

CDG Consulting Associates

Corporate Data Governance Lessons for Government

Discussion Topics

- Data Governance – Definition and Framework
- Data Governance Operating Model
- Data Governance Structures
- Nine Steps to Implementing Data Governance

Defining Data Governance

Is a system of accountabilities, decision rights, responsibilities, activities and processes to ensure enterprise information is accurate and reliable. - Source: Data Governance Institute

- Operating Model
- Data Governance Organization Members
- Roles & Responsibilities
- Arbiters & Escalation points
- Data Ownership & Accountability

- Policies & Principles
- Processes
- Controls
- Data Standards & Definitions
- Metadata, Taxonomy, Cataloging, and Classification

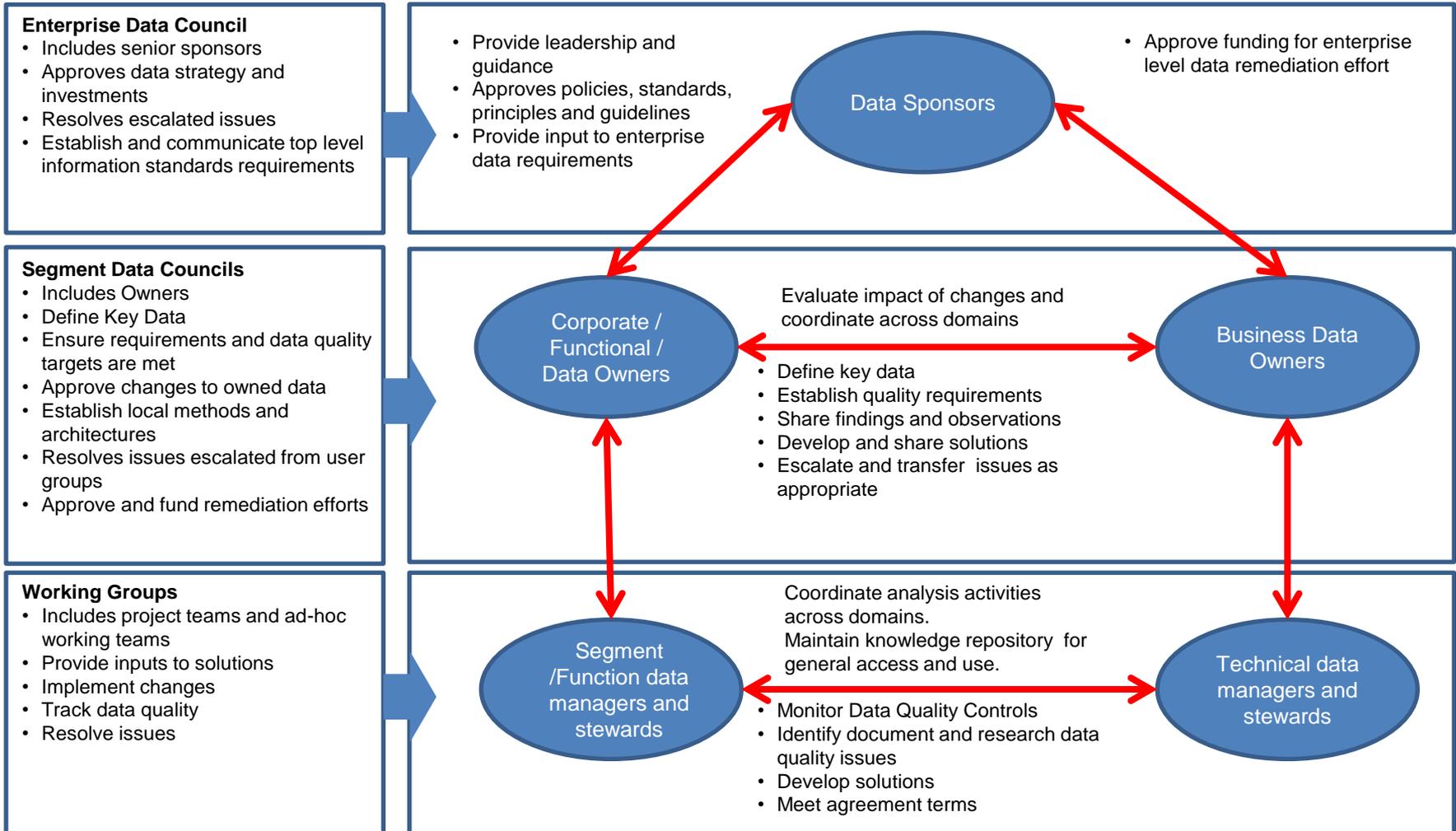
- Statistics & Analysis
- Tracking of progress
- Monitoring of issues
- Continuous Improvement
- Score-carding

- Information Life Cycle Tools
- Data Mastering & Sharing
- Data Architecture & Security
- Data Quality & Stewardship Workflow
- Metadata Repository
 - Data Dictionary



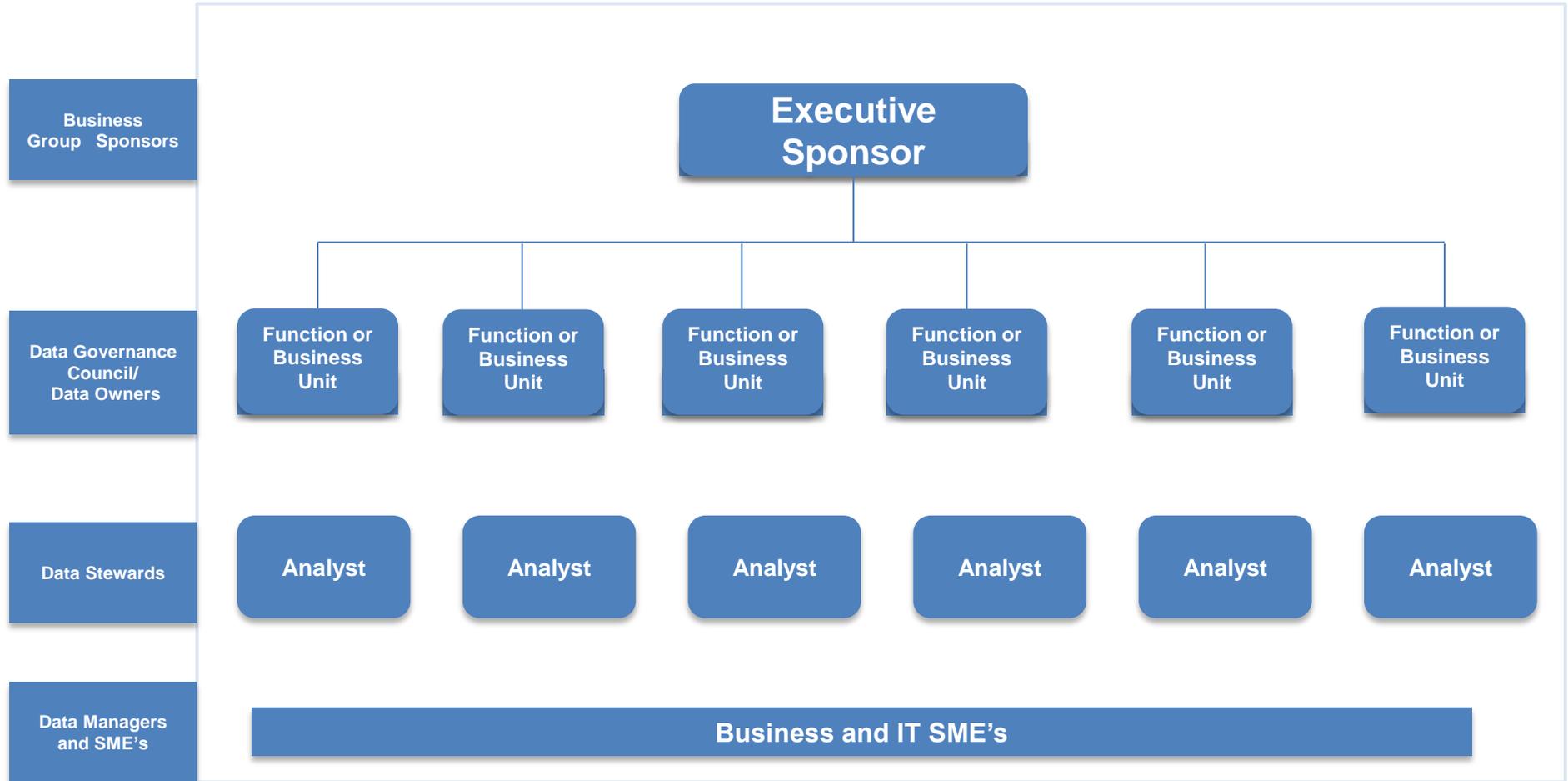
Data Governance Operating Model

Open and active communication is critical to an effective data governance operating model



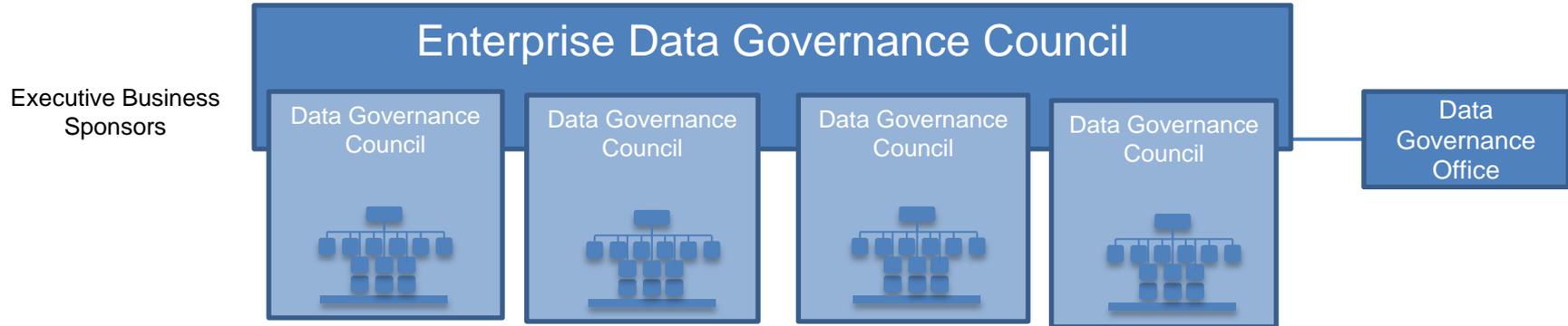
Data Governance Structure

Single Entity Example



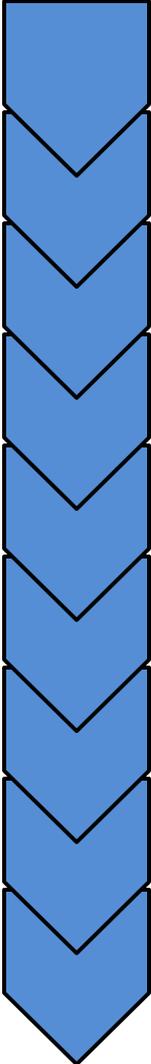
Data Governance Structure

Federated Model Example



Role	Responsibility
Enterprise and Segment Data Governance Councils	<ul style="list-style-type: none"> • Councils provide sponsorship for Data Governance initiatives within their respective Segments and Functions; and collectively for Enterprise initiatives • They ensure the appropriate participation from and act as advocate for their respective Segments and Functions. • Serve as the end-point of resolution for escalated issues and necessary approvals.
Group Executive Sponsors	<ul style="list-style-type: none"> • Senior level executives that support and champion Data Governance organization, policies, principles and initiatives.
Segment and Functional Business Sponsors	<ul style="list-style-type: none"> • Senior-level Segment/Functional executives who visibly support Data Governance initiatives. • The Sponsor has responsibility for their respective data governance organization. • Provide vision and leadership regarding information and set expectations regarding Segment and Function data quality.

Nine Steps to Developing DG

- 
- Establish an organization
 - Identify data to be governed
 - Determine who owns the data
 - Determine who manages the data (data stewards)
 - Define the data
 - Develop data quality requirements
 - Test the data against the quality criteria and document exceptions
 - Determine the cause of data quality exceptions
 - Develop and execute remediation plan

Data Governance Technical Enablement

Technical enablement is a key underpinning of an effective data governance capability.

Enabler	Description
Data Dictionary	Depending upon the maturity of the organization and the organizations data management capabilities, this could be as simple as a business glossary or as complex as an integrated metadata management system
Reference Data and Master Data Management	Reference data is typically at the core of most data quality issues. An integrated reference data repository can provide significant value in terms of data quality. As an organization matures or expands, master data management will be come a strategic imperative.
Data Profiling or Rules Engine	Using an automated tool to assess the quality of data whether in a repository as it is being moved will yield significant efficiency gains.
Issue Management	An issue management tool is important to assist with the collaborative nature of addressing data quality issues.

CDG Consulting Associates LLC

“Rigorous analysis, practical solutions”.

Chris George
cgeorge005@Comcast.net
C: 770.335.2375

