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.

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



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

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

BENEFITS

40%	700	32%	86%
Reduction in cloud cost	USD **Savings** achieved	**Faster** updation rate	**Reduction** in writes per day

marketing@ithena.ai

www.ithena.ai

4470 Cox Rd, #275
Glen Allen, VA 23060, USA