PLANTFORMANCE CASE STUDY · MANAGED IGNITION

3,000+ Ignition projects hosted for 8 years with zero data loss

Saint-Gobain · Cross-industry

For Saint-Gobain, Plantformance standardized FactoryBrain edge servers and centralized hosting with continuous telemetry, multi-tier backups and KPI tracking. The result: 3,000+ Ignition projects and multiple petabytes of data hosted over 8 years with zero data loss.

3,000+
Ignition projects hosted

8 yrs
consecutive years of hosting

Zero
data loss

THE PROBLEM

Saint-Gobain needed proven long-term reliability and scale before trusting thousands of mission-critical Ignition applications to a managed service partner. The stakes included multi-petabyte operational databases spread across many factories. At that size, every weak point multiplies. A partner has to show that data stays intact, history is never lost, and operations stay stable, not for a few months but across many years of running factory systems.

HOW WE DID IT

Plantformance engineered standardized FactoryBrain edge servers alongside centralized hosting infrastructure. Every factory application and database is covered by continuous telemetry, so its health is always visible. Automated multi-tier backups protect configurations and data. Strict operational KPI tracking runs across every application and database, giving a measurable record of reliability instead of assumptions. Standardizing the edge servers keeps thousands of deployments consistent and manageable, so the same checks and backups apply everywhere over the long term.

BEFORE

Scaling to thousands of distributed factory projects and databases created a high risk of data corruption, lost history and unverified reliability over multi-year lifecycles.

AFTER

Thousands of Ignition applications and databases run continuously with full data integrity, real-time KPI visibility and verified long-term stability.

RESULTS

- 3,000+ Ignition projects hosted
- Multiple petabytes of industrial data under management
- 8 consecutive years of hosting
- Zero data loss over the full period

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/ignition-project-hosting-zero-data-loss · 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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