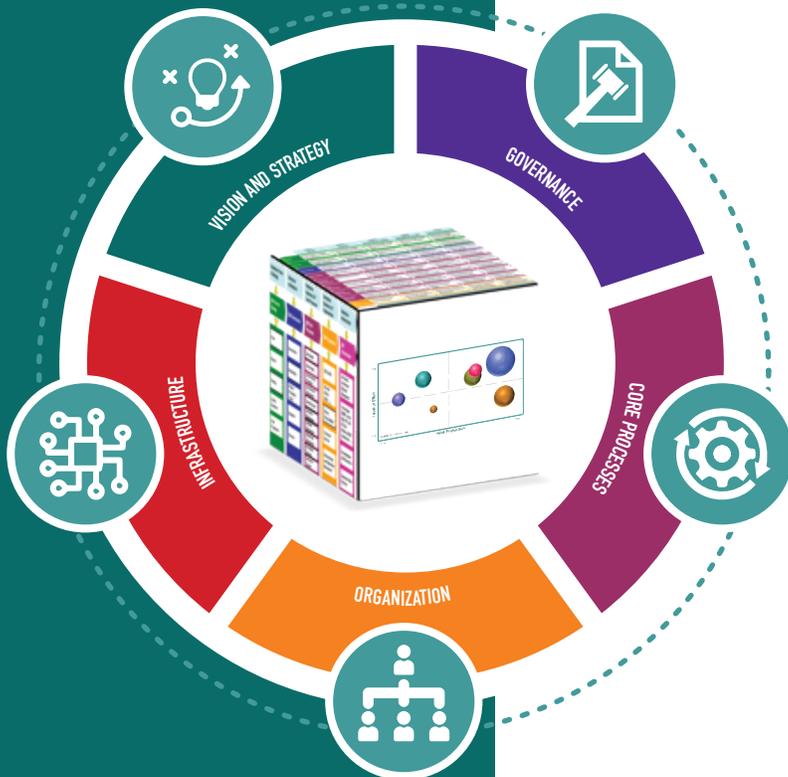


XTENSIBLE SERVICES: Enterprise Information Management

HELPING YOU UNDERSTAND, MANAGE, INTEGRATE, AND USE YOUR DATA



The Enterprise Information Management Framework and Maturity Model developed by Xtensible is the bridge between Strategy and Execution for utilities.



The impact of data to address the challenges of the Electric Utility Industry becomes a new set of challenges that can be opportunities for growth.

Enterprise Information Management (EIM) addresses those opportunities and challenges. It is defined through a framework encompassing Vision and Strategy, Governance, Core Processes, Organization, and Infrastructure. Xtensible can help utilities define the strategy which takes you from current state to your desired future state in an orderly manner.

With nearly two decades of thought leadership and support in developing utility standards for data management, we help utilities establish:

VISION AND STRATEGY

Defines where the organization needs to go and how to measure success

GOVERNANCE

Establishes policies and the steering committee to make needed decisions

CORE PROCESSES

Defines and anchors how data is managed and integrated at data, user, and business levels

ORGANIZATION

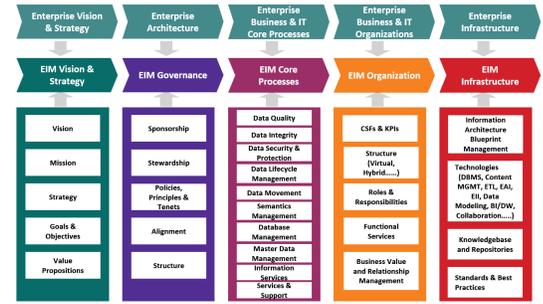
Addresses key performance indicators, success factors as well as roles and responsibilities, and deployments

INFRASTRUCTURE

Selection based on standards and best practices for making data assets widely available for business operations

1. XTENSIBLE ENTERPRISE INFORMATION MANAGEMENT FRAMEWORK STARTING POINT

Our strategy, called Enterprise Information Management (EIM), encompasses five key components: Vision and Strategy, Governance, Core Processes, Organization, and Infrastructure.



2. XTENSIBLE MATURITY MODEL

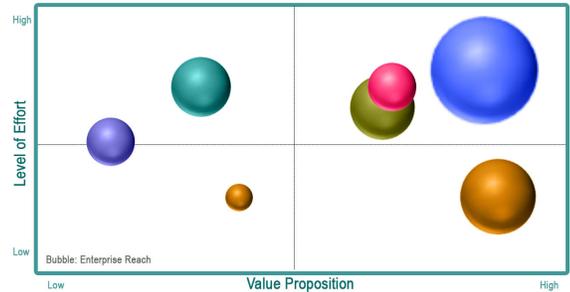
Through decades of experience with utilities and their data, Xtensible has established an EIM Maturity Model based upon our EIM framework to establish the roadmap for enterprise information management aligned with utility business domains. It is used to plot current and future state for utility business domains.

Current State	Level 1: Ad-Hoc	Level 2: Reactive	Level 3: Structural & Proactive	Level 4: Managed & Focused	Level 5: Continuously Improving
Vision & Culture	No link between corporate vision, culture, and EIM goals and objectives	Corporate vision and EIM goals support each other but change cultural acceptance	Culture accepts EIM and EIM goals inherent corporate vision	Culture accepts EIM and EIM goals have to corporate vision	Culture accepts EIM compliance and EIM goals are key to corporate vision
Strategy	Data supporting corporate strategy is siloed with multiple definitions	Data supporting corporate strategy uses limited reuse	Strategy begins to use information objects creating value	Strategy begins to identify common information objects as part of business goals	Strategy includes common information objects as part of goals, goals and measurement
Stewardship	No differentiation between data stewardship and data ownership	Acknowledged difference between data ownership and data ownership	Definition of data ownership and business objectives	Acknowledgment of separate data owners and "source of truth" elements	Definition of data owners and data control flow "source of truth" elements
Data Quality	Data quality acceptable or unknown, sampling unknown or spotty	Attempts to maintain data quality in the core data quality from other silos	Data quality recognized and managed against corporate vision	Data quality recognized across all silos. Beginning of corporate governance	Controlled corporate governance of data quality and removal of data silos
Semantics Management	System based semantics	Attempts to build data difference governing semantics between systems	Identification and definition of common business information objects	Creation of a corporate taxonomy to govern system semantics	Use of corporate taxonomy to enable integration of system semantics
Data Movement	Ad-hoc point-to-point connections between systems	Use of common data movement infrastructure without reference patterns	Use of common data movement infrastructure with supported reference patterns	Use of common data movement infrastructure to govern system semantics	Use of common data movement infrastructure with repeat implementations
Database Management	Ad-hoc data storage strategies, warehouses and data lakes	All data management occurs through some silo control	Data management events under enterprise control with dynamic semantics	Data management under enterprise control with dynamic semantics	Data management under enterprise control using BI, master's database
Information Services	Independent development, integration of data, processes and technology	Integration in place, but does not extend to common standards for data or process	Commonly defined interfaces, not locally controlled	Services involved based on standards, independent of technology	Availability of services that comply business processes with low effort
Roles & Responsibilities	Individual ("I own") based responsibility	Teams based with the team leader or team member being "owner/keeper/owner"	Responsibility of the definition of roles and party of individuals doing the role	Roles focused on highlighting of knowledge sharing to support process quality	Acknowledgment and expectation that resource is qualified to do the report

3. SET THE TARGET IDENTIFY THE GAPS

Identify substantive gaps between current and future state and ask:

- What does business strategy suggest should be done?
- Should this gap be closed? Why? When? How? Why not? In the future?
- Which capabilities in the organization are involved?



TREAT YOUR DATA AS A VALUABLE ASSET

XTENSIBLE & INDUSTRY STANDARDS

Members of the Xtensible team lead and participate in over 30 different smart grid related standards development efforts. We leverage best practices and our expertise in the application of standards into Xtensible's consulting and systems integration services, thus providing utilities with unparalleled solutions.



If you are looking to treat data as a valuable asset, then let Xtensible help you understand, manage, and really know your data. Creating frictionless access to data is what we do. Contact us today to reduce your risk and cost of implementation and ownership and set the foundation for the future.

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