The Relationship Between Big Data, Information Governance, and Data Governance

Richard Kessler

Atlanta, GA

May 15, 2015
Definitions and Interpretations

Data Governance

"The exercise of authority and control over the management of data assets to define, approve and communicate data strategies, policies, and standards; to track and enforce regulatory compliance and conformance to data..." etc.

– Data Architecture Management Association (DAMA)

"Data governance is a set of processes that ensures that important data assets are formally managed throughout the enterprise. Data governance ensures that data can be trusted and that people can be made accountable for any adverse event that happens because of low data quality."

– Wikipedia

Information Governance

"The specification of decision rights and an accountability framework to ensure appropriate behavior in the valuation, creation, storage, use, archiving and deletion of information. It includes the processes, roles and policies, standards and metrics that ensure the effective and efficient use of information in enabling an organization to achieve its goals."

– Gartner

"The activities and technologies that organization employ to maximize the value of their information while minimizing associated risks and costs."

– Information Governance Initiative

Big Data

"how companies can effectively manage, protect and leverage the growing amounts of data in the enterprise..." - The Big Data Summit's Web Site
# Information Governance – Responsibilities Example

## Solutions
- Communications Archiving Ecosystem
- Applications / Structured Data
- Physical and Electronic Documents
- "InfoGov" Policies, Processes, and Requirements

## Data Quality
- Detection and Reporting Working Group
- Archive / Data Ecosystem DQ Management
- Regional and Business-Specific Committees
- Investigative Consultation (e.g., Regulatory)

## Change Portfolio
- Business Change Portfolio
- IT Change Portfolio (e.g., Shared Services)
- Data Governance Program
- Big Data Analytics Programs

## Governance
- IG Oversight Committee
- IG Advisory Board
- IG Program Management Office
- Training & Education

## Risk
- Operational Risk Management
- Control Framework
- Functional / Department Risk Reporting
- Enterprise Risk Reporting

---

**BIG DATA SUMMIT**
One Governance "Ring" to "Rule" the Enterprise
Information Governance – Structure Example

Executive Committee(s)

Oversight Committee

- Legal
- Compliance
- Technology
- Information Governance Head
- Business Units
- Risk

Advisory Board

- eDiscovery Technology
- eDiscovery Counsel
- Records & Information Management
- Compliance / Risk Management
- Information Security
- Enterprise Architecture
- Data Protection / Data Privacy
- Technology Infrastructure

Business Unit / Regional Representatives

Program Management Office

- Global, Dedicated Information Governance Staff

Enterprise Change Portfolio

- Programs, Projects, Policy Changes, New Systems and Technologies (Mobility, Social, Voice, Cloud), Etc.
Coordinating the Facets of Information Governance

The facets of information governance. IG is a coordinating function for these activities.

Data derived from the Information Governance Initiative 2014 Annual Report. More info at [www.iginitiative.com](http://www.iginitiative.com) © 2014 Information Governance Initiative. Licensed under the Creative Commons Attribution-NoDerivatives 4.0 International License. This license allows for redistribution, commercial and non-commercial, as long as it is passed along unchanged and in whole, with credit to the Information Governance Initiative.
Characteristics of a Data-Focused IG Strategy

• **Fosters Good Communications** – broad awareness of activities, breaks down silos, initially disruptive and eventually creates new patterns

• **Supports Informed Decisions** – utilizes SMEs and "domain" checklists, aggregates, organizes and simplifies a broad array of information

• **Both Global and Local** – accounts for the global needs of the enterprise but not at the expense of local requirements, addresses conflicts

• **Supports Innovation and Rapid Change** – an enabler, not an inhibitor

• **Facilitates Collaboration and Challenge** – creates an environment that simplifies and encourages working together yet also supports "minority" opinions and has a process to address them

• **Broad and Holistic** – data is not "forgotten" when looking at Policies, Processes, People, Technology and Controls (AND DATA!); Data is also not looked at "in isolation"

• **Other characteristics?**
The Power Of One Governance Structure Over Data

- One Governance Structure: InfoGov Over All, InfoGov Overall
  - Regardless of what it's called...

- Smartly address the growing rate of change, complexity, volume of data
  - One organization, one set of needs, one set of solutions
  - Policies – fewer, aligned, global, an defensible
  - Processes – transparently and directly traceable to policies
  - People – trained, educated, and empowered to succeed
  - Technology – managed, simplified, scalable
  - Controls – applied where needed most, effective, comprehensive
  - Data – data quality and investment is focused where it is needed most

- As a coordinating function for your enterprise, a mature **Information Governance** structure can be used to align and coordinate all your data-focused initiatives
  - Data Governance
  - Big Data
  - As many facets or domains as can be practically and effectively managed...
Contact Information:
Richard Kessler
862 228 4510
richard.kessler@ubs.com
https://www.linkedin.com/pub/richard-p-kessler/1/3a0/51