

FORTIFY YOUR DATA GOVERNANCE

Fortify Your Data Governance with Enterprise Data Architecture

In recent years, there has been a re-awakening, with organizations recognizing the importance of data not only as an operational imperative, but also as a strategic asset. However, managing and harnessing the power of data is becoming increasingly complex. In today's rapidly changing business environment, companies leveraging enterprise data for improved performance and decision-making gain strategic advantage over others, many of which are unprepared for exponentially increasing data volumes that they find themselves unable to manage.



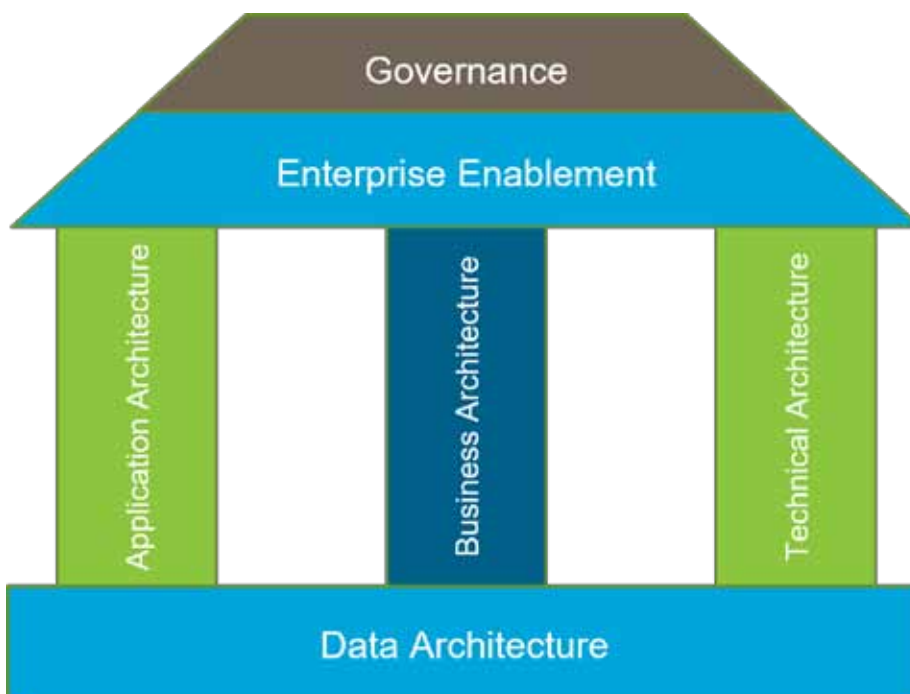
DATA ARCHITECTURE IS THE FOUNDATION FOR DATA GOVERNANCE

To address this, we require a solid data architecture foundation in order to support the pillars of enterprise architecture: the central pillar of Business Architecture, as well as Application and Technical architectures. This unified structure enables data governance, which is essential to ensure regulatory compliance, as well as informed decision making within the enterprise. Data modeling is the cornerstone of data architecture, representing all data structures and associated metadata.

Data architecture teams enable these efforts by putting data into context with data models and metadata using the industry-leading ER/Studio suite. With collaborative capabilities and team access to data models, process models and glossaries, ER/Studio Enterprise Team Edition establishes consistent terminology, improves data quality, and enables data governance.

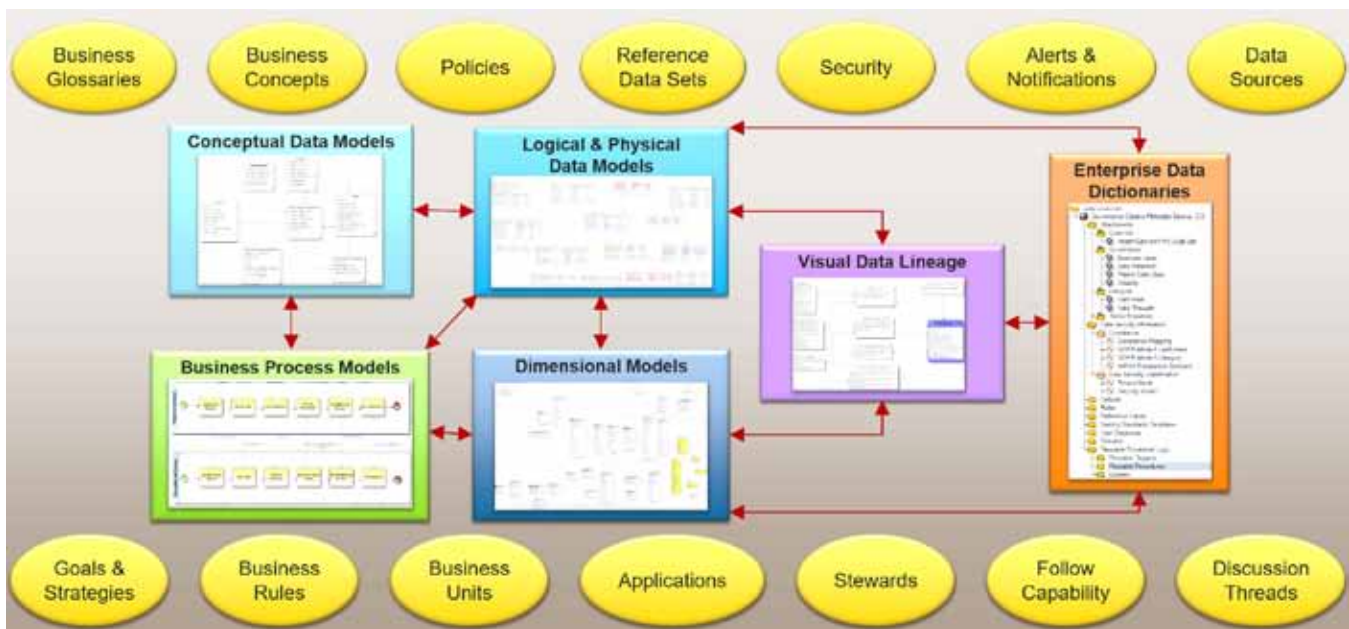
Data governance is fast becoming a business imperative and serves as the key to putting data to work across the organization. A good data governance program lays the foundation for demonstrating compliance to regulatory mandates such as PCI DSS, HIPAA, SOX, and GDPR. Organizations with governance based on solid enterprise data architecture will be more effective at mitigating risk and avoiding steep penalties for non-compliance.

Data governance initiatives need to be based on a solid knowledge of business processes, an understanding of the way data is moved and transformed through the organization, and a common vocabulary to ensure effective communication. Carefully managed metadata is essential, since it describes important details about organizational data, processes, business rules, goals, and strategies. It must be available and consumable across the organization, with the appropriate level of access and visibility depending on roles and responsibilities.



TEAM COLLABORATION ENABLES DATA GOVERNANCE

Successful data governance requires team collaboration. Responsible data stewardship ensures high data quality, appropriate data use and informed decisions. By leveraging ER/Studio Enterprise Team Edition as a collaborative solution with fully integrated metadata and visual models, businesses can create a global perspective of their vital metadata, from business processes to data models, with data lineage and business glossaries aligned and applied across the enterprise.



The **ER/Studio Enterprise Team Edition** suite delivers world-class capabilities that extend the reach of enterprise data across the organization. Simple, secure web-based access is available for business and technical teams to:

- Manage a single source of business definitions in an enterprise glossary
- Integrate key business terms and definitions with business systems
- Attach business policies to critical data elements with contextual alerts and tips
- Improve compliance to corporate standards and industry regulations
- View and navigate interactive data models and business process models
- Generate reports on business initiatives, models, and data



[ER/Studio Team Server](#) provides the collaborative framework for managing business glossaries, metadata, reference data, rules, and policies. This helps to drive stakeholder collaboration through context-based links and management. Administrators can configure stewardship roles and permissions to enforce security policies. Common and consistent reference data can be linked across models and reconciled across operational systems for standardized reporting and analytics. Advanced change management, audit trails, and optional JIRA integration are enabled by Team Server.



[ER/Studio Business Architect](#) enables the creation of data processes and policies that govern the business and describe the flow of data through the organization. Defining policies and rules along with data owners and stewards enables collaborative engagement for important decisions. These policies and processes can be published to the Team Server for correlation with business glossaries and visibility across the organization.



With [ER/Studio Data Architect](#), data professionals can define the more technical aspects of the data and metadata in detailed data models, along with visual data lineage and transformations. Features such as enterprise data dictionaries, business data objects, attachments, and universal mappings help to leverage reusable constructs across the data architecture. Sensitive data can be specified within data models using security properties and attributes. Publish data models process models and associated metadata to Team Server for sharing with the broader team. The tight integration between the modeling tools and the collaboration platform enables seamless sharing of information across the organization.

IMPROVE YOUR ENTERPRISE DATA ARCHITECTURE

Data modeling exists to help organizations make better business decisions based on large volumes of accurately interpreted and rapidly changing data. Organizations build process flows and methodologies around enterprise data, giving end users operational access to these valuable assets. Implementing ER/Studio to build a foundation layer for your company's data management strategy gives you the structure and support required to quickly and effectively deliver measurable value to technical and business users.

Extend the value of data in your organization with ER/Studio and implement data governance with a global perspective across your enterprise. [Contact us to schedule a demonstration](#) and learn how ER/Studio can help you improve your business-driven data architecture.

Request Demo

IDERA understands that IT doesn't run on the network – it runs on the data and databases that power your business. That's why we design our products with the database as the nucleus of your IT universe.

Our database lifecycle management solutions allow database and IT professionals to design, monitor and manage data systems with complete confidence, whether in the cloud or on-premises.

We offer a diverse portfolio of free tools and educational resources to help you do more with less while giving you the knowledge to deliver even more than you did yesterday.

Whatever your need, IDERA has a solution.

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