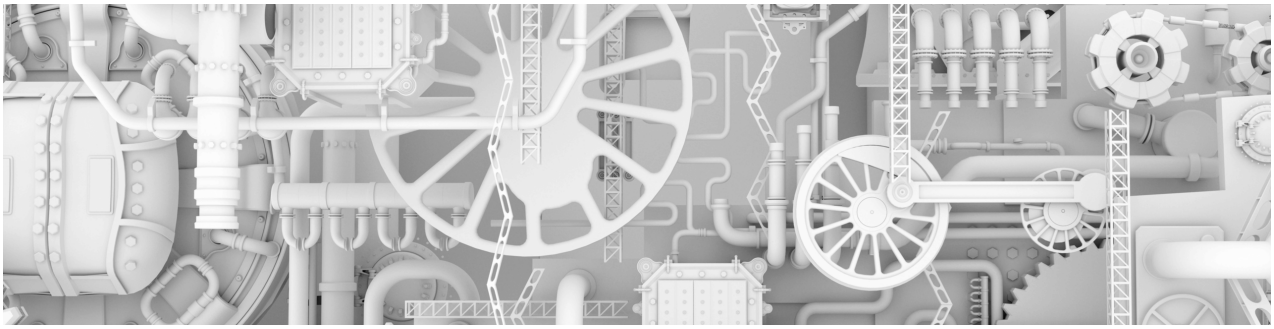

AI-Forge

AI-FORGE BUILDS THE FIRST NO-CODE DIGITAL TWIN PLATFORM THAT COMBINES AI, PHYSICS, AND AGENTIC AUTOMATION TO TURN INDUSTRIAL DATA INTO ACTIONABLE INSIGHTS.

At AI-Forge, we are transforming how industrial companies build and use Digital Twins. We are developing Twin Factory, a no-code Digital Twin platform that combines Artificial Intelligence, physics-based models, and agentic automation to turn industrial data into actionable engineering decisions. Instead of relying on data scientists or lengthy software projects, engineers can simply connect their data and interact with the platform through a visual interface or natural language chat. Twin Factory automatically discovers relevant data, harmonizes sensor streams, engineers features, trains models, detects anomalies, predicts failures, identifies root causes, and generates dashboards.



Our first focus is on three core capabilities: automated data analytics, anomaly detection for system monitoring, and failure prediction for troubleshooting. Unlike conventional black-box AI solutions, Twin Factory combines machine learning with physical system knowledge and human oversight, creating transparent and trustworthy insights. Our vision is to enable every engineer to build and operate advanced Digital Twins without coding, reducing downtime,

maintenance costs, and time-to-insight across industrial fleets and assets.

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