MANUFACTURER OF PACKAGING AND FOOD SERVICE PRODUCTS APPLIES DIGITAL TWINS AND INDUSTRIAL AI TO INCREASE EFFICIENCY

AIMED TO EMPOWER LESS EXPERIENCED OPERATIONS TEAMS TO IMPROVE PERFORMANCE

INITIATIVE
Improve Process Stability, Reduce Material Losses, Increase Throughput

PRODUCT / SERVICE
Plastic cups and packaging

PROCESS / EQUIPMENT TYPE
Extruders, thermoformers

HOSTING MODEL
SaaS, Customer Hosted

OPERATIONALIZED FUNCTIONS
- Engineering Function
- Operations Function

PROJECT TYPE
Pilot

IMPLEMENTATION TYPE
Assisted

PROJECT RESOURCES
Automation Partner

SCOPE
Single Plant, Multiple Lines

IMPACTED WORK PROCESSES

- Engineering - Centerline Development Work Processes
- Troubleshooting Work Processes
- Operations - Line Monitoring Work Processes
- Alarm Escalation Work Processes

SOLUTION

Recommendations for ideal process settings are integrated with various work processes.
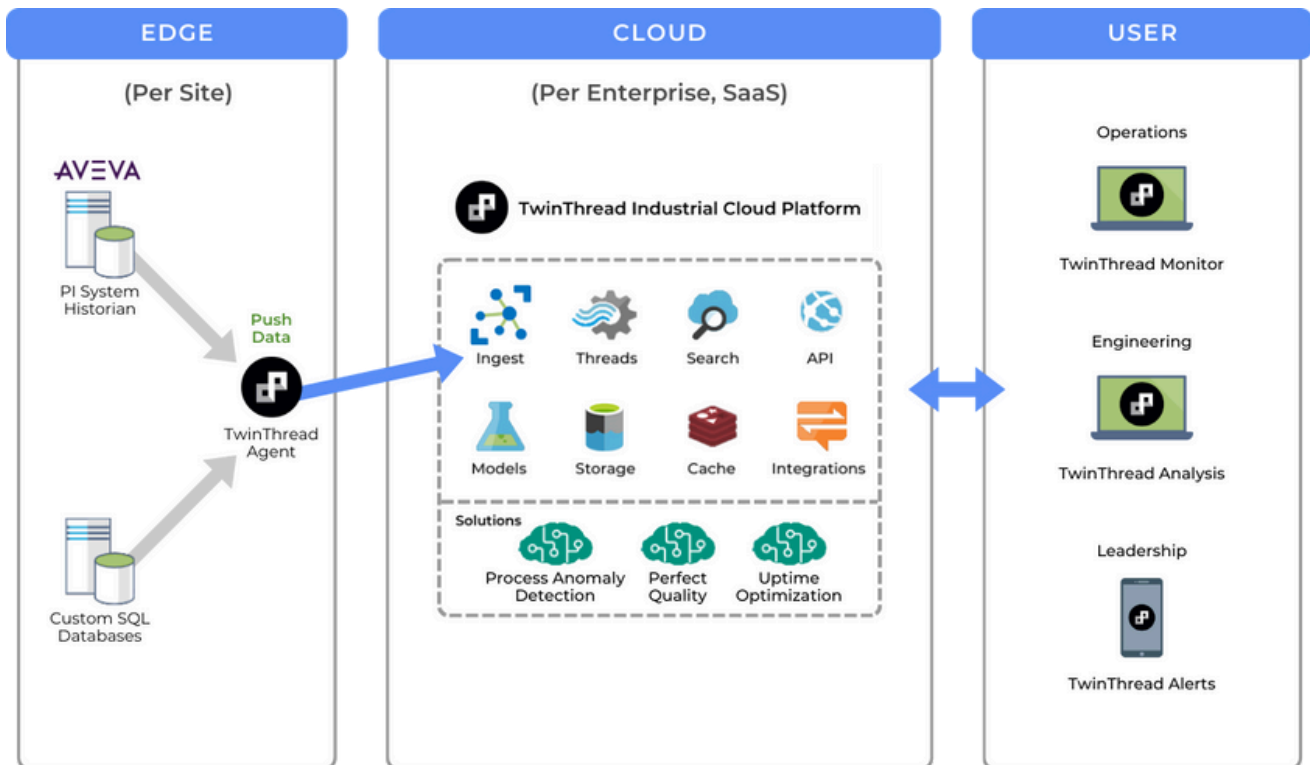
SOLUTION COMPONENTS

- Perfect Quality Solution
- Process Anomaly Models
- Digital Twins
- Uptime Optimization Solution
- Digital Threads
- Edge Agents

INTEGRATED WITH

- Aveva PI System

ARCHITECTURE

TWINTHREAD

VALUE ATTAINED

Reduced Material Losses

Increased Line Throughput

Reduced Troubleshooting Time

RETURN ON INVESTMENT

100%+

ADDITIONAL RESOURCES

Perfect Quality Solution

Uptime Optimization Solution

Perfect Quality: Applying AI To Optimize Processes In Real-Time

TWINTHREAD

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