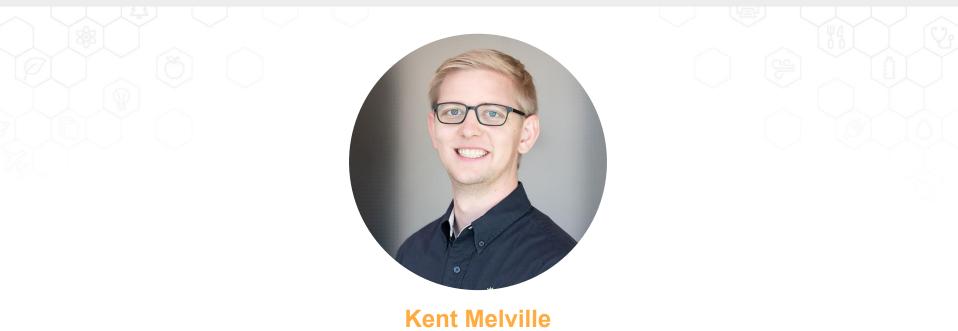


Presenter



Sales Engineering Manager Inductive Automation



Agenda

- Ignition Edge Updates
- Edge IIoT Vs. Ignition Gateway
- Edge Architectures
- Edge + Multi-Tenant Functionality
- Audience Q&A





gnition ®

The Unlimited Platform for SCADA and So Much More

- Connect, Design, Deploy Without Limits:
 - One central hub for everything on the plant floor
 - Create any kind of industrial application
 - Web-deploy clients to desktops, industrial displays
 & mobile devices

- Unlimited licensing
- Industrial-strength security and stability
- Trusted by thousands of companies worldwide



Ignition Cloud Edition leverages the power of the largest cloud platforms, AWS and Azure, allowing you to easily tap into additional services and flexibility.



Ignition

The standard Ignition platform has a full range of drivers and tools to connect to any device and develop applications for SCADA, HMI, MES and more.



Ignition EDGE

Ignition Edge runs on embedded devices and offers edge computing and data collection from remote sites.



Previous Ignition Edge Product Line



Ignition Edge IIoT



Ignition Edge Panel



Ignition Edge Compute

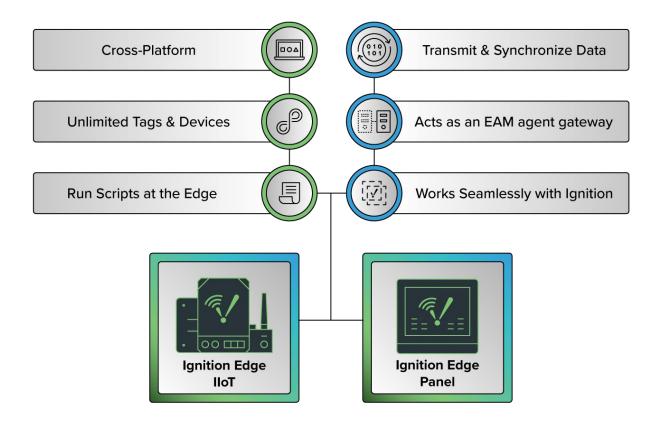


Ignition Edge Sync Services



Ignition Edge EAM

Updated Ignition Edge Product Line



Ignition Edge IIoT

- Works with Ignition IIoT solutions and other IIoT platforms
- Turns your devices into MQTTenabled edge gateways
- Polls remote data and publishes to an MQTT server

Ignition EDGE



Ignition Edge Panel

- Ignition Edge IIoT + Local visualization
- Two Perspective sessions or one local and one remote Vision client
- Good for standalone HMIs and local-client fallback for field HMIs.
- Can publish MQTT data





Why We Updated Ignition Edge

- Overly complex product options
 Too difficult for customers to choose the right solution.
- It seemed like a modular platform but was intended to be an edge-focused platform.





Ignition Edge Limitations

- Ignition Edge is not full SCADA
 - For small purpose-built systems.
 - For forwarding data or connecting to something
- Should not be used as a standalone historian
 - Not designed for long-term storage
 - Doesn't have enough history/data storage

Ignition EDGE



Ignition Edge Limitations

- Not for running an entire facility
 Designed for single-panel displays with bonus display
- Doesn't support adding modules like standard Ignition





Ignition Edge IIoT Vs. Standard Ignition Gateway

- Do you need access to a database?
- Do I need more than 2 Sessions/Clients? How can you add clients to Ignition Edge?
- Do you just need a local HMI/fallback client in the field?
- Are you looking for a local data buffer next to a critical piece of equipment?



Ignition Edge IIoT with SCADA Architecture

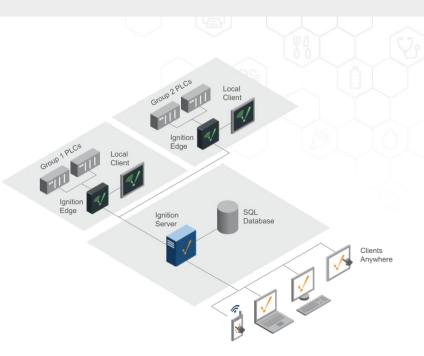
- Multiple facilities with a central system looking at everything
- Ignition Edge can be on-premise as a data collector
- Publish data centrally
- Adds IIoT to your SCADA system
- Regulated industries need local data collection at remote sites.
 - Data needs to come up centrally from those sites.
 - Need to hold onto the data for one month as a buffer





Ignition Edge Panel Architecture

- Provides local visualization from remote sites and sends data to a centralized system.
- Standalone HMI at the edge combined with other screens to create an Ignition HMI





Compute Architecture

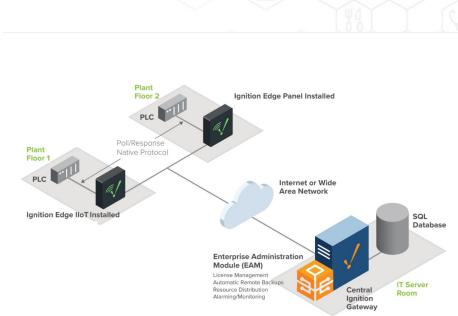
- Ignition Edge now comes with Compute included
 - Makes it easier to add logic.
- Processing at the site
- Scheduled scripts for triggering systems.





EAM Architecture

- Ignition Edge now comes with Enterprise Administration Module (EAM) functionality
- Automate management if you have multiple Edge sites and a centralized Ignition system.
- Define your central gateway as an EAM controller and all of your Edge devices/gateways as EAM agents
- Remotely monitor servers, push out project updates, and more.



Ignition Edge EAM, Compute, and Sync Services

- These functionalities are free with upgrade support
- Without support, these functionalities can be added for a discount

Current Edge License	Upgrade To	Cost with Upgrade Protection
Panel and IIoT (with any other products)	New Panel	Free
Panel w/o IIoT (with any other products)	Add Sync Services, Compute, and EAM (if not present), and add Unlimited Devices (for included drivers)	Free
	New Panel	\$350



Edge Bulk Discounts



Number of Edge Licenses	Discount Percentage
1-4	0%
5–24	5%
25–99	10%
100–249	20%
250–499	30%
500+	40%

Percentages shown are for purchasing Ignition Edge licenses in bulk. To place a bulk order, contact your sales representative or call 1-800-266-7798





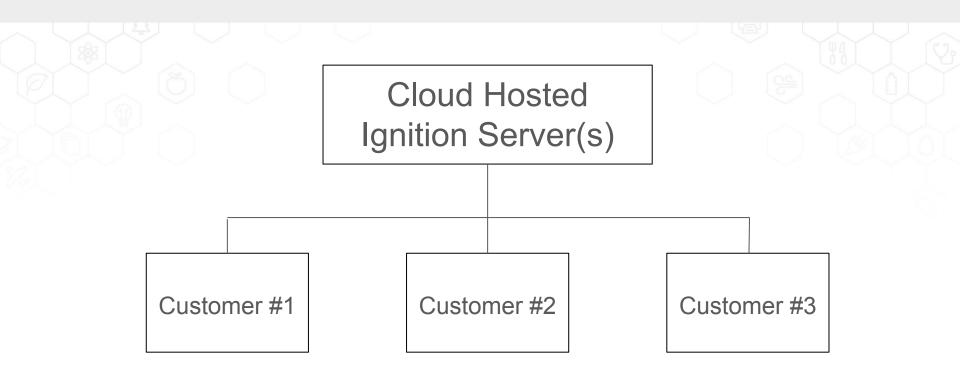
Guiton Cloud Edition

What is multi-tenant functionality?

- For building reusable commercial applications.
- Multi-tenant functionality offers a new economic model
 - Pay-as-you-go service model









Why enable multi-tenant functionality?

- More freedom leads to more innovation
- Customers wanted to build custom commercial hosted applications on top of Ignition.
- This is the best place to do this
 - The cloud is flexible and accessible





- Allows a company (such as an Integrator) to build an application in Ignition and sell it as a service to customers. They can host multiple customers on the same Ignition server.
- Organizations with common challenges can search for multitenant applications that provide the functionality they need at a cheaper price.





Example: Deep Fork Automation



Example: Deep Fork Automation

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Example: Deep Fork Automation

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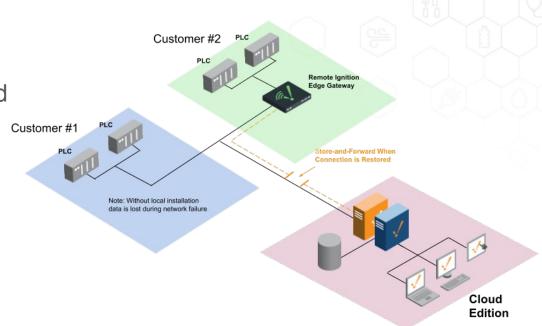
Multi-Tenant Functionality and Edge Integration



Licensing

Multi-Tenant Functionality and Edge Architecture

- Combining offers flexible and scalable solutions
 - Ignition Edge for unlimited local connections
 - Centralized cloud system for wider data access
- Cloud Edition consolidating data for multiple customers with an Edge gateway.



Learn More: From the Edge to the Cloud

Learn more about Ignition Edge at: <u>https://page.inductiveautomation.com/ignition-edge</u>

Learn more about Ignition Cloud Edition at: https://inductiveautomation.com/ignition/cloud-edition

Learn more about multi-tenant functionality: https://inductiveautomation.com/resources/article/hos tedmultitenant-ignition-cloud-edition-guidance



Ignition

Ready to Try Ignition for Yourself?

Download the full version for free at: inductiveautomation.com



inductiveuniversity.com

Ignition User Manual also available at: docs.inductiveautomation.com

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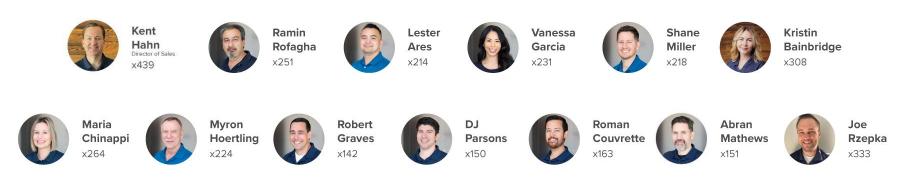
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