PLANTFORMANCE CASE STUDY · MIGRATION AND CARVE-OUT

100+ factories upgraded to Ignition 8.3, down to 12 minutes per factory

A multi-site manufacturing group · Multiple industries

A manufacturing group ran thousands of Ignition applications on 8.1.x across more than 100 factories. Plantformance automated the move to Ignition 8.3, reaching about 12 minutes per factory with a 96% success rate.

100+
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to migrate one factory

96%
migration success rate

THE PROBLEM

More than 100 factories ran Ignition 8.1.x, with thousands of Ignition applications ranging from monitoring to SCADA, including complex multi-site solutions. Then Ignition 8.3 came out. It brought the next-step architecture for the future, but it also made the upgrade harder. Every site had a different mix of applications, modules and interfaces, so a manual, site-by-site upgrade would have been slow and risky.

HOW WE DID IT

Plantformance built a purpose-built monitoring tool that checked every day how ready each Ignition server was for the move to 8.3. We prepared a summary per factory so the client had a precise to-do list for each site, and we sent a standard weekly report. Next, we built an automation tool that handled 99% of the migration. We then migrated sites one by one, starting with the easiest and moving to the most complex. By the end, migrating one factory took about 12 minutes, with a 96% success rate.

BEFORE

A very complex landscape, with Ignition applications, modules, solutions, interfaces and devices that differed from site to site.

AFTER

All factories were migrated to Ignition 8.3, except two special cases that need a local application rewrite.

RESULTS

- The entire fleet of Ignition servers moved to the latest Ignition version
- About 12 minutes to migrate one factory by the end of the program, with a 96% success rate
- 99% of the migration automated
- The client uses the latest from Inductive Automation instead of staying tied to a legacy landscape for years

Plantformance products and services: Professional Services

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/ignition-8-3-fleet-upgrade · all case studies

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.

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