

Unlocking Business Value Through Data Modernization

In today's data-driven environment, organizations require robust and flexible data infrastructure to support efficient operations and informed decision-making. Two Roads recently partnered with an industry-leading transportation client facing limitations with their aging operational database.

INDUSTRY

Transportation

SERVICES

Data & Insights

Strategy & Planning

Technology Modernization

THE SITUATION

The client's aging operational database and integration patterns were slow, unreliable, and difficult to maintain. This resulted in:

- **Disrupted Operations:** System outages could halt critical business operations.
- **Data Vulnerability:** Aging infrastructure increases the risk of data loss events.
- **Limited Decision-Making Capabilities:** The inability to effectively analyze data hampered decision-making across the organization.

THE APPROACH

Our approach centered on creating a comprehensive roadmap and delivery plan for data modernization. This roadmap addressed the following key areas:

- **Value Alignment:** Two Roads collaborated with the client's operations teams to ensure the roadmap and new architecture aligned with current and future needs, including more robust reporting and advanced analytics capabilities.
- **Landscape Assessment:** Conducted a comprehensive inventory of data consumers and their needs, forming the foundation for data source pairing during migration. The inventory included both technical application consumers and downstream analytics consumers across all enterprise platforms.
- **Phased Implementation:** Defined an incremental approach that minimized risks and ensured a smooth transition, mitigating disruption to ongoing operations, while enabling the program to deliver value to the business earlier in the timeline.
- **Migration Planning:** Guided client teams in mapping data consumers to their future data sources and plan a secure migration process, reducing risk where possible.

Meticulous planning and roadmap creation equipped the client to navigate their data modernization journey with clarity and confidence. The comprehensive roadmap provides a clear path towards a future state with enhanced data management, improved decision-making capabilities, and ultimately, the ability to unlock the true value of their data assets.

The Outcome

The roadmap served as a blueprint for the client's data modernization journey, providing:



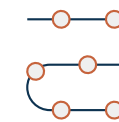
REDUCED RISK

The phased approach minimized disruptions to ongoing operations.



ENHANCED VISIBILITY AND CONTROL

Developed a framework to track progress, manage implementation across various business functions, and monitor the seamless migration of data consumers.



ALIGNED OBJECTIVES

The roadmap ensured alignment between Technology and Business objectives and priorities, fostering greater confidence in achieving desired outcomes.