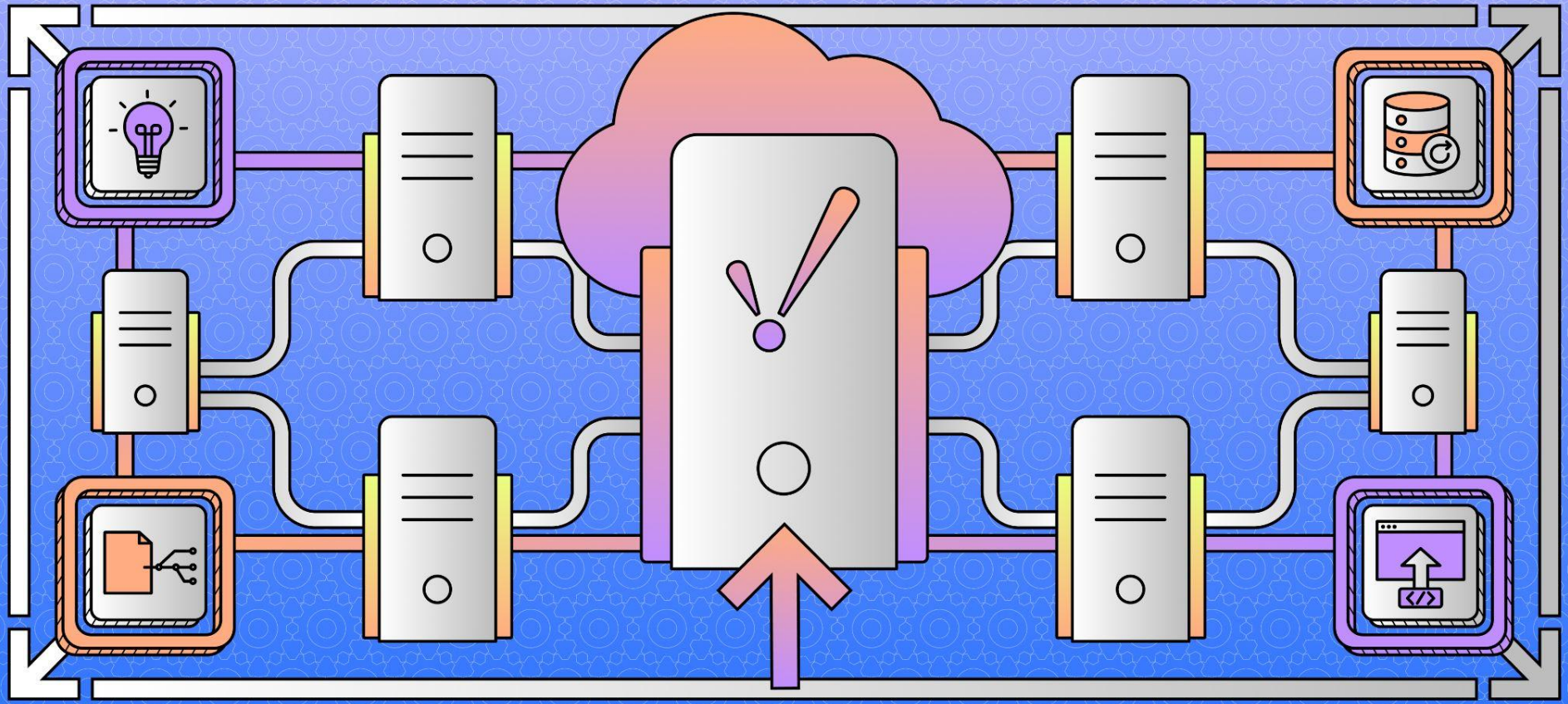
Deployment Modes in Ignition 8.3: Build, Test, and Deploy With Confidence



Speaker



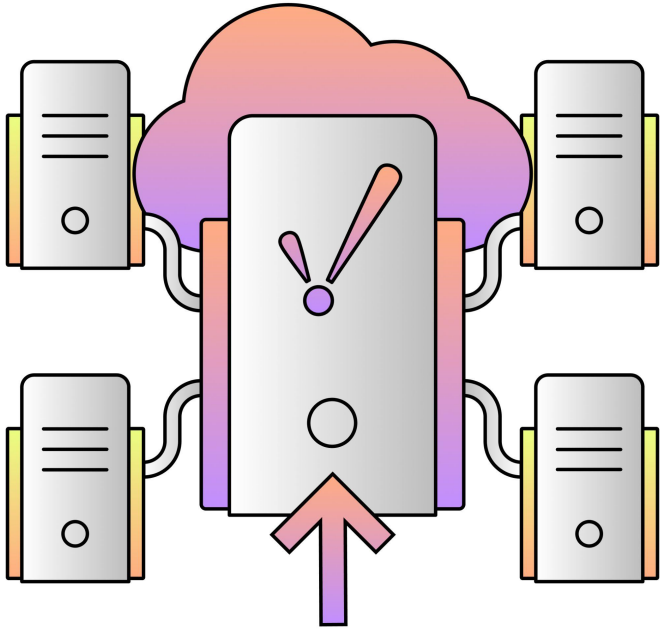
Travis Cox

Chief Technology Evangelist

Inductive Automation

Agenda

- Introduction to Inductive Automation & Ignition
- Introduction to Deployment Modes
- Deployment Modes Demo
- Questions & Answers



About Inductive Automation









































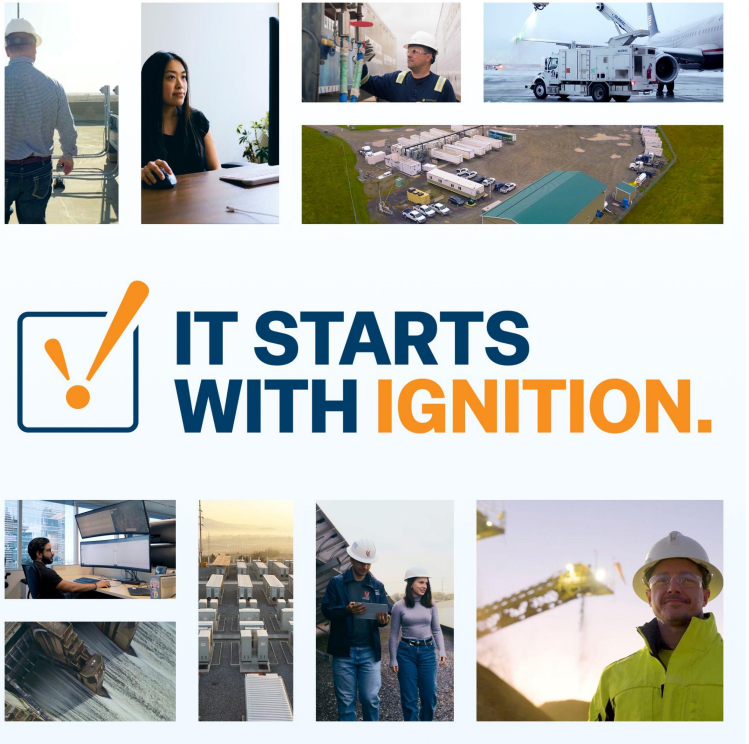




Introducing Ignition

The Unlimited Platform for Enterprise Integration, Industrial Applications, and More:

- One central hub for the plant floor and beyond
- Web-deploy to desktops, industrial displays & mobile devices
- Unlimited licensing
- Cross-platform compatibility
- Industrial-strength security & stability
- Build any kind of industrial application



Challenge: Developing on Production System

- Developing on your production system is risky
- Can cause performance problems or downtime
- Difficult to track what changes were made



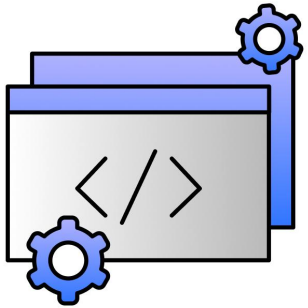
Production

Challenge: Separating Production from Development

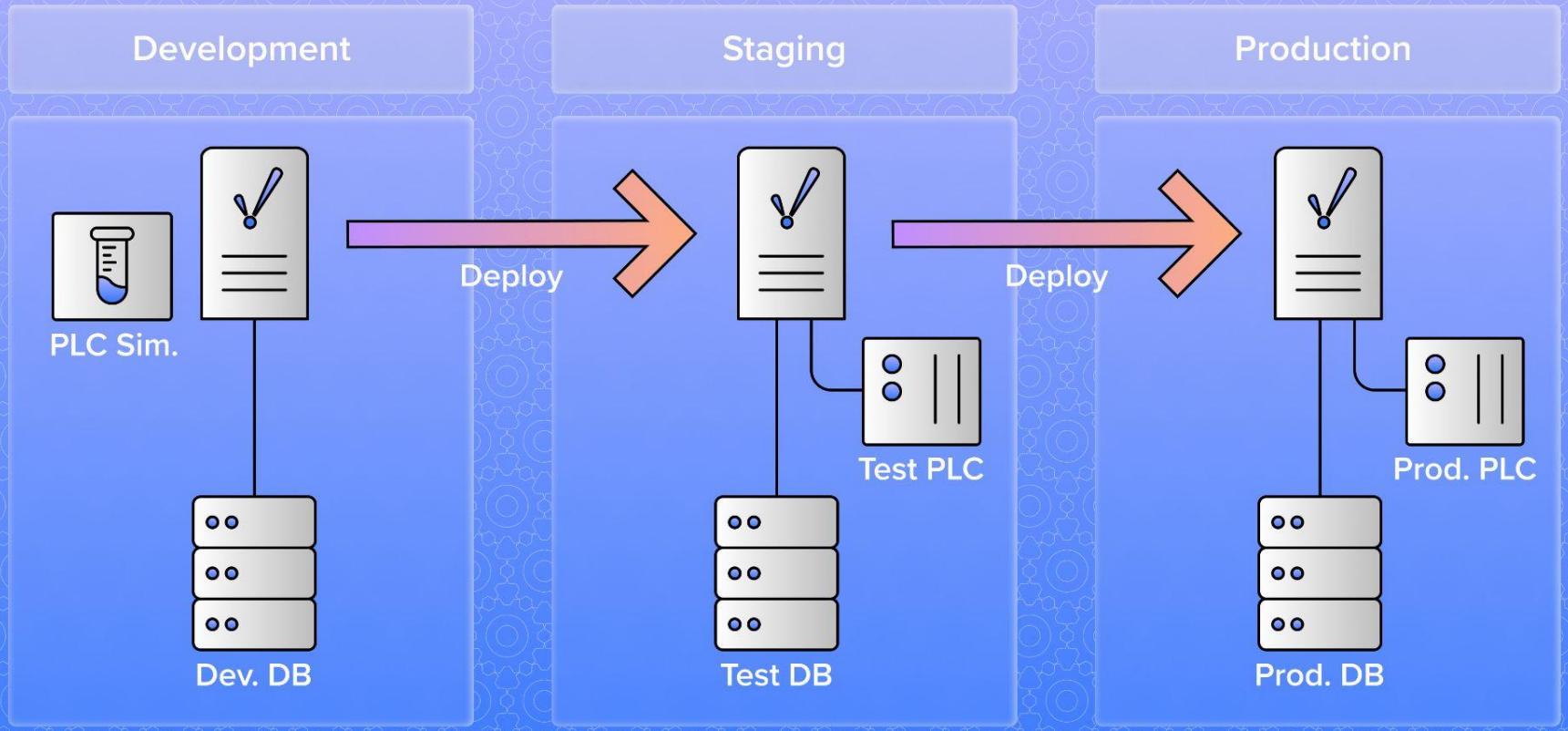
- Environments have differences, such as PLCs and databases
- Developers need to understand the differences
- Development configuration could accidentally bleed into production



Production



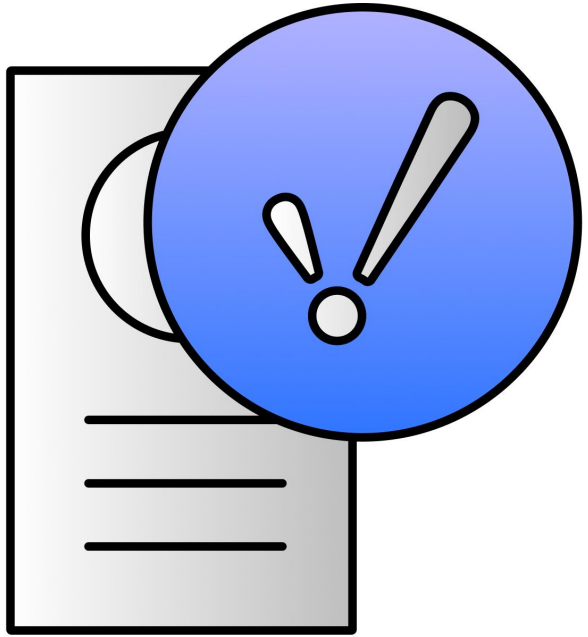
Development


Development
Staging
Production
PLC Sim.
Deploy
Deploy
Test PLC
Prod. PLC
Dev. DB
Test DB
Prod. DB

The Solution: Deployment Modes

A new feature that simplifies multi-environment setups:

- Gateway auto-adjusts config based on the deployment environment
- User defines the config differences for each environment

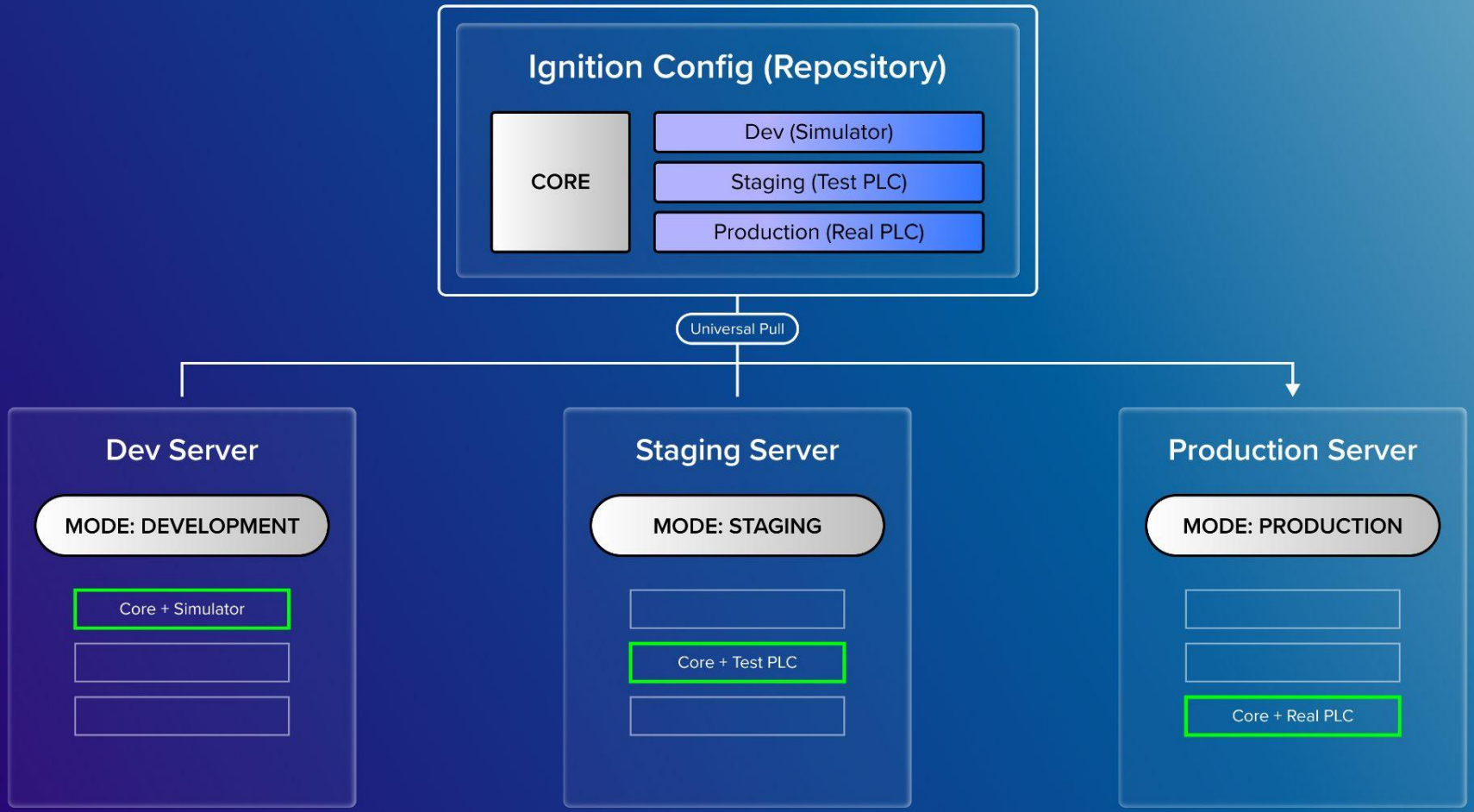


The Solution: Deployment Modes

A new feature that simplifies multi-environment setups:

- Gateway auto-adjusts config based on the deployment environment
- User defines the config differences for each environment
- Commit the entire config to a version control system like GitHub
- Gateway automatically uses correct, context-specific settings




Ignition Config (Repository)
CORE
Dev (Simulator)
Staging (Test PLC)
Production (Real PLC)
Universal Pull
Dev Server
MODE: DEVELOPMENT
Core + Simulator
Staging Server
MODE: STAGING
Core + Test PLC
Production Server
MODE: PRODUCTION
Core + Real PLC

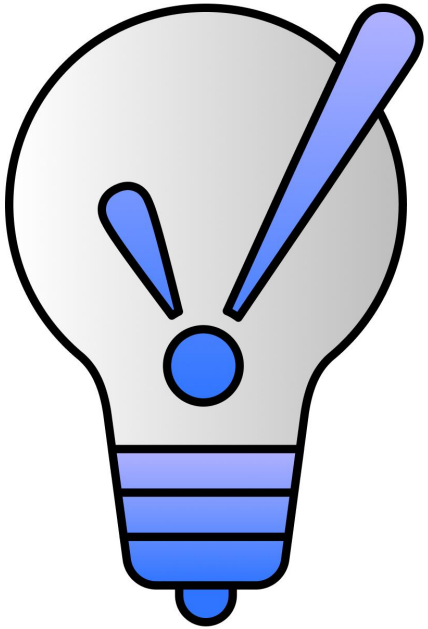
Demo



Build, Test, and Deploy With Confidence

Quick Takeaways:

- Use context-specific settings automatically
- Commit the entire configuration to a version control system
- Pull configuration to each environment safely
- Learn more about Deployment Modes in the User Manual and Inductive University





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



Register at icc.inductiveautomation.com

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Questions & Answers

Ignition by inductive automation

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