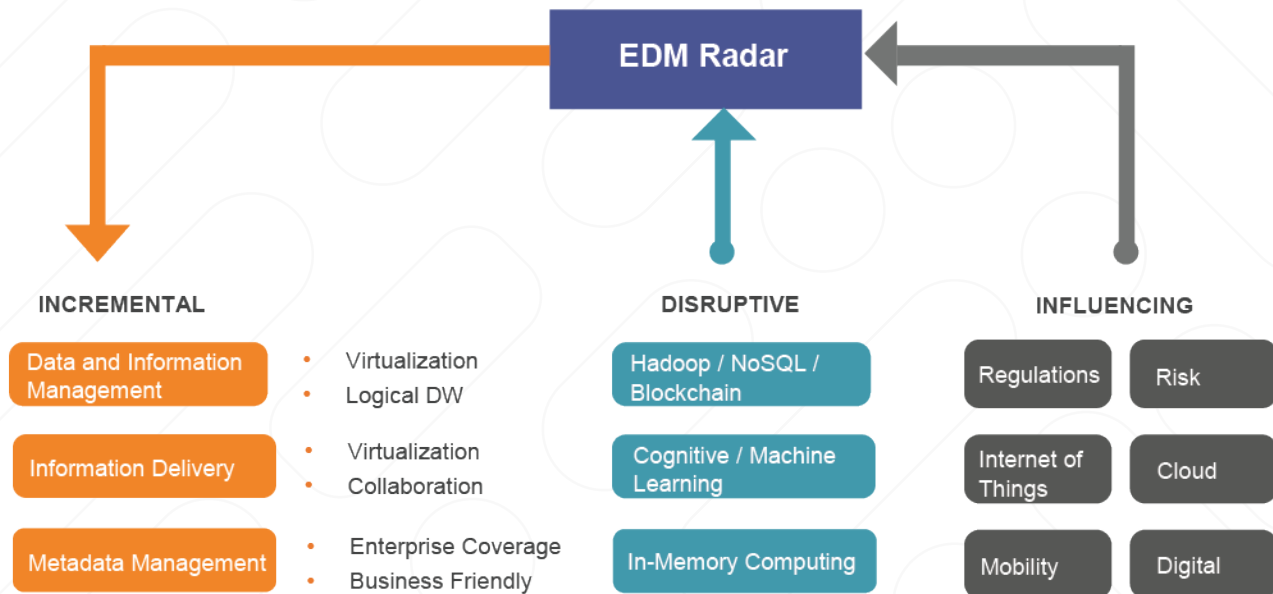# ENTERPRISE DATA MANAGEMENT (EDM)

The Way Forward from Reactive to Predictive Enterprise

www.hexaware.com

Enterprise Data Management - Where is it headed?

INCREMENTAL		DISRUPTIVE	INFLUENCING	
Data and Information Management	• Virtualization • Logical DW	Hadoop / NoSQL / Blockchain	Regulations	Risk
Information Delivery	• Virtualization • Collaboration	Cognitive / Machine Learning	Internet of Things	Cloud
Metadata Management	• Enterprise Coverage • Business Friendly	In-Memory Computing	Mobility	Digital

Why Organizations are embracing EDM Programs?v

Key Business Drivers:

Current State and Future State

- Digitalization of customer interaction and operations
  - Inability to integrate new products and platforms quickly as businesses expand and diversify their product and service offerings

- Ever increasing Regulations
  - Slow response to market and regulatory changes due to the time and effort required by business operations to collect and report the required information

- Middle and Back Office Outsourcing
  - Refocusing to customer orientation and core business

- Consolidation of FO, MO and BO platforms
  - Hampered margins and ROI due to loss of trade opportunities and gaps in transaction processing and reconciliation

- Analytics and Information Delivery
  - 360 degree view of customer and opportunities by correlating structured and unstructured data

Common data management issues faced, to achieve the business objectives are:

- I get different answers for the same question - Inconsistent Data.
- The data I get is not the latest - Latency Issue
- I cannot substantiate how a number is generated - Substantiation Issue
- The data I have is not self-sufficient - Access Issue
- I have no idea who is consuming what data - Uncontrolled Proliferation Issue

Solutions

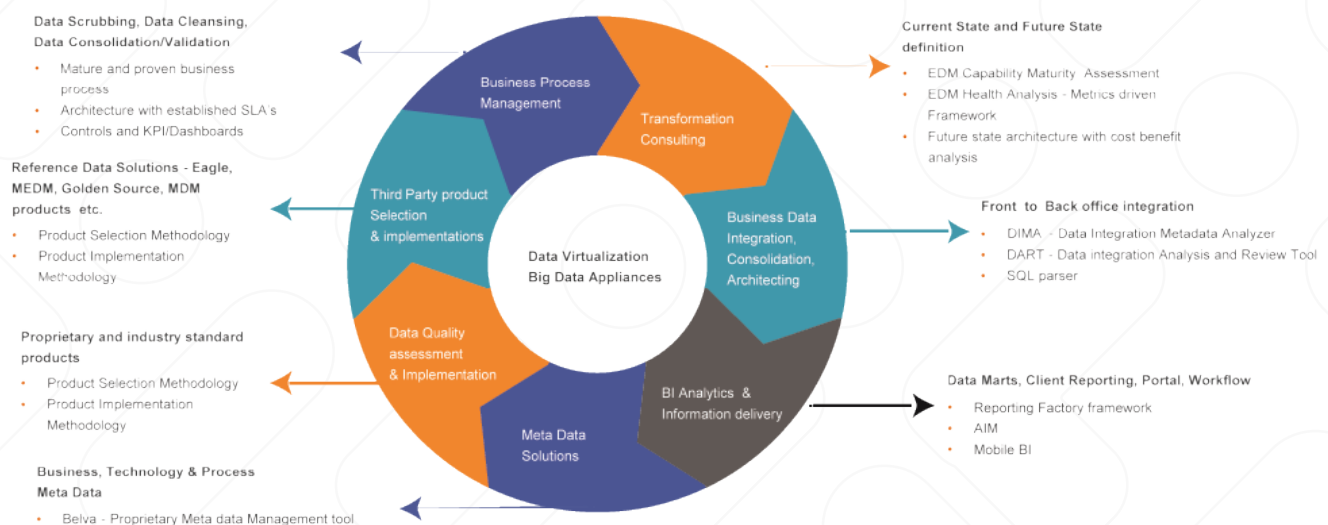Financial firms are addressing the above identified issues under three broad categories:

a) **Data Governance (DG):** Having precise and unique definitions of the data under control
b) **Data Quality (DQ):** Ensuring the accuracy, validity, and completeness of data
c) **Data Reconciliation (DR):** Comparing the same data across multiple storages for consistency

Data Management Group	Data Management Process	Hexaware Solution Accelerators	Issues Addressed
Data Governance	Business Metadata Definition	Belva (Meta Data Solution)	Data Clarity / Interpretation issue Data Control issue Central storage of all metadata definitions
	Metadata Change Management		
	Metadata Consolidation		
Data Quality	ETL Transformation Rules	Belva (Meta Data Solution)	Central storage of all data transformations
	Data Profiling	Data Profiler Data Certifier	Inconsistent Data
Data Recon	Comparison across multiple sources	Verzoenen (Reconciliation Solution)	Data Proliferation issue
	Data Lineage	Belva (Meta Data Solution)	Data Substantiation issue -tracing flow of data across multiple systems

Why Hexaware?

Data Management framework that covers a broad set of Data Governance, Data Quality and Data Reconciliation issues, Improved operational efficiency by utilizing fully automated in-house Toolsets, Technology Infrastructure Software Solutions, Compliance and Governance, Process Standardization

How Hexaware's Data Management offerings fulfill the value chain?

EDM case studies

#	Client	Business Scenario	Hexaware Solution
1	Leading Mortgage Loans Company	Reference data challenges due to legacy processes created inefficient operating models and high cost of operation.	Robust Reference data management for securitization and collateral management through **tool/automation and realignment of operational roles and responsibilities**
2	Insurance *Money Manager*	Built a scalable, flexible and cost effective *information delivery platform* that can help client stakeholders derive key operational and strategic business insights	Multi-phased approach to quick *tool based assessment of current state*, define *information delivery architecture* to *remove reports and data redundancy*, define features of delivery platform and implementation roadmap
3	*Global custody Bank* and Investment Manager	Unavailability of enterprise-wide credit risk data view leading to challenges in meeting Basel II and UCITS IV mandates	Build an integrated *finance and risk data warehouse* by aggregating information across the line of business enabling aggregated credit risk reporting, Sandbox (for stress testing), ALM analysis and portfolio management analytics
4.	Global *Index Provider* and Multi manager fund	Client implementing an EDM solution. How should *business operations team* align themselves to provide the best data governance, quality and ROI	Consulting study to *establish* best practices based *processes for data operations* Study of As Is, identification of improvement areas, *transforming processes* prior to implementing EDM
5	*Leading Asset Manager*	Large warehouses resulting in poor business user data consumption – *Too normalized,* very complex for business to access data	*Dimensional Data Mart approach* to make data more business friendly. *Inmemory analytics* for faster response. Dash board based reporting – moving away from traditional way of reporting

About Hexaware

Hexaware is the fastest growing next-generation provider of IT, BPO and consulting services. Our focus lies on taking a leadership position in helping our clients attain customer intimacy as their competitive advantage. Our digital offerings have helped our clients achieve operational excellence and customer delight by 'Powering Man Machine Collaboration.' We are now on a journey of metamorphosing the experiences of our customer's customers by leveraging our industry-leading delivery and execution model, built around the strategy— 'Automate Everything, Cloudify Everything, Transform Customer Experiences.'

We serve customers in Banking, Financial Services, Capital Markets, Healthcare, Insurance, Manufacturing, Retail, Education, Telecom, Professional Services (Tax, Audit, Accounting and Legal), Travel, Transportation and Logistics. We deliver highly evolved services in Rapid Application prototyping, development and deployment; Build, Migrate and Run cloud solutions; Automation-based Application support; Enterprise Solutions for digitizing the back-office; Customer Experience Transformation; Business Intelligence & Analytics; Digital Assurance (Testing); Infrastructure Management Services; and Business Process Services.

Hexaware services customers in over two dozen languages, from every major time zone and every major regulatory zone. Our goal is to be the first IT services company in the world to have a 50% digital workforce.

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