

XTENSIBLE SERVICES: Enterprise Information Management

MANAGE YOUR DATA AS A VALUABLE ASSET



Strategy &
Architecture Consulting



Business &
Technology Consulting



Enterprise Information
Management



System Integration



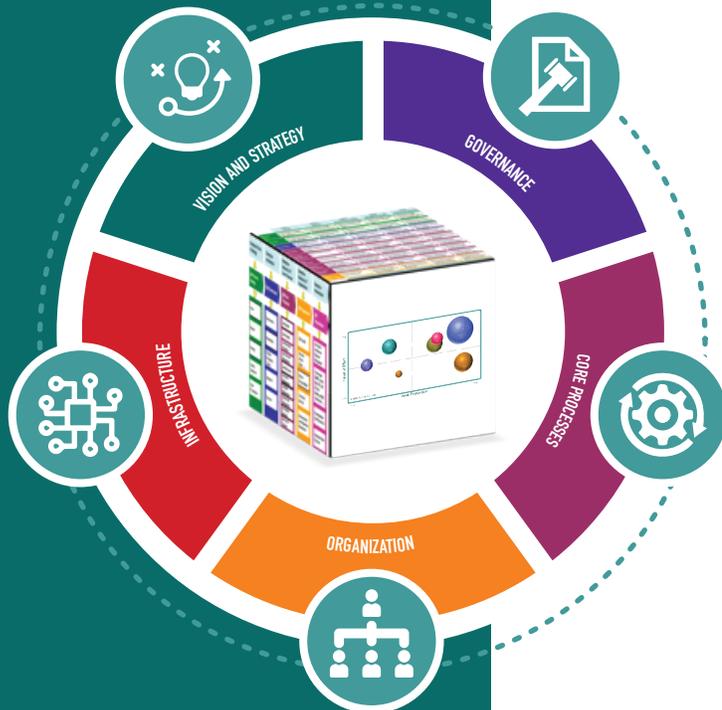
Business Intelligence
& Data Analytics



Training

The Enterprise Information Management Framework and Maturity Model, developed by Xtensible, is the bridge between Strategy and Execution for utilities and has been utilized over and over again to build the EIM Foundation for Smart Grid Projects across the globe.

The Xtensible EIM Framework has been adopted by the NIST Smart Grid Interoperability Panel.



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 helps utilities develop your strategy which takes you from your current state to your desired future state in an orderly manner through our EIM framework.

With nearly two decades of thought leadership and support in developing utility standards for data management, working with both the Business and IT, 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

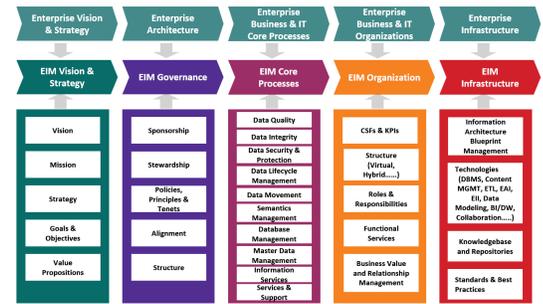
Addresses key performance indicators, success factors as well as roles and responsibilities, and deployments

INFRASTRUCTURE

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

XTENSIBLE ENTERPRISE INFORMATION MANAGEMENT FRAMEWORK STARTING POINT

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



XTENSIBLE MATURITY MODEL

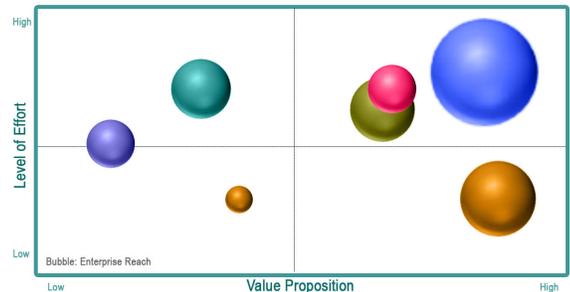
Through decades of experience with utilities and their data, Xtensible has established an EIM Maturity Model based upon our EIM framework to establish the roadmap for enterprise information management aligned with utility vision. It is used to plot current and future state for utility business domains.

Current State	Level 1: Ad-Hoc	Level 2: Reactive	Level 3: Structural & Proactive	Level 4: Managerial & 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 cannot influence each other	Culture supports EIM and EIM goals influence corporate culture	Culture supports EIM and EIM goals have to corporate culture	Culture supports EIM compliance and EIM goals are key to corporate vision
Strategy	Data supporting corporate strategy is divergenced with multiple definitions	Data supporting corporate strategy is divergenced with multiple definitions	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 stewardship and data ownership	Definition of data ownership (data stewardship) begins to take effect	Acknowledgment of corporate data owners and "sphere of control" elements	Difference to data owners and data control from "sphere of control" elements
Data Quality	Data quality acceptable or irrelevant, sampling unknown or spotty	Attempts to maintain data quality in the core data quality from other data	Data quality recognized between business objectives and corporate vision	Data quality recognized between all data. Beginning of corporate governance	Centralized corporate governance of data quality and removal of data silos
Semantics Management	System based semantics	Attempt 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 with established reference patterns	Use of common data movement infrastructure with a used implementations
Database Management	Ad-hoc data storage strategies, warehouses and data lakes	All data management occurs through some data control	Data management events under enterprise control with dynamic databases	Data management under enterprise control with enterprise data lake	Data management under enterprise control using HIL (Hyper-Intelligent Layer)
Information Services	Independent development, integration of data, processes and tools or technologies	Integration in place, but does not extend to common standards for data or processes	Commonly defined interfaces, not locally controlled	Services based on common standards, independent of technology	Discovery of services that comply business processes with low effort
Roles & Responsibilities	Individual ("hero") based responsibility	Team based with the team leader or team member being "hero knowledgeable"	Definition of the definition of roles and party of individuals using the role	Role based on mapping of knowledge sharing to support process quality	Acknowledgment and expectations that resource is qualified to be the expert

SET THE TARGET IDENTIFY THE GAPS

Identify substantive gaps between current and future state using our Planning Model 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?



ABOUT XTENSIBLE

Xtensible is a leading US provider of semantic-based products and consulting services for the utility industry with a global client base. We provide strategy and associated architecture consulting, technology consulting, enterprise information management, integration, business intelligence and data analytics services, as well as utility standards training. Our products manage the data lifecycle, from design to run-time. We are a driving force behind the development and implementation of international open standards, that underpin current and future interoperability and technology initiatives. We deliver and empower our clients with sustainable end-to-end solutions in a repeatable and cost-effective manner and strive to become a trusted, reliable partner, putting our clients first.

CONTACT US TODAY TO LEARN MORE ABOUT XTENSIBLE AND HOW WE HELP OUR CLIENTS SUCCEED.

Headquarters
6900 Tavistock Lakes Blvd
Suite 400
Orlando, FL 32827
sales@xtensible.net

 **Xtensible**
www.xtensible.net