TWINTHREAD

BUILDER OF HYPERSCALE AND CLOUD DATA CENTERS APPLIES DIGITAL TWINS AND INDUSTRIAL AI TO IMPROVE ASSET PERFORMANCE

HIGH GROWTH IN DATA CENTER INDUSTRY REQUIRES NEW MODELS TO DELIVER CAPACITY AND SERVICE

INITIATIVE

Data center "capacity as a service"

PRODUCT / SERVICE

Data center monitoring and service

PROCESS / EQUIPMENT TYPE

Mechanical electrical plant

HOSTING MODEL

IaaS, Partner Hosted

OPERATIONALIZED FUNCTIONS

- Engineering Function
- Operations Function
- Enterprise Function

PROJECT TYPE
Rollout

IMPLEMENTATION TYPE
Turnkey

PROJECT RESOURCES
OEM Partner

SCOPE
Many sites

IMPACTED WORK PROCESSES

- Automation - Connection to Internal Models and Alarm Management System

- Engineering Function - Anomaly Detection

- Operations Function - Monitoring Equipment Health, Alarm Escalation Work Processes

- Enterprise Function - Service Work Processes

SOLUTION

Virtual Operations Center manages monitoring rules and advanced warning alerts from models indicating abnormal or unstable conditions and facilitates alarm escalation and service work processes

SOLUTION COMPONENTS

- Asset Anomaly Detection Models
- Digital Threads
- Digital Twins
- Cloud Agent

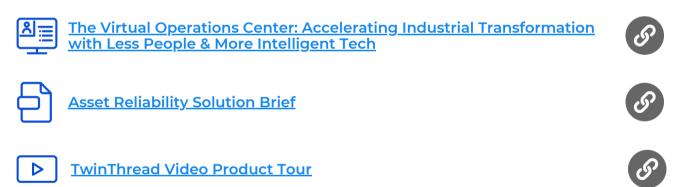## INTEGRATED WITH

- OPC DA, UA and Weather Data Sources

TWINTHREAD

VALUE ATTAINED

Increased Asset Reliability

Decreased Troubleshooting Time

Improved Technician Utilization and Efficiency

ADDITIONAL RESOURCES

[The Virtual Operations Center: Accelerating Industrial Transformation with Less People & More Intelligent Tech](#)

[Asset Reliability Solution Brief](#)

[TwinThread Video Product Tour](#)

TWINTHREAD

TwinThread, Inc.
www.twinthread.com
1-434-218-7856
info@twinthread.com