

ENTERPRISE DATA GOVERNANCE

CAPABILITY MATURITY MODEL

& ASSESSMENT



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Data Governance

Data governance is a key mechanism for establishing control of corporate data assets and enhancing their business value. It is a critical element of implementing a sustainable data management capability that addresses enterprise information needs and reporting requirements.

Data governance is typically a business-led initiative that utilises a combination of relevant organisational structures, business practices, business support tools and technology to support effective decision-making, gain strategic advantage and fulfil compliance obligations.

Business initiatives to enhance or establish data governance capabilities can be undertaken as a parallel or complementary activity to major business or technology change programs. Organisations embarking on business intelligence, core system modernisation or business improvement initiatives will experience significantly greater business benefits from their investment when implementing an associated data governance program.

A Data Governance Program provides a focused approach for establishing an enterprise framework that delivers and supports data governance functions and capabilities, including:

- Business awareness
- Corporate data governance organisation
- Roles & responsibilities
- Policies and procedures
- Data quality management
- Master Data Management
- Metadata management
- Enterprise data architecture
- Data security & privacy

Our experience has shown that the organisations that achieve the greatest success with enterprise data governance:

- a. Adopt a systematic, holistic approach across the organisation.
- b. Recognise data governance as an important strategic initiative that must be sponsored at executive level and proactively managed by an executive committee with support from relevant business groups.
- c. Embed data governance within business practices, supported by technology solutions.
- d. Ensure the corporate vision for data governance is known and shared at all levels of the business.

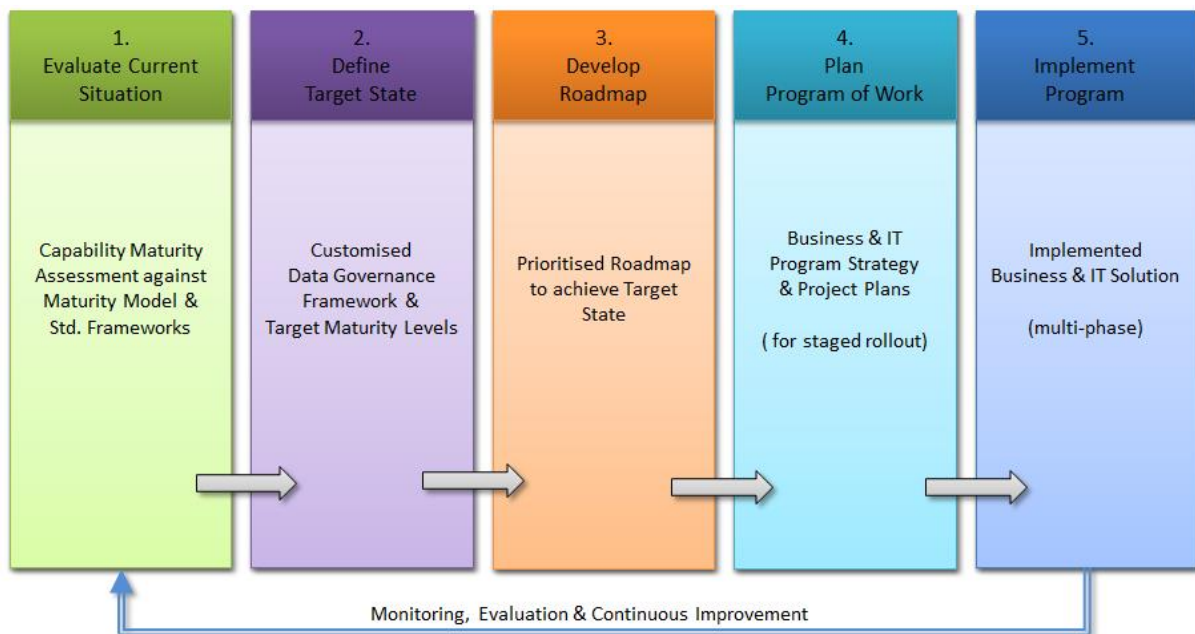
Data Governance Capability Maturity Assessment

Datalynx offers clients a proven approach for establishing an enterprise Data Governance Framework and enhancing existing DG capabilities.

Commencing with a current state analysis, our specialists can evaluate the level of organisational capability maturity across key data governance functions. The results of the analysis are measured against Datalynx’s standard Capability Maturity Model to identify the gap between the current and target levels of capability maturity.

Working closely with your business representatives we help you to define the DG Roadmap, establishing priorities and realistic timeframes that are aligned with organisational circumstances and goals.

Datalynx’s Data Governance Program implementation methodology is shown below:



The Program is designed to establish business capabilities in a logical sequence, with each key milestone creating a foundation for subsequent activities.

This systematic approach enables organisations to understand their immediate and longer term needs and focus on those capabilities that will produce the greatest benefits.

By integrating monitoring, evaluation and continuous improvement within business processes and technical solutions, we ensure that the business benefits are sustainable and continue to grow over time.

Datalynx Data Governance Capability Maturity Model

Capability maturity levels comprise four graduations, increasing in capability maturity from Level 1 to Level 4:

1	2	3	4
Initial	Reactive	Proactive	Governed
<ul style="list-style-type: none"> • Business awareness that data has value, but limited understanding of data governance • No formal enterprise data governance organisation • Data governance roles and responsibilities not formally defined or allocated • Limited data governance policy coverage and documentation • Procedures are undefined or ad-hoc • Few data quality rules and processes utilised 	<ul style="list-style-type: none"> • Executive understands the need for initiating a data governance program. Specific projects commenced • Executive awareness of need for enterprise DG organisation • Ad-hoc allocation of data governance responsibilities to specific roles / staff • Policies documented, but not consistently maintained. Some policies in draft form and not implemented. • Some processes defined, however approaches are not standardised across groups • Data quality addressed reactively, primarily via implementation projects 	<ul style="list-style-type: none"> • Executive supports enterprise data governance as being essential to improving business performance • Formalised DG organisation. Support Groups and forums established • Formalised data governance roles and responsibilities • Policies promulgated to support data governance initiatives. Current policy set available and promoted to staff. • Common practices adopted across projects and business areas • Data quality is managed proactively. Initiatives to address source issues. Data Quality metrics are defined. • Common MDM solution for use across business functions & systems 	<ul style="list-style-type: none"> • Awareness at all levels that data / information is a key organisational asset that must be managed through an ongoing DG program. • Governance organisation resolves cross-functional issues • Regular group meetings and forums • Roles & responsibilities reviewed • Policies are reviewed and updated in line with agreed schedule • Compliance with policies is audited • Processes are monitored and refined to align with evolving DG practices. • Data governance is integrated with business processes • Data quality monitored & reported

	2	3	4
1	Reactive	Proactive	Governed
Initial			
<ul style="list-style-type: none"> • There is no single, trusted source of truth for critical data (MDM) • Little or no business metadata or common naming conventions • Siloed data collections with little or no integration • No enterprise data architecture • Little awareness of technologies • No common / standard tools • Data Security policy does not exist or not formally approved • Responsibility for data security is with IT, with little control over business processes • Data governance benefits are not being realised 	<ul style="list-style-type: none"> • Master Data domains identified & MDM project initiated • Metadata management project initiated • Initial moves towards data sharing / integration • Initial attempts at defining enterprise data architecture • Need for common technology and tools identified • Security policy defined and approved. Applied across some business areas • Data security is primarily implemented by projects and is reactive • Some data governance benefits realised at individual business area level 	<ul style="list-style-type: none"> • Master data populated by projects. • Common metadata management solution for use across business functions & systems. Metadata populated by projects • Enterprise data sharing initiatives have been defined and in progress • Enterprise data architecture defined and used to guide implementations • Usage of common technology / tools across projects and business areas • Standard data security policy across all business areas and IT • Enterprise data security controls implemented • Foundations for effective enterprise data governance are in place 	<ul style="list-style-type: none"> • Standard processes for addressing quality issues • Data quality analysis and data cleansing are part of the standard systems development life cycle • Analytical and operational MDM managed as a BAU activity • Metadata is managed via BAU. • Information is unified across all business areas • Data governance and BI integrated • Enterprise data architecture maintained for current environment as well as new systems / datasets • Common tools for key DG capabilities • Security controls reviewed/measured • DG framework implemented • Organisation is a reference for good data governance practices

Datalynx Strategic Services:

Datalynx can assist clients with all aspects of developing a Data Governance Program and establishing an effective Data Governance Framework.

The Datalynx Professional Services Group has extensive experience in data governance for government and private sector organisations, undertaking DG Capability Maturity Assessments and providing comprehensive Program planning, implementation and support services.

Contact your Datalynx representative, or visit www.datalynx.com.au to learn more about the benefits of effective data governance for your organisation and how we can assist you on your data governance journey.

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