

Accelerate Cloud Adoption Using TVS Next Cloud Roadmap for Data & Analytics

Our client provides working capital solutions to small businesses in need of financing to sustain or grow their enterprise from \$5,000 to \$500,000 in as little as 72 hours from approval.



How Did It All Start

The client's data landscape was on-premise, had siloed environment with lack of good data governance and management. There was no data pipeline/ETL that can onboard new systems. Multiple business units require batch and real-time data analysis to be done on different systems and in different formats. But their existing data warehouse was unable to support these requests.

Excel was used for reporting and analytics and the analytics team took a long time to execute queries on the reports. Business units needed to wait weeks to months for new reports/analysis from analytics team and they had no ability to self-serve.

The client invited TVS Next to discover, assess and recommend a cloud strategy.

What Did We Do

TVS Next Intelligence advisory team put together a team of cloud architects and technology experts. We leveraged our Cloud Data and Analytics Platform Modernization (CDAPM) framework three stage strategy – Discover, Assess & Recommend, Migrate & Modernize, and Manage – quickly came up with a comprehensive roadmap and implementation plan.

Discover, Assess & Recommend

The team interviewed multiple stakeholders including C-Executives to determine the objectives, business and technology drivers, and transformation scope. They collected as-is state system performance, cost and identified critical success factor for modernization such as portability, optimization, operational efficiency, minimal disruption, better performance, reliability, security and 30+ different attributes.

TVS Next executed a proof of concept on the recommended target state architecture in Azure platform before the implementation to demonstrate and validate that the target platform addressed the technical and business drivers for the client and the benchmarks were validated.

Our team estimated the migration efforts, developed a implementation plan with high-level timelines and estimated a five-year TCO view. We held multiple discussions with key stakeholders to refine the plan before finalizing the roadmap.

At the end of this stage, we achieved:

- Empowering the client to embark on the cloud-first strategy with confidence
- Aligning the leadership on the long-term vision for smooth change management
- Creating a clear vision of expected costs and effort savings to assist in securing budgets

Migrate & Modernize

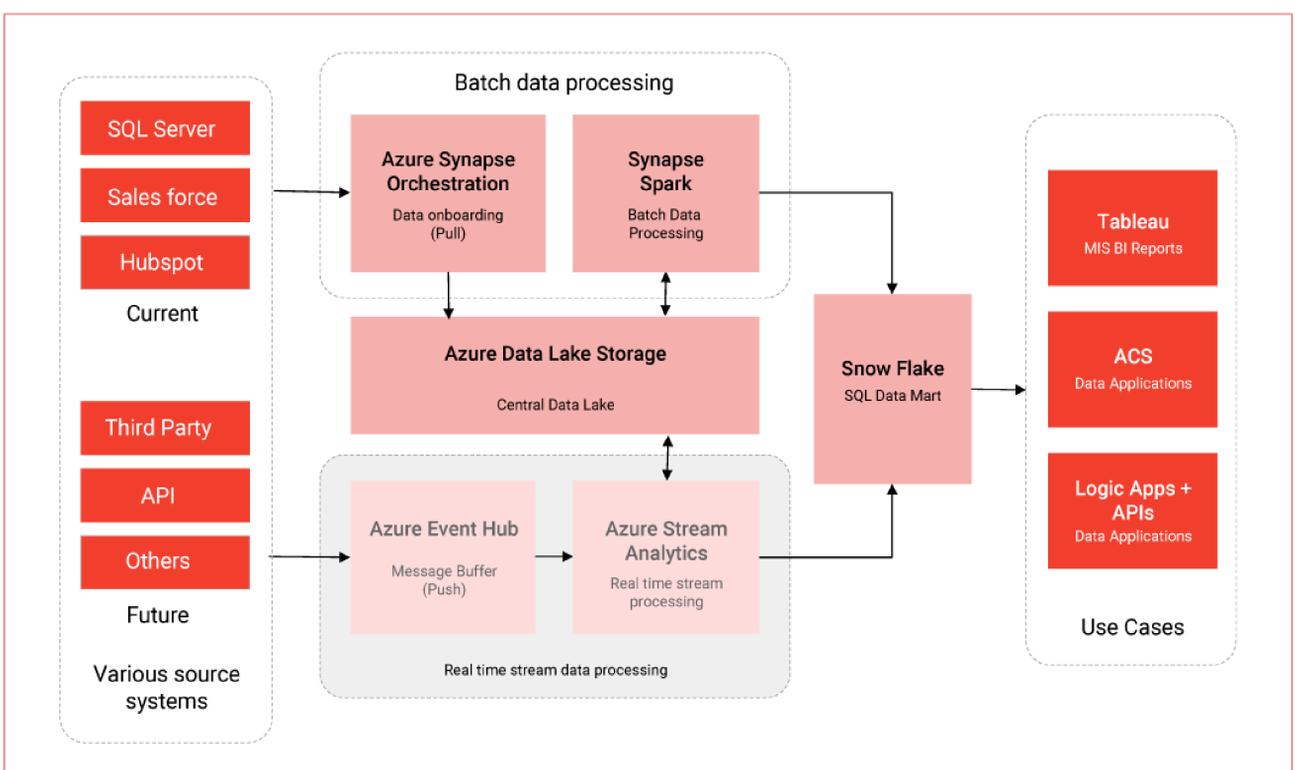
TVS Next worked with the client over a period of seven months to realize the roadmap. We migrated 500TB data of 10 different departments and from multiple external sources.

Manage

After the implementation, we helped the client by:

- Ensuring end-to-end functionality through series of automated testing covering all possible customers/user's journeys
- Implementing automated monitoring and alerts
- Conducting security and regulatory complaint audits
- Providing Infrastructure technical support and management

Architecture



The Business Outcome

The cloud modernization and implementation brought in many benefits to the customer such as:

Zero wait-time for business users as they can now self-serve their reporting requirements

35% improvement in data access and retrieval speeds

30% reduction in the time required to produce reports from Excel

68% data was now able to be put into consolidated analytics.