Predix: The Industrial Platform Advantage

GE built Predix, the platform for the Industrial Internet, to meet its own needs. Now, customers can leverage GE's experience and its ecosystem of partners, to focus on driving innovation by creating Industrial apps that turn real-time operational data into actionable insights and positive outcomes. Discover why Predix enables an industrial platform advantage, and how it provides a path toward digital industrial transformation.

INDUSTRIALGRADE

PREDIX — VS. — General Purpose

INTELLIGENCE

Proven outcomes
Leverage deep domain knowledge and experience in machine physics and material science, data, and analytics. Gain a complete view of asset health to predict issues (before failure).

Not focused on industry
Inability to capture the right data - or data arrives without context. Consequently you cannot predict events based on the history of the asset.

SECURITY

Mitigate security risks
Multi-tenant "gated community" model ensures tenants belong to the industrial ecosystem with security embedded at every layer.

Open to compromise
Security breaches can do real damage to your brand and your business. You carry the burden of policing your data from the edge to the cloud.

GOVERNANCE

Improve data governance
Data governance and privacy for regulated and highly-conservative industries provides a high level of assurance.

Data at risk
Do you ensure the integrity, security and availability of your data? Do you have the procedures and people in place to do business anywhere?

LEADERSHIP

Global, open standards
Founding member of Industrial Internet Consortium (IIC) developing use cases, sharing best practices and reference architectures.

Proprietary
Upgrading assets to adopt standards leads to increased integration costs, limits innovation, and reduces time to market.

ECOSYSTEM

Broad developer ecosystem
Expand capabilities and share GE best practices by leveraging the marketplace for off-the-shelf services and applications.

Limited potential
Limited to your existing in-house capabilities. Cannot leverage outside work easily as it requires extensive on-boarding.

PLATFORM

The Predix platform offers a complete suite of integrated services that are optimized to enable businesses to quickly build operational and business applications. Independent third parties can also build apps and services on the platform, allowing businesses to extend capabilities easily by tapping into the industrial ecosystem. See why Predix is the platform of choice for any business considering its own digital industrial transformation.

PREDIX — VS. — Custom Built

TIME

Agile and continuous
Shorten time to value using a continuous delivery process to build apps and to roll out new capabilities as your service evolves.

Slow and monolithic
Turning ideas into a product-ready feature takes months, or longer, creating competitive disadvantage.

COSTS

Standardized and predictable
Reduce project and cost overruns using a pre-built services architecture with common tools and processes.

Unpredictable, fragmented
Rising costs due to retraining developers and/or manage additional vendors. Processes cannot be reused elsewhere, making release management inconsistent

OPTIMIZATION

Optimized for industrial workloads
Handle critical industrial assets that generate enormous amounts of different types of data at high velocity.

General purpose
Managing extraordinary amounts of industrial-generated data, such as a single flight generating an average of 1 Terabyte of data. What would it cost to store, process, and analyze it all?

FUTURE PROOF

Expands to meet needs
Future-proof initial investments. Start small then grow predictably. Leverage work and reuse best practices elsewhere.

Limits growth and ROI
Adding new products or customize existing platforms to build additional capabilities.

INNOVATION

Differentiated services
Focus corporate resources and intellectual property on innovation inside and outside the company.

Uncompetitive
Cannot address new markets/improve the customer experience as resources are focused on DIY/plumbing.

Imagine the costs of building an industrial cloud platform from scratch. Are those core competencies ones that you really want to invest in?

Predix, the right choice for Industrial Internet of Things innovation.

Discover More at
http://www.predix.com/get-started