

IRIS Forge: Industrial applications in hours instead of months

Convert natural language prompts into production-grade industrial applications — leveraging IRIS Foundry's data connectivity and contextualization, with enterprise-grade security and control.

❗ The problem

Industrial teams need to digitize fast, but traditional app development creates bottlenecks. Backlogs delay improvements, custom builds add cost and complexity, and scaling across sites is hard.



Development backlogs slow essential improvements.



Custom solutions raise cost and complexity.



Scaling across the enterprise is difficult.

✅ The answer

IRIS Forge turns natural-language prompts into production-grade industrial applications — using IRIS Foundry connectivity and context so you can build and deploy quickly with enterprise-grade security and control.



Start fast with pre-built apps and customizable templates.



Build industry-specific solutions in hours using natural language prompts



Design once, deploy across sites with governance and local configuration support

Outcomes at a glance

80–90%

lower development costs

5–10X

faster time to deploy

50–90%

reduced maintenance costs

Industrial apps, accelerated

Leverage your operational expertise to create production-ready applications in a single integrated workspace.

The IRIS Forge advantage

Build apps fast on your plant data. Secure, governed deployment anywhere.

How it works



Build from plain language: Transform natural language into working applications using autonomous, generative AI aligned to operational requirements and manufacturing best practices.



Use plant context automatically: Leverage IRIS Foundry's understanding of your data, workflows, and systems so applications are contextually aware.



Deploy with confidence: Use built-in security frameworks, role-based access, and audit logging; deploy across cloud, on-premises, or hybrid with one-click deployment.



Extend as needed: Connect to IDE/dev tools via integrations (including Visual Studio Code extension and tunneling) and create solutions using any programming language.

Platform components



IRIS Forge: Converts natural language prompts into production-grade industrial applications using pre-built apps, customizable templates, or efficient creation of new solutions.



IRIS Foundry: Provides the data connectivity and contextualization that Forge builds on to deliver enterprise-grade security and control.

What analysts are saying



SymphonyAI's IRIS Foundry – along its no-code app generator – makes its machine learning (ML) model development and training market-leading, by compressing the build-validate-deploy loop into a governed, repeatable workflow

Henry Kirkman

Principal Analyst and lead author of the Verdantix, Green Quadrant: Industrial AI Analytics Software, 2025

What's at risk if you wait?

When apps take months, the backlog becomes the bottleneck. Forge is built to cut that cycle — waiting keeps improvements on hold.

[Learn more](#)