

GLOBAL PROVIDER OF OIL AND GAS IMPLEMENTS ADVANCED MONITORING TO MAXIMIZE ASSET LIFE, UPTIME, AND FLEET UTILIZATION

HEAVY INDUSTRIAL EQUIPMENT OPTIMIZATION



INITIATIVE

Increase Fleet Performance and Efficiency, Develop Better Line of Sight, and Elevate Asset Utilization



PRODUCT / SERVICE

Fracking



PROCESS / EQUIPMENT TYPE

Industrial Pump Equipment



HOSTING MODEL

SaaS, TwinThread Hosted



OPERATIONALIZED FUNCTIONS

- Engineering Function
- Operations Function
- Enterprise Function



PROJECT TYPE

Rollout



IMPLEMENTATION TYPE

Self-Implemented



PROJECT RESOURCES

TwinThread



SCOPE

Multiple Sites & Up to Hundreds of Connected Equipment



IMPACTED WORK PROCESSES

- Operations - Asset Health Monitoring, Fleet Optimization Work Processes, and Alarm Escalation Work Processes
- Engineering - Anomaly Detection Work Processes
- Enterprise - Servicing/Maintenance Work Processes



SOLUTION

Operators leveraged model-driven analytics, monitoring, and advanced warnings to achieve faster time to repair, longer equipment consumable life, and optimized fleet utilization. While their Operations Team evolved towards a Virtual Operations Center, TwinThread was used exclusively as a dashboard and trending tool in some cases.



SOLUTION COMPONENTS

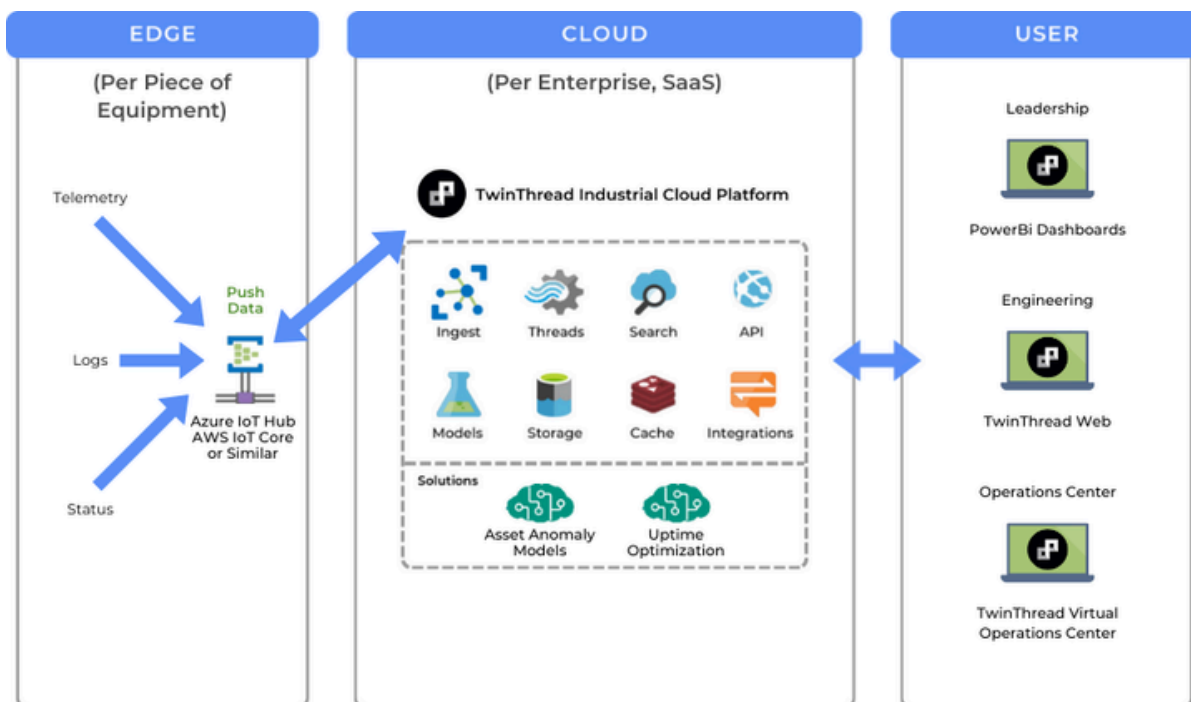
- Asset Anomaly Detection Models
- Uptime Optimization
- Digital Threads
- Digital Twins
- Cloud Agents



INTEGRATED WITH

- Internal Data Hub

ARCHITECTURE





VALUE ATTAINED

Boosted Fleet Productivity, Efficiency, Operability, and Predictive Maintenance Accuracy and Timing

Lower Cost of Production

Higher Rate of Fleet Utilization and Longer Asset Lifespan



RETURN ON INVESTMENT

100%+

ADDITIONAL RESOURCES



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



[Uptime Optimization Solution Brief](#)



[TwinThread Video Product Tour](#)



TWINTHREAD

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