TWINTHREAD

GLOBAL MANUFACTURER OF CONSUMER BRANDS APPLIES DIGITAL TWINS AND INDUSTRIAL AI TO MEET SUSTAINABILITY COMMITMENTS

ENTERPRISE INITIATIVE TO MEET SUSTAINABILITY COMMITMENTS

INITIATIVE

Reduce Energy Intensity

PRODUCT / SERVICE

Lconsumer products

PROCESS / EQUIPMENT TYPE

Chillers, Compressors, Boilers, Making Processes, Packaging Processes

HOSTING MODEL

SaaS, TwinThread Hosted, Dedicated Subcription

OPERATIONALIZED FUNCTIONS

- Engineering Function
- Operations Function
- Enterprise Function

PROJECT TYPE

Rollout

IMPLEMENTATION TYPE

Self-Implemented

PROJECT RESOURCES

N/A

SCOPE

Business Unit, Many Sites

IMPACTED WORK PROCESSES

- Engineering - Process Monitoring and Troubleshooting
- Operations - Daily Direction Setting Work Processes
- Periodic Performace Audit Work Processes
- Enterprise - Sustainability Reporting Automation

SOLUTION

Recommendations for energy savings are integrated with various work processes. Curated energy data is shared with corporate data lake for sustainability reporting and other enterprise initiatives.
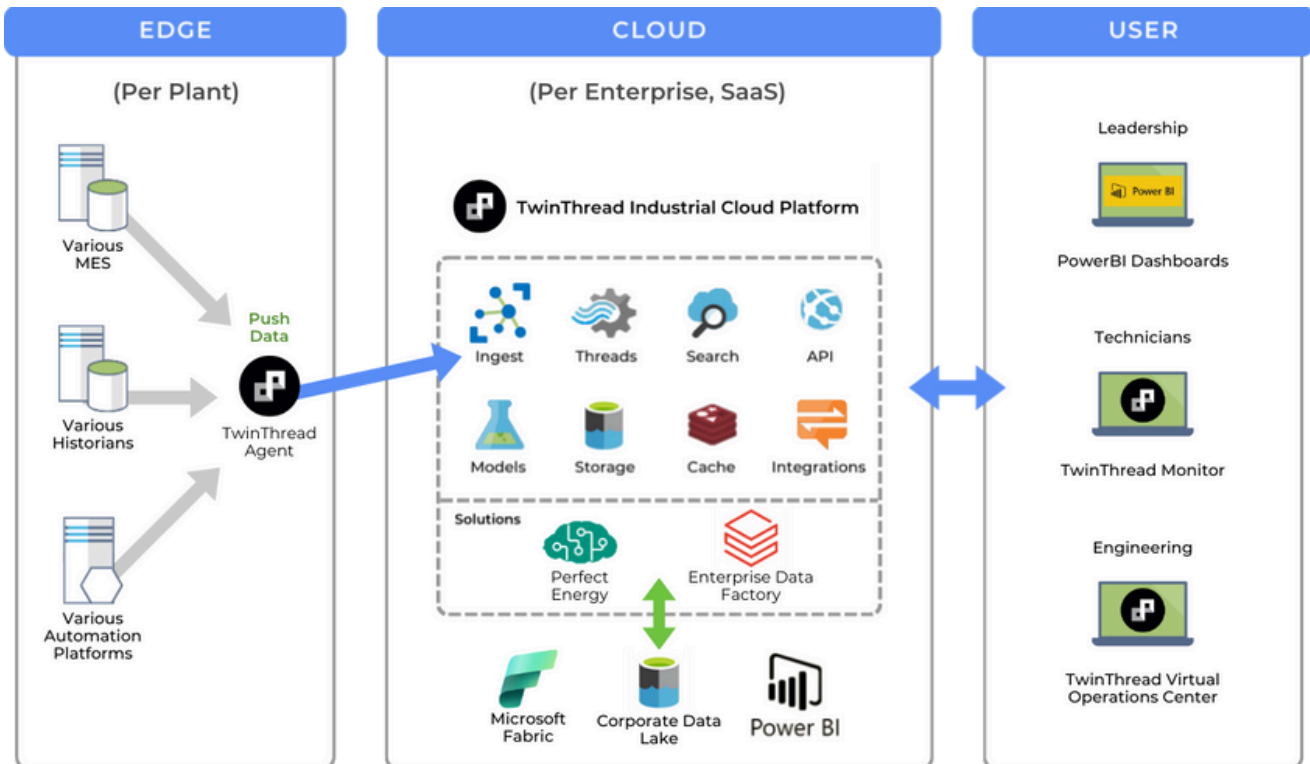
SOLUTION COMPONENTS

- Perfect Energy Solution
- Digital Threads
- Cloud Agents
- Enterprise Data Factory
- Digital Twins
- Edge Agents

INTEGRATED WITH

- Various Historians
- Various MES Systems
- Corporate Data Lake (Azure Data Lake, Databricks)

ARCHITECTURE

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VALUE ATTAINED

Meeting sustainabiity commitments

Reduced energy costs

ADDITIONAL RESOURCES

[Perfect Energy Solution](#)

[Video Product Tour](#)

[Mitigating the Industrial Energy Crisis](#)

TWINTHREAD

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