# The Hidden Cost of Fragmentation:
## Solving Data Governance Challenges
## with Oracle Enterprise Data Management

**Peloton** CONSULTING GROUP | **Digital Transformation Realized.**

In today's digital economy, data is the backbone of decision-making, customer experience, strategy execution, and operational efficiency. Yet, as enterprises scale and adopt a growing portfolio of cloud platforms, business applications, and analytics solutions, they often face a hidden but costly problem: **fragmented data governance across the enterprise technology landscape.**

Poor data governance drives inefficiencies, inflates costs, exposes organizations to regulatory risks, and stalls innovation. The good news is that with the right tools and strategy, these challenges are solvable. Oracle Enterprise Data Management (EDM) stands out as a comprehensive solution to unify and streamline governance in complex data environments.

## The True Cost of Bad Data

The true cost of having fragmented, poor quality data is often higher when factoring in operational, compliance, and strategic consequences.

> *Poor data quality costs organizations an average of $12.9 million per year[1].*

### Operational Inefficiencies

Data professionals spend up to 80% of their time preparing data rather than analyzing it, leading to wasted labor and reduced business agility. Redundant and conflicting data across systems increases the workload for both IT and business teams.

### Revenue Loss

Inaccurate or misaligned data damages customer segmentation, personalization, and forecasting. This can lead to lost sales opportunities, reduced customer retention, and suboptimal business strategies.

### Compliance and Legal Risk

As privacy laws like **GDPR**, **CCPA**, and **HIPAA** tighten, inconsistent data handling becomes a legal minefield. Violations can result in fines of up to 4% of global revenue, not to mention reputational damage.

### IT Complexity and Costs

Managing data across disparate systems leads to increased storage, infrastructure, and maintenance costs, especially when data duplication and manual reconciliation are rampant.

### Security Vulnerabilities

Multiple repositories with fragmented access controls heighten the risk of data breaches. **According to IBM, the average cost of a data breach is $4.45 million**, and a common root cause is poorly governed data environments.

### Innovation Bottlenecks

Projects like AI, predictive analytics, or digital transformation require clean, consistent data. Without it, initiatives are delayed or derailed entirely, which limits innovation and competitive advantage.

## Transforming Data Governance with EDM

To address these critical challenges, Oracle Enterprise Data Management (EDM) provides a centralized, intelligent platform for governing enterprise master and reference data across systems, business units, and regions.

EDM transforms data governance in the following ways:

| Transformation | Result |
|---|---|
| **Unified Data Governance**<br>Oracle EDM acts as a single source of truth for master data (Chart of Accounts, locations, customers, products, accounts), ensuring that every department and application works from consistent definitions and hierarchies. | Elimination of silos, reduced data duplication, and improved accuracy. |
| **Transparent Version Management**<br>With robust workflows, version control, and approval mechanisms, EDM allows organizations to manage changes to data structures with full visibility and traceability. | Enhanced accountability, simplified audit processes, and reliable compliance documentation. |
| **Cross-System Integration**<br>EDM integrates seamlessly with Oracle applications (ERP, EPM, SCM, HCM, Reporting Systems) and external platforms via APIs and connectors, supporting hybrid and multi-cloud ecosystems. | Consistent data across finance, HR, operations, and sales, without complex manual reconciliation. |
| **Scenario Modeling and Impact Analysis**<br>Organizations can create alternate versions of data hierarchies to simulate mergers, reorganizations, or policy shifts without disrupting production systems. | Data-driven strategic planning and faster response to business changes. |
| **High Data Quality and Stewardship**<br>Built-in validations and business rules ensure clean, consistent, and compliant data. Data stewards can collaborate within the system to maintain quality standards. | Trustworthy data and reduced risk of downstream errors. |
| **Regulatory Readiness**<br>EDM's full audit history and control mechanisms help companies meet regulatory requirements and demonstrate compliance effortlessly. | Lower compliance costs and minimized risk of fines or legal issues. |

## Data Integrity: Not Just an IT Concern

Peloton Consulting Group's dedicated EDM team has taken customers through the pain identification process followed by remediation of sizable data governance issues.

We implemented the Oracle EDM solution for one of the three largest REIT organizations in the world, providing a centralized hub for both metadata collection and consumption complete with an audit trail of data changes. While the reduced manual maintenance is impressive, the data quality and consistency allowed the finance and accounting organization to achieve foundational trust in their reporting and analysis.

Data governance is no longer just an IT concern; it is a strategic business priority. In a landscape where data powers everything from predictive analytics to customer engagement, governance failures can severely undermine competitiveness and profitability.

> *Solving the 'hidden' data governance challenge at every organization is a must in today's world of seeking accurate and trustworthy reporting. Customers are using Oracle's EDM to manage and standardize enterprise data across various systems with the goals of consistency and accuracy. Data integrity is critical for organizations optimizing strategic endeavors like Product Line Profitability and faster business transformations."*
>
> — *Joel Bittick*
> *Peloton Consulting Group*

Oracle Enterprise Data Management enables organizations to:

- Unlock operational efficiency
- Improve the reliability of analytics and reporting
- Ensure compliance with evolving data privacy regulations
- Support enterprise-wide digital transformation

In doing so, it shifts data from being a liability to a strategic asset.

As data environments become more complex, the costs of fragmented governance will only rise. Businesses must take proactive steps to standardize, align, and secure their data across systems. Oracle Enterprise Data Management offers a proven, scalable solution to unify governance, eliminate inefficiencies, and build a strong foundation for innovation.

In the age of digital transformation, trusted data is not optional — it is essential.

**To learn more about how Peloton Consulting Group can guide your data governance journey with Oracle Cloud EDM , please visit: pelotongroup.com**

1. Gartner, © 2021. How to Improve Your Data Quality.