

CASE STUDY

Enhancing Data Management and System Upgrades for a Leading Engineering Firm

Client Profile

A leading engineering firm delivering design solutions for mechanical, electrical, plumbing, structural, and fire protection systems for manufacturing facilities.



ITHENA enabled the client to realize **significant cost savings, improved cloud management, and faster updates.**

CHALLENGES



The client struggled with:

- Lack of capability to reduce data ingestion of 300 GB per month across 600 equipment
- Inability to implement upgrades or advanced automation due to legacy SCPA (Smart Connected Product Accelerator)
- Unable to migrate 3 TB of existing data efficiently

SOLUTIONS



ITHENA addressed key challenges with effective solutions:

1

Optimized Data Ingestion

Reduced data ingestion from 300 GB to 25 GB per month, significantly enhancing operational efficiency

2

Seamless Upgrades

Modernized SCPA and ThingWorx, enabling faster and smoother upgrades to the latest versions

3

Efficient Data Migration

Migrated 3 TB of data with minimal disruption, ensuring maximum efficiency and smooth transition



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BENEFITS



40%

Reduction in
cloud cost

2.4K

USD Savings
achieved

32%

Faster
update rate

86%

Reduction in
writes per day