

# Major U.S. Telecom Automates Test Data Creation, Cuts Testing Costs, and Improves Speed-To-Market by 80%

## Key Facts

**Industry:** Media & Communications

**Use Case:** Test Data Management

**Products:** K2View TDM



A major U.S. telecom needed a different way to create, secure, and provision data during its development and testing cycles. The existing process was cumbersome, manual, and error-prone, taking 30 to 45 days just to make the test data available. Besides negatively affecting its speed-to-market, the manual processes required valuable resources, leading to higher costs for test data management support and increasing the budget. By implementing K2View TDM (Test Data Management), the company was able to:

- Cut time to create test data from weeks to minutes
- Improve speed-to-market by 80%
- Reduce resources needed for manual processes by 30%
- Cut overall TDM support costs
- Ensure test data integrity and security

## Long Development Cycle Driving Up Costs

Bottlenecked by manual test data creation, the company's development cycle was far too long. The lengthy, manual process required to create, secure, scrub, and provision data for testing took weeks using its existing TDM system. This prolonged the duration of each test cycle which negatively impacted speed-to-market. On top of this, the company's costs to support TDM continued to rise, and budget cuts were required to keep them in check.

To support its desire to realize the benefits of a DevOps methodology, the carrier needed a way to provision test data faster, thus shortening the development cycle and reducing support costs. Enter K2View TDM.

## *K2View TDM Speeds Up Self-Service Test Data*

The company integrated K2View TDM with its existing tools, applications, and databases using a simple, one-time configuration. It was then able to use K2View TDM to access up-to-date data and provision, scrub, and mask it, reducing test creation to a self-service task that takes just minutes, not days or weeks. K2View's use of individually encrypted micro-databases and in-memory data processing improved data security and processing speed, while eliminating the possibility of massive data breaches.

The K2View TDM process automation is fast, secure, agile, and integrates with existing systems—improving the carrier's speed-to-market by 80 percent, while reducing the resources previously needed to execute manual processes by 30 percent.

*With K2View TDM's fast, secure data access, this major telecom shortened its development cycles and improved speed-to-market, while reducing manual processes and lowering overall TDM costs.*

## *Increased Data Speed, Improved Speed to Market, and Welcome Cost Savings*

With the K2View TDM, the carrier has automated its manual processes around collecting, securing and provisioning test data. Integration of the solution with the carrier's existing tools, apps, and databases required a simple, one-time setup. K2View TDM has decreased the testing team's dependency on time-consuming batch refreshes from live systems into the test environment. And the automation has reduced the number of resources needed for test data management, while resulting in zero impact on existing systems. The result is shorter development cycles, more reliable and secure test data, improved speed-to-market, and lower TDM support costs.

### **About K2View**

K2View is a provider of advanced data fabric, data integration, and data delivery software that takes the promise of a 360-degree view of data to the next level. Its flagship product, K2View Fabric, uses patented logical unit technology to enable quick, easy, and secure access and control to all of an organization's data, no matter how many different systems and data sources it may have. K2View delivers real-time, holistic access and operational insights to whatever data matters most to organizations in any industry, right when they need it, accelerating transformations in customer experience, cloud enablement, operations, IT modernization, and risk and compliance.

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