

# Learn fast, act faster at enterprise scale with TwinThread



TwinThread's **Predictive Operations Center** is a fully-managed SaaS solution built on Azure, which gives industrial companies a comprehensive enterprise-wide strategy for both predictive operations and predictive maintenance in a single cloud-based platform with **no software to install** and **no hardware to maintain**. Process engineers and operators can apply AI and machine learning solutions **in days and at scale** using TwinThread's pre-built industrial templates addressing 25+ specific use cases.

## WHAT WE OFFER



### GET CONNECTED

TwinThread's hundreds of pre-built and out of the box data agents connect quickly, easily, and automatically to all types of industrial data sources including data historians, PLCs, OPC, maintenance databases, and IoT devices in a secure, frictionless flow.

Within hours, industrial customers can ingest decades of maintenance and operations data into TwinThread's **Predictive Operations Center** platform.



### GET VISIBILITY

TwinThread's **Digital Twins** deliver unparalleled visibility to all aspects of industrial assets and operations. The Digital Twin also provides the structure to automate machine learning across all assets, production lines and plants.

The power of Azure combined with the Digital Twin's scalable asset hierarchy and machine learning solve the toughest operations and maintenance problems.



### GET INSIGHT

TwinThread's proprietary **Model Factory** automates the production of industrial machine learning models to accelerate insights globally and empower domain experts to solve and prevent issues everywhere.

The Model Factory is a digital assembly line that automatically propagates personalized and actionable analytics across thousands of different industrial assets and production lines from a single template.



### TAKE ACTIONS

TwinThread's Digital Twins tie together the insights and actions to systematically automate critical processes, drive improvements universally, and deliver multi-millions in business value.

**Domain experts can design steps to solve problems and automate processes in a single, no-code flowchart environment built for all industrial contexts.**

## WHAT OUR CUSTOMERS ARE SAYING

*"Prior to TwinThread supporting us, we were bogged down in trying to access our data streams and overwhelmed by the volume of data. Our ability to build threads and conduct real-time data analysis of plant operations has reduced our **operationalized decision-making time from weeks to less than a day**. This allows us avoid unnecessary plan shutdowns and optimize our available resources in a rapidly changing environment."*

– Brendan Robinson, Partner, Environmental Resources Management (ERM)

## LEARN MORE

### TwinThread

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# Microsoft Azure

Microsoft Azure is an ever-expanding set of cloud computing services to help your organization meet its business challenges. With Azure, your business or organization has the freedom to build, manage, and deploy applications on a massive, global network using your preferred tools and frameworks.

## WHY AZURE



### **BE FUTURE-READY**

Continuous innovation from Microsoft supports your development today, and your product visions for tomorrow. With 1000+ new capabilities in the past year, you can build on the latest advancements in AI, blockchain, Kubernetes, containers, and databases to keep you ahead of the curve.

Our enterprise grade analytics solution outperforms the competition, costs less, and is fully compatible with your existing development, BI, and data science tools.



### **BUILD ON YOUR TERMS**

You have choices. With a commitment to open source and support for all languages and frameworks, build and deploy how you want to. Take advantage of the full-featured, integrated development environments with built-in support Visual Studio and Visual Studio Code, the most popular IDEs trusted by 15M+ developers.

We embrace open source, drive innovation through collaboration, and contribute back to the community.



### **OPERATE HYBRID SEAMLESSLY**

On-premises, in the cloud, and at the edge—we'll meet you where you are. Integrate and manage your environments with tools and services designed for hybrid cloud.

Enhance security, simplify access, and set smart policies across your different environments with a single identity platform trusted by 90% of enterprises globally.



### **TRUST YOUR CLOUD**

Get security from the ground up, backed by a team of experts, and proactive compliance trusted by enterprises, governments, and startups.

With a \$1B+ investment in security R&D and 3,500 cyber security experts, security is foundational for Azure.