

ENHANCED WORKFLOW OF A PUBLIC COMPANY

for Life Science, Healthcare with BI



Services: Data & Intelligence, Analytics & Business Intelligence

OVERVIEW

- The customer maintains product warehouses at approximately 500 – 600 sites globally (R&D, manufacturing and clinical sites). The sites range in capacity from ~ 20 scientists at small sites to ~1,000 scientists at the larger sites.
- The customer supports the scientific and clinical research as well as manufacturing processes, therefore critical to be in stock so as not to hold up the critical research and/or supply chain.

CHALLENGES



Customer products support the scientific and clinical research as well as manufacturing processes, therefore critical to be in stock to not hold up the critical research and/or supply chain.



Currently customer stocks the warehouse by visiting multiple times in a day. The entire process is cumbersome and inefficient.

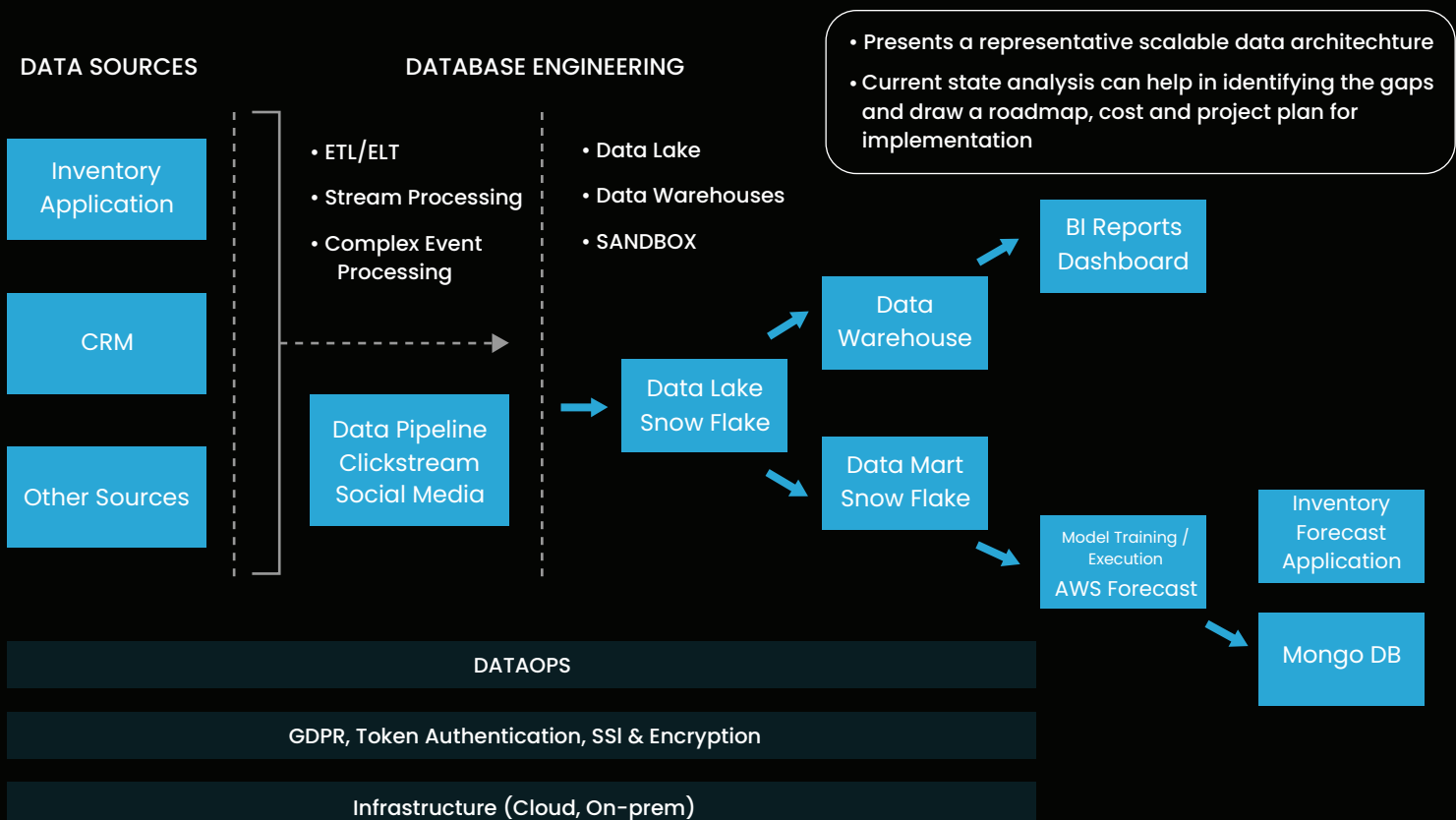


The cost is heavy by managing inventory without any futuristic predictions of daily consumptions.

SOLUTIONS

- ACL Digital built an AI/ML powered Supply Chain Optimized workflow.
- Our solution enabled the customer to
 - Improve Customer Service by minimizing stock outs and having products available for the scientists at each site when they need them.
 - Reduce costs and man hours and build efficiency by reducing the number of in-person site visits for replenishing stockroom items, to be accomplished through accurate predictions of product usage based on existing/legacy inventory data.

Data Architecture



BENEFITS

- › Able to predict > 70% accuracy for 15% of products for daily transactions.
- › Identify Fast, Medium and Slow – Moving products
- › Able to provide insights of products by Site, Point of Use

ACL Digital is a design-led Digital Experience, Product Innovation, Engineering and Enterprise IT offerings leader. From strategy, to design, implementation and management we help accelerate innovation and transform businesses. ACL Digital is a part of ALTEN group, a leader in technology consulting and engineering services.

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