MODERN DATA ESTATE FOR GLOBAL HORTICULTURE

PROBLEMS & OPPORTUNITIES

- Move enterprise reporting data, compute, storage, and consumption to the cloud.
- Scale up and secure data processing.
- Lay foundation for Data Science projects.
- Provide trending reporting crossing Legacy SAP and future SAP, supporting an active upgrade.

STRATEGIC SOLUTIONS

- Databricks Engineering Modules
- Power BI Dashboards
- ADF Data Orchestrations
- ADLS Data Lake
- Data Quality Scorecard
- Data OPS Dashboard

BUSINESS IMPACT

- Ability to process 100's of millions of records per hour.
- Near real-time reporting.
- 200+ BPI reports on day 1 of SAP upgrade.
- Dashboard that trend over legacy system and upgrade system data.
- Seamless integration with existing reporting platform.

NEXT GEN BIG DATA WITH AZURE, DATABRICKS, AND DELTA LIVE TABLES

PROBLEMS & OPPORTUNITIES

- Depreciating legacy systems.
- 89% of IT budget spent on maintaining legacy applications.
- Unscalable, siloed, on-premises data stores.
- Limited real-time analytics.
- Unstructured data warehouse with no analytics, no interrogation or reporting system, no documentation, and no domain knowledge.

STRATEGIC SOLUTIONS

- Implement Azure-based data ecosystem.
- Enable data science and advanced analytics with the Databricks Lakehouse platform.
- Improve velocity while executing business transformation, leveraging preview access to Databricks Delta Live Tables.

BUSINESS IMPACT

- Data science-driven system.
- Future scalability problems addressed.
- Query speed strengthened 10-100x.
- Foundational pattern to continue data migration and modernization.
- Reduced time to ingest and report on new sources from months to days.
- Capability to provide clients with relevant, data-backed advice and offerings.
- Access to fine-grained detail data in quantities suitable for predictive data science.