

# **Today's Speakers**



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# **Agenda**

- Introduction to Inductive Automation & Ignition
- Ignition Designer Tips
- Ignition & Docker Basics
- Ignition Exchange Resources
- Q&A

















ConAgra Foods

Chobani



4k+
Registered
Integrators

140+
Countries

22+
Years In The Industry







Crate&Barrel











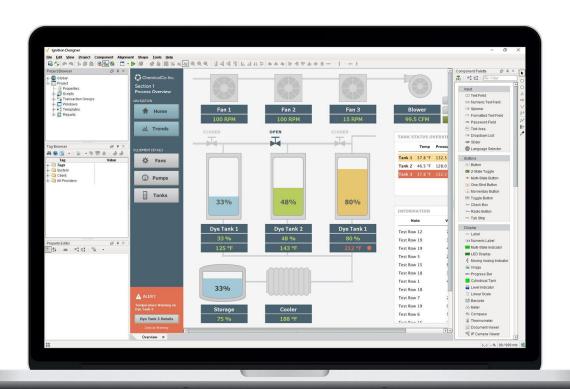


# The Unlimited Platform for SCADA and So Much More

- 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

# **Design Like A Pro In Ignition**



# 25+ Hidden Gems Recap

### Designer

- Perspective dev tips
  - Use Page props for bindings
  - Avoid direct prop bindings
  - Use page props in scripts
  - Right Click>Wrap in Container
  - F5 to preview mode toggle
  - Auto on the grow shrink
  - o CSS sizing options: px, %, vw, vh, em
  - Tooltip
  - ContextMenu
  - Auto on the grow shrink

- Tools and troubleshooting
  - UDT hierarchy tool
  - Drop config
  - Embedded view icon to open view
  - Adding a logger
  - Logger levels
  - Perspective print
  - Chrome Dev Tools
    - Console
    - Device toolbar

# 25+ Hidden Gems Recap

### Docker

- Getting started with Ignition in Docker
  - O What is it?
  - Docker Desktop
  - Spin up a basic Ignition gateway container
    - Port forwarding
  - Managing container in Docker Desktop UI
- Docker Compose files
  - Visual Studio Code
    - Integrated terminal
    - Docker Extension
  - Using Ignition image in Docker compose
  - Volumes
  - Other services
    - Postgres (Or db of your choosing)
- Licensing Ignition in Docker
  - 8 char keys

### Community

- Exchange resources
  - Copy to Clipboard
    - Use CSS with Perspective
    - Use HTML with Perspective
    - Use Javascript with Perspective
  - Rolling Ball Menu
    - Use the Advanced Style sheet
    - Use transforms to change icon with animation
    - Add styles to hover CSS pseudo-class
  - CSS Animation Guide: A Robot Example
    - Learn CSS
    - Implement CSS in your project
    - Add robot animation to your project

# **Additional Resources**

- Inductive University Course: Ignition With Docker
   <a href="https://inductiveuniversity.com/courses/elective-studies/ignition-with-docker">https://inductiveuniversity.com/courses/elective-studies/ignition-with-docker</a>
- Ignition Docker Image
   https://docs.inductiveautomation.com/docs/8.1/platform/docker-image

# 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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# **Questions & Answers**



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For Inductive Automation Australia, call: 1300 10 8088

# **Thank You**

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