PLANTFORMANCE CASE STUDY · MANAGED IGNITION

Managing 200+ Ignition servers in one click, 99% faster

Plantformance · Cross-industry

Configuring a fleet of 200+ Ignition servers one by one took too long and risked drift. Plantformance built an Ignition module that lets its orchestrator run changes on server groups in one click, cutting execution time by 99%.

99%
less configuration execution time

1 min
to configure 10 servers, down from 10 min each

200+
Ignition servers managed

THE PROBLEM

Plantformance manages a growing fleet of 200+ Ignition servers worldwide. Handling configurations, deployments, and data extraction by hand across that fleet took a lot of time. It also created a risk of configuration drift, where servers that should be identical slowly stop being identical. As the fleet kept growing, server-by-server administration was not going to keep up. Engineers needed one safe way to act on many servers.

HOW WE DID IT

Plantformance built an internal infrastructure automation solution around an Ignition module. The module acts as the remote arm of Plantformance's internal orchestrator. From the orchestrator, engineers run standardized configuration, deployment, and data-extraction tasks across selected groups of servers in one click. Strict security controls apply to every run. Instead of repeating the same steps on each server, one standardized task runs on the whole selected group at once, the same way every time.

BEFORE

Routine administration, configuration changes, and deployments ran server by server, at roughly 10 minutes per server.

AFTER

Engineers select target servers in the orchestrator and run deployments, updates, or diagnostics across the whole fleet at the same time, with strict security controls.

RESULTS

- Configuration execution time cut by 99%
- From 10 minutes per server to 1 minute for 10 servers
- Reliable, consistent management of 200+ servers
- Standardized tasks reduce the risk of configuration drift

Plantformance products and services: FactoryBrain

PLANT FORMANCE

NEXT STEP

Planning a project like this?

Talk to an Ignition engineer about your sites, timeline and architecture. We will tell you honestly what it takes.

Contact Plantformance

Read this case online and see more Ignition projects: plantformance.com/case-studies/one-click-ignition-fleet-management · all case studies

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Plantformance is an Inductive Automation Alliance Partner that helps enterprises deploy, secure, and scale Ignition across sites through plug-and-play modules, turnkey zero-maintenance HMI hardware, and 24/7 managed infrastructure.

plantformance.com
info@plantformance.com
Ennetbaden, Switzerland