driver	