TWINTHREAD

GLOBAL MANUFACTURER OF ORAL CARE PRODUCTS APPLIES DIGITAL TWINS AND INDUSTRIAL AI TO INCREASE CAPACITY AND YIELD

STRONG DEMAND FOR PRODUCTS REQUIRED ADDITIONAL CAPACITY

INITIATIVE

Increase Capacity, Reduce Material Losses, Improve Quality

PRODUCT / SERVICE

Oral care products

PROCESS / EQUIPMENT TYPE

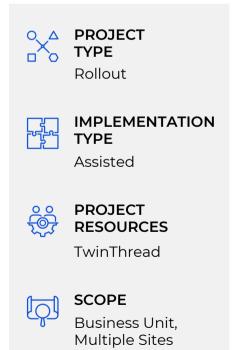Batch Making Processes, Continuous Making Processes, Packaging Processes

HOSTING MODEL

SaaS, TwinThread Hosted

OPERATIONALIZED FUNCTIONS

- Automation Function
- Engineering Function
- Operations Function
- Enterprise Function

PROJECT TYPE

Rollout

IMPLEMENTATION TYPE

Assisted

PROJECT RESOURCES

TwinThread

SCOPE

Business Unit, Multiple Sites

IMPACTED WORK PROCESSES

- Automation - Batch Release Work Processes
- Engineering - Anomaly and Non-Conformance Work Processes, Recipe Optimization Work Processes
- Operations - Yield and Performance Optimization Work Processes
- Enterprise - Recipe Development Work Processes

SOLUTION

Comprehensive Batch Optimization Solution integrated with key automation to engineering level work processes
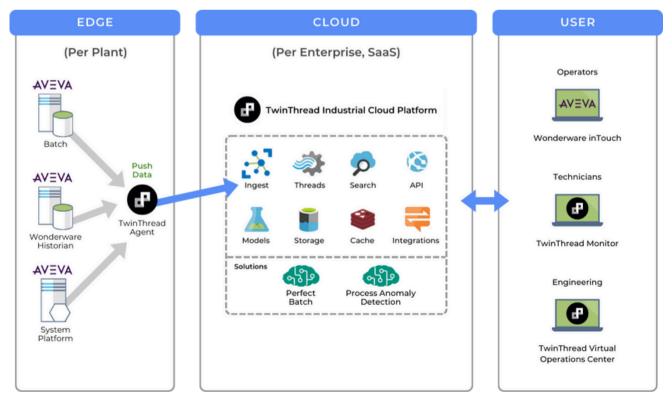
SOLUTION COMPONENTS

- Perfect Batch Solution
- Process Anomaly Models
- Digital Threads
- Digital Twins
- Edge Agents

INTEGRATED WITH

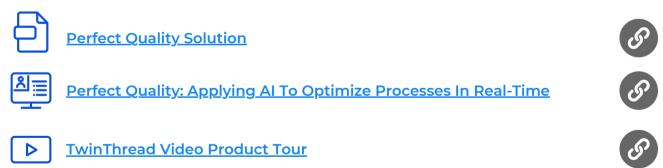- Aveva InBatch
- Wonderware Historian

ARCHITECTURE

TWINTHREAD

VALUE ATTAINED

Decreased Cycle Time

Increased Yield

Improved Quality

RETURN ON INVESTMENT

100%+

ADDITIONAL RESOURCES

[Perfect Quality Solution](#)

[Perfect Quality: Applying AI To Optimize Processes In Real-Time](#)

[TwinThread Video Product Tour](#)

TWINTHREAD

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