

CASE STUDY

Separating Two major IT Systems for fortune 500 American multinational automobile manufacturer

CONTEXT

Major Fortune 500 American Automobile maker sold one of their lines of Business. The underlying IT systems shared a common platform for several division of automobiles, both from Infrastructure and applications point of view.

PROBLEM

The IT systems had to be separated as part of the business sale. It involved clusters of enterprise class applications cutting across several portfolios and different technologies including Mainframe, distributed systems, Teradata, Peoplesoft and several custom developed tightly coupled systems. All the applications and the data had to be separated and cloned at the target infrastructure with optimized capacity, on-prem hosted.

SOLUTION

A customized 4 phase strategy was employed - Discover, Design, Implement, Accept.

The discover phase involved analyzing the as-is Data Centers, Networks, Applications, Data sources, etc. An exhaustive exercise of mapping the applications to Business functions (OSS & BSS) provided the needed inputs for a blueprint design. It had to be aided with very specific carved out specific separation requirements from Businesses. Dependency mapping of the applications involved multi-dimensional analysis

- Data Dependencies
- System dependencies
- Process dependencies
- Technical dependencies

Design of the Target ecosystem involved several objective and subjective analysis including rationalization of the applications, its business functions, impact on businesses, regulatory compliance requirements, scorecarding criticality, capacity planning, right-sizing the Infrastructure, etc.

Implementing and cutover involved a well thought out process implementing layer-wise productionizing with nearly zero impact on business operations at both enterprises.

AT A GLANCE

Challenges

- Highly diversified technology stack
- Tightly coupled systems
- Compliances involved several geographies
- Aggregating the systems of record with distributed source of truth

Benefits

- 100% success rate in building OSS and BSS functionality
- Zero Downtime during transition
- Over 65% infrastructure capacity efficiency achieved at the target enterprise



- 500+ Production Applications
- Multi-stakeholder management
- Multi-Vendor involvement
- Tighter timeline with legal deadlines
- Security and Regulatory compliances

NAVIKENZ