PLANTFORMANCE CASE STUDY · MANAGED IGNITION

18 factories keep running locally while a cloud ERP syncs in the background

A multi-site manufacturer · Manufacturing

A multi-site manufacturer moved to a new cloud ERP across 18 factories. Plantformance rolled out on-premises Ignition so operators run fully local, whatever happens to the cloud or the network.

18
factories rolled out in 14 months

100%
of operations run locally

THE PROBLEM

The business chose a new ERP and went through a major transformation across 18+ factories. The ERP came with an Ignition-connected application that ran only in the cloud. That worked on paper, but it gave no guarantee of operations for local staff in plants that run around the clock. Maintenance windows, network problems or a cloud outage could stop the shop floor. The client wanted a firm guarantee: each factory must be able to keep operating locally, no matter what happens in the cloud or on the network.

HOW WE DID IT

Plantformance built a dedicated container that runs all the plumbing the ERP requires, close to the line. We then designed a repeatable rollout method for connecting each site to the cloud. With that method in place, we rolled out Ignition to 18+ sites, each on a Plantformance FactoryBrain server running the purpose-built container. Operators work against the local system. Synchronization with the cloud ERP and updates run in the background, so a cloud or network incident no longer reaches the operator's screen.

BEFORE

The Ignition MES application connected to the ERP ran only in the cloud. It was exposed to maintenance downtime, network issues and cloud availability problems.

AFTER

Operators now work 100% locally while all synchronization and updates happen in the background. The factory cannot even tell whether the cloud ERP is connected.

RESULTS

- 18 factories rolled out in 14 months
- Production orders flow in the background
- Plants keep operating locally through cloud or network incidents

Plantformance products and services: FactoryBrain, 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/local-ignition-with-cloud-erp · 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.

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