



A Whole New View

With the powerful tools, web technologies, and next-generation visualization system in Ignition 8, you can build dynamic industrial applications that automatically respond to your own unique perspective. Ignition 8 gives you a powerful new view of your industrial processes that is more mobile, customizable, scalable, and secure than ever before.

Built for Mobile, Ready for the Field

The biggest new feature of Ignition 8 is the new Ignition Perspective Module. Ignition Perspective is the next-generation visualization system for industrial applications, optimized specifically for mobile devices.

The Plant Floor in Your Pocket

The Ignition Perspective Module 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 and web browser.

 [Watch the video](#)

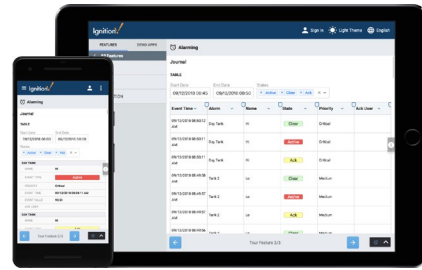


"With Ignition 8 comes our new mobile solution, Ignition Perspective. It's built from the ground up to be a first-class, pure-web, fully mobile solution built specifically for industrial applications."

— *Carl Gould*
Co-Director of Software Engineering, Inductive Automation

Ignition Perspective Responds to You

Ignition Perspective is totally mobile-responsive, so it automatically adapts to fit screens of any size, giving you a personalized view into your unique processes that is optimized for whatever device you're on.

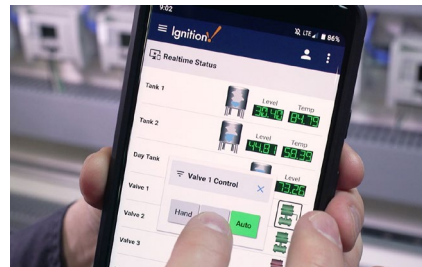


Add the Magic of Mobile To Your Applications

Ignition Perspective empowers you to harness the full power of your mobile device's touch inputs, GPS, cameras, and other sensors to create the next generation of smart industrial applications.

Real Control, With a Swipe

Ignition Perspective doesn't just give you a mobile view of your operations, it gives you full control. With Ignition Perspective, you can build full SCADA, HMI, alarming systems, and other applications that put you fully in control of your processes, right from your phone.



Run in Any Web Browser With HTML5

Ignition Perspective clients are fully HTML5 and CSS3 compliant and can run natively on any device with a web browser — no plugins required.



Use Any Major OS — Even iOS and Android

Ignition Perspective clients can run on any major OS and run natively on iOS and Android with the Ignition Perspective App.

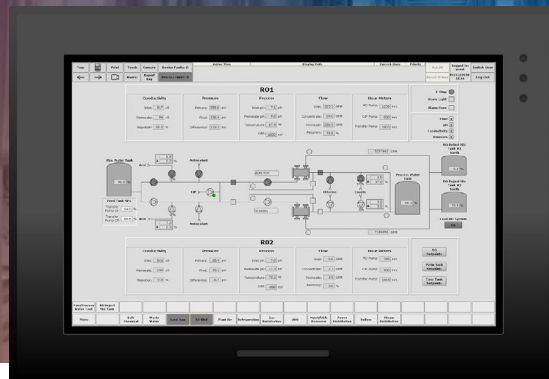


Built on the Power of Ignition

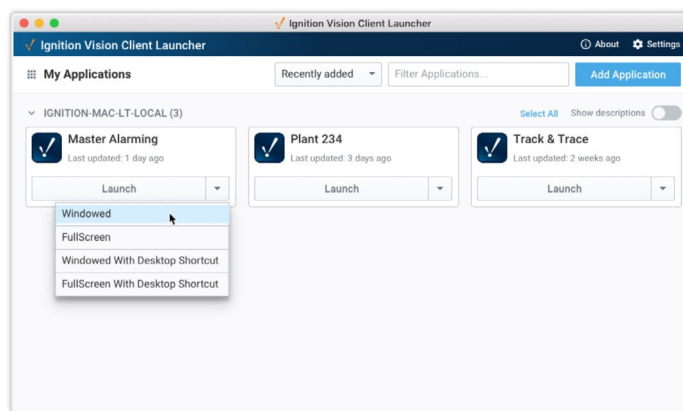
Ignition Perspective is built on the power of the Ignition platform. That means it works together with other Ignition modules, including the Vision Module.

A Whole New Vision for the Future

In Ignition 8, the Vision Module gets its biggest updates since it was first released in 2010, allowing you to make your HMIs and plant-floor dashboards easier to deploy, and more beautiful than ever.

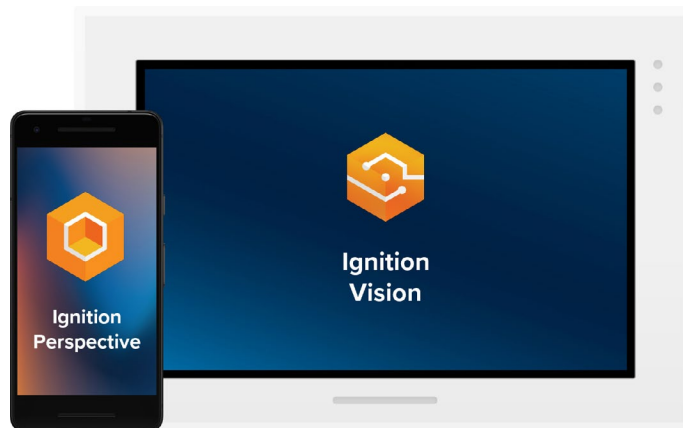


[Watch the video](#)



Launch Vision Clients Without Installing Java

For the new Vision Module, we've created new native Vision client launchers for Windows, Mac, and Linux, so you can easily launch Vision clients on any major operating system without needing to install and update Java.



Use Vision and Perspective Together

Ignition Vision is perfect for dedicated plant-floor displays and HMIs, while Ignition Perspective is perfect for mobile-first industrial applications. You can use them on their own or together to form the industry's most powerful, cutting-edge visualization system.



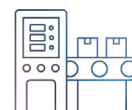
High-Resolution Display Support

Vision client screens will look even better in Ignition 8, thanks to a new design and new support for high-resolution displays.



Better Font Rendering

Fonts have also been improved with more choices and better rendering so your screens look sharper and more stylish than ever.



Plant-Floor Proven

After more than 10 years of plant-floor use and countless installations, the Vision Module is trusted by industrial organizations everywhere.

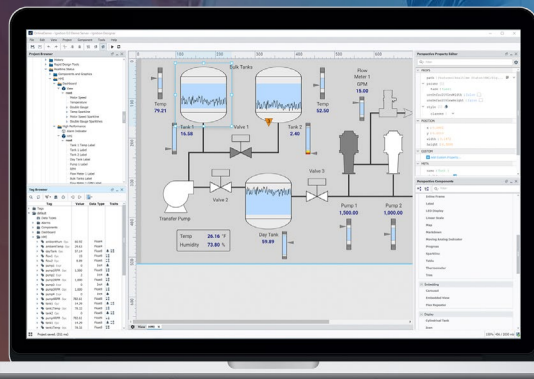


"The Vision Module is one of Ignition's most proven and powerful modules, and in Ignition 8 we've made it even more powerful."

– Colby Clegg
Co-Director of Software Engineering, Inductive Automation

Built for Designers and Teams

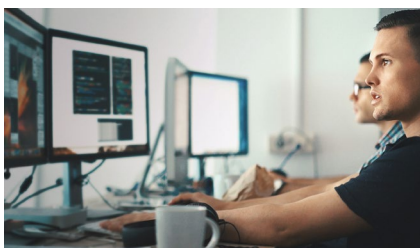
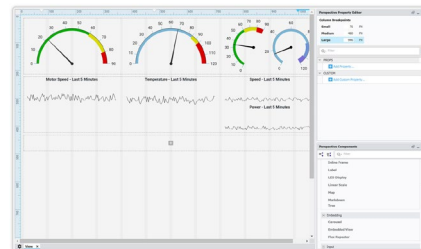
Whether you're a one-man integration shop or part of a large team of control system engineers, Ignition 8 has the tools you need to work smarter and faster than ever.



[Watch the video](#)

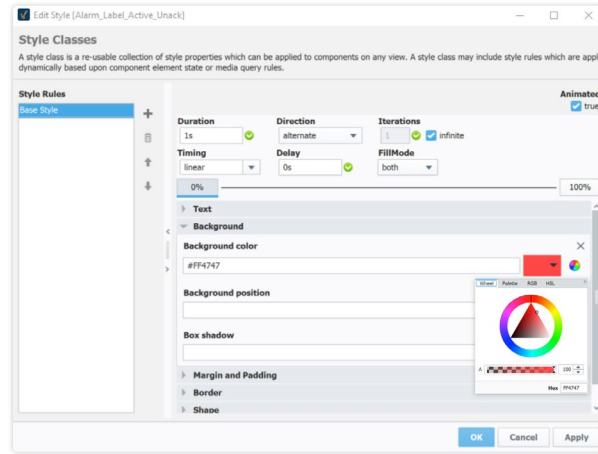
Design for Any Size of Screens

With the new responsive components in Ignition Perspective, you can easily design complex layout structures that scales effortlessly to different screen sizes, all in one design environment: the Ignition Designer.



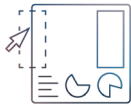
Collaborative Concurrent Development

Ignition 8 has an improved concurrent editing system which allows multiple people to work on the same project at the same time without locking each other out of resources. This can help your team work faster and more collaboratively than ever.



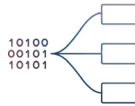
Design With Style, Edit With Speed

In Ignition Perspective, you can use powerful and flexible CSS3 styles to change the appearance and position of anything in your application. By combining styles into themes, you can apply and edit styles across multiple applications in an instant.



No Web Coding Required

With the new tools Perspective adds to the Ignition Designer, you can easily build beautiful mobile-responsive web applications using simple drag-and-drop.



Easily Transform Your Data

With the new Transform tool, you can easily take tag data and transform it to the output of your choice, such as mapping, scripting, expression, formats and more.



Source-Control Friendly

Full compatibility with industry-standard source-control tools makes it easy to restore previous versions, resolve code conflicts, and track changes to your codebase.

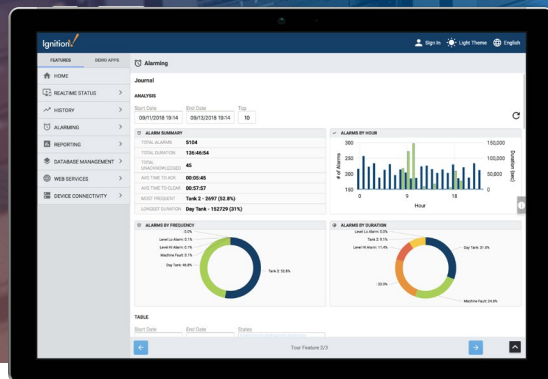


“Working with Ignition 8 and the Perspective Module is unlike anything out there. It’s easy to build web applications that are powerful, secure, mobile-responsive, and fast!”

– Travis Cox
Co-Director of Sales Engineering, Inductive Automation

Built for Enterprises of all Sizes

Whether you're a system architect rolling out Ignition enterprise-wide to multiple facilities, an IT specialist securing your company's data, or an efficiency officer looking to improve productivity, Ignition 8 is being built for you.



[Watch the video](#)

Easily Manage Large Multi-Site Projects

Ignition 8 has a new project system that makes it easy to define overarching corporate projects that share resources like windows, scripts, and themes that can be inherited by the local sites. Changes at the top can cascade down to all projects or be overridden and customized at each local site.



Speeds Compared to Ignition 7.9

Tag Editing

190x
Faster

Tag Moving

90x
Faster

Tag Browsing

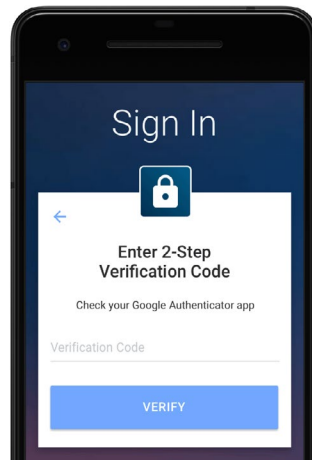
18x
Faster

Tag Importing

15x
Faster

Handle Huge Amounts of Data

The tag system in Ignition 8 looks familiar, but it's been newly optimized with speed and performance in mind. Ignition 8 lets you handle larger amounts of data more easily and quickly than ever before.



Simple and Safe Identity Management

Use single sign-on (SSO) with your existing corporate credentials and get access to all of your assigned accounts and applications in one place. Centralize identity management through trusted federated identity technologies such as SAML and OpenID Connect.



Deploy Concurrent Clients — A Lot of Them

Run a large amount of clients across your enterprise at the same time. In initial benchmark testing, Ignition Perspective can simultaneously launch 200 clients with ease.



Integration with 2FA Systems

Ignition 8 also integrates with existing corporate identity infrastructures that use two-factor authentication to verify the identity of users, adding an extra layer of protection.



Trusted by Companies Everywhere

46% of the Fortune 100 and thousands of other companies around the world trust Ignition, and Ignition 8 will be the best version of Ignition yet!



“With Ignition 8, we’ve optimized the tag and projects system to emphasize simplicity and performance. It’s really built to help companies easily scale their systems.”

— Colby Clegg
Co-Director of Software Engineering, Inductive Automation



Ignition 8 is everything you love about Ignition, only better!



Unlimited Licensing Model

Add unlimited clients, screens, tags, connections & devices.



Server-Centric Web-Deployment

Easily deploy at one or more sites or in the cloud.



Modular Configurability

Use integrated modules to build the exact industrial application you need.



Cross-Platform Compatibility

Ignition works with any major operating system, even iOS and Android.



Run Web-Clients on Desktop or Mobile

Launch runtime clients in any web browser with no plugin required.



Based on Open Technology Standards

Built on HTML5, SQL, Python, MQTT & OPC UA.



Instant Installs and Updates

Install on a server in just 3 minutes, push updates to clients everywhere, instantly.



One Universal Platform

Build SCADA, MES, IIoT, alarming, reporting applications and more.



Mission-Critical

Add fault tolerance for mission-critical systems by adding redundant servers.



"We've been helping our community build industrial applications with Ignition for years. We took everything we've learned from that experience and packed it into Ignition Perspective and Ignition 8."

— Carl Gould
Co-Director of Software Engineering, Inductive Automation



To discover what Ignition can do for your company, visit:
inductiveautomation.com/ignition8

Some of the companies that depend on Ignition:



Morgan Stanley



Platform Specs and Requirements

Supported Operating Systems

Windows Server 2008/2012/2016

Windows 7, 8 and 10

macOS

Ubuntu Linux (Supported by most popular distributions, tested with Ubuntu 12.4 or later)

Supported Databases

Microsoft® SQL Server

Oracle

IBM DB2

MySQL

MariaDB

PostgreSQL

Firebird

Any database with a JDBC driver

Requirements

Dual-core processor

4 GB RAM

10 GB free HD space

(Requirements vary by usage.)

To learn more about Ignition 8, please contact an account representative at: **800.266.7798**