

2026 Test Data Management Report for AI-Ready Enterprises

Insights that elevate test data automation, quality, and speed to help organizations achieve agentic development and success

The latest Perforce Delphix research confirms it: Test data takes days, weeks, or months to access, and agentic development depends on AI-ready test data delivered instantly. Our 2026 Test Data Management Report for AI-Ready Enterprises offers critical insights into enterprise trends, priorities, and challenges surrounding test data management for the modern, agentic era.

We're giving enterprises a roadmap forward to better address bottlenecks: a portfolio approach to test data management. See the test data management trends from 518 global enterprises to inform how you'll future-proof your organization.

Key Findings

What Enterprises Need from Test Data Automation

Our respondents cited these top three priorities:

- **Consistent, high-quality test data to reduce defects (43%)**
- **Flexibility to customer test data to specific scenarios or use cases (39%)**
- **Ability to scale to large datasets (27%)**

Data Quality Raises Concerns

- **39% of enterprises face data quality or validity issues**, making quality both the biggest goal and the biggest obstacle.

- **AI workflows raise the stakes for data quality** because faster code generation requires faster, more reliable validation.
 - High-quality test data reduces defects, rework, and release risk by helping teams validate applications before production.
- **57% of respondents report more sensitive data in non-production environments** over the past 12 months.
 - Enterprises often fear that protecting data will reduce data quality.
 - **More sensitive data increases compliance complexity** for developers, testers, and AI agents.

Data Quality is the #1 test data priority and challenge.

Manual Processes Are Slowing Enterprise Workflows

- **98% of enterprises still have manual steps in their test data workflows**, while only 2% are fully automated.
- **Manual work creates bottlenecks** that limit release speed and block modern DevOps and AI-driven development.
- **99% of respondents wait longer than one business day** for a fresh full production copy of test data.
 - **42% wait weeks or months**, creating major delays for development, testing, and validation.
 - **Self-service, on-demand test data is becoming essential** for teams that need to support AI-ready delivery.

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Turn Delphix Insights into Test Data Readiness

You've heard a few insights from the 2026 Test Data Management Report for AI-Ready Enterprises, but there's more knowledge and research to leverage in the full report. Learn about data governance, quality, provisioning, and the role they play in AI workflows.

Get the Full Report ►

<https://www.perforce.com/resources/pdx/state-of-test-data-management-report>

Prepare for Future AI Workflows

A single platform approach like the Perforce Delphix DevOps Data Platform reduces complexity by connecting data delivery, masking, synthetic generation, and control. Data virtualization — especially when paired with self-service capabilities — helps teams provision production-quality data in minutes without waiting for full physical copies.

Get AI-ready tools all in one place. Built for enterprise scale and complexity, Delphix enables teams to access trusted data on demand and readies them for future agentic development to come.

Discover More About Our Data Platform ►

<https://www.perforce.com/products/delphix>