PLANTFORMANCE CASE STUDY · HMI

One Ignition Vision template for consistent UI and two-way SAP across plants

Saint-Gobain Abrasives · Multiple industries

Plantformance built Skeleton, a standard Ignition Vision master template for Saint-Gobain Abrasives, so every new plant application ships with the same compliant interface and a ready-made two-way SAP ERP integration.

100%

UI consistency across sites

THE PROBLEM

Saint-Gobain Abrasives needed several Ignition Vision applications for its plants. Building each one separately created two risks. The user interfaces could drift apart, with buttons, colors and components looking and behaving differently from site to site. And every project needed its own custom integration with the SAP ERP system, which was repetitive work and easy to get wrong. The more applications were added, the more those inconsistencies and integration errors would multiply.

HOW WE DID IT

Plantformance created Skeleton, a standardized Ignition Vision master template. It implements the client's strict visual and UX rules: buttons, colors and component standards are defined once and reused everywhere. Alongside the UI layer, the template includes a reusable, standardized bidirectional integration layer for SAP ERP. Each new application starts from Skeleton instead of a blank project. Developers focus on the functions a site actually needs, while the look and feel and the production data exchange with SAP are already in place.

BEFORE

Every new Vision application required recreating UI components from scratch and building custom data-exchange logic to talk to the client's SAP ERP systems.

AFTER

New applications derived from the Skeleton template share an identical, compliant UI and exchange production data with SAP through a two-way interface out of the box.

RESULTS

- Much faster development when building multiple applications
- 100% UI consistency enforced across sites
- Standardized two-way SAP data exchange across abrasives manufacturing plants
- No more rebuilding UI components and ERP integration logic for each project

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

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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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