Information/Data “Value” Governance Framework - v2019.v02

© Copyright 2012-2019 Martin Spratt All rights reserved.
For distribution, usage and derivative works of the INFORMATION VALUE GOVERNANCE FRAMEWORK
please refer to the licensing agreement attached.

Why is this framework different and so useful ?

1. Data Governance initiatives consistently fail due to the lack of commercial value creation
2. Data Risk and Compliance initiatives have rarely/never built sustainable, funded, reusable, non-redundant Data Foundations (BASEL, GDPR, BCBS239 have all failed on this).
3. By our definition Data Governance "governs to value creation and extraction"
4. We don't ignore risks and compliance matters, but view these through the lens of "a ZERO cost by-product" of a good governance regime.
5. Most frameworks have no language or construct to manage a commercial overlay to the Data Governance regime.

We define commercial value as:

1. Faster and easier data access & insights (Operational Efficiency, Faster & More Confident Decision Making)
2. Data that is accurate, trustworthy and auditable by usage, by process, by persona, avoiding rework (Corporate Speed, Data Quality)
3. Faster and easier monetization of data assets/files/gateways (selling/ licensing) (New and increasing data revenue streams)
4. Improved customer experience (Innovation)
5. Faster and Richer Product/Offering development (Innovation)
6. Ability to understand and secure sensitive data at a lower cost
7. Enhanced brand value (Goodwill)
8. Intangible Asset Value (Balance sheet & Company Valuation Advantages).

© Copyright 2012-2019 Martin Spratt All rights reserved.
For distribution, usage and derivative works of the INFORMATION VALUE GOVERNANCE FRAMEWORK please refer to the licensing agreement attached.

CLEAR
STRATEGIC IT PARTNERS

Preamble on Data Frameworks in General

PAST

Where do Data Maturity & Data Capability Models come from ?

TODAY

What Data Frameworks are available today ?

CHALLENGES

What's missing from earlier versions (and why create another one) ?

FUTURE

Where are we heading ?

© Copyright 2012-2019 Martin Spratt All rights reserved.
For distribution, usage and derivative works of the INFORMATION VALUE GOVERNANCE FRAMEWORK please refer to the licensing agreement attached.

CLEAR
STRATEGIC IT PARTNERS

Preamble on Data Frameworks in General

PAST

- These have developed over 25+ years, originating with DAMA's DMBoK and spawning many derivatives as the industry and peer groups (money, politics, industry verticals, standards) hav changed.
- These are generally all interrelated, and all have value.

TODAY

- There are actually many variations and versions over the years. Here are a few:
  - DAMA DMBoK (the original)
  - EDM Council (DMM and now DCAM)
  - CMMI DMM
  - and more.. Including Vendors, Consultancies and Law Firms are producing their own derivatives..

CHALLENGES

- Early versions had gaps (some covered these of in later versions) like Data Warehousing, Data Federation/Virtualization, Paper, Data Integration, API's, Open Source Data Software, Cloud Data (jurisdictional issues), Unstructured Data, Regulatory Compliance, Licensing (selling data) and other generational innovations
- Generic vs Specialised (eg; Banking)
- Overlaps
- Inconsistencies
- Illiteracy with Regulators, Boards and Executives.. (hard to consume)

FUTURE

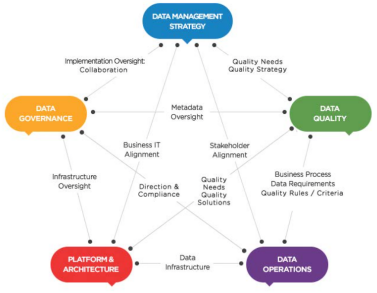
- The future of Data/Information Governance is commercially value driven ($, brand, customer experience, efficiency, innovation, product or service innovation, etc), with increasing Regulatory pressure (Security, Privacy, Accountability, etc) as a by-product...

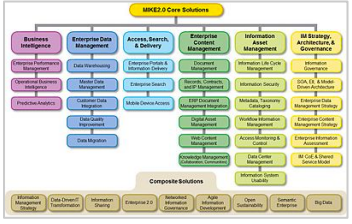
- Easy to Consume
- Endorsed by Regulators & (non IT) Business Leaders
- Commercial Value first (driver)
- Compliance as a predictable ZERO cost by-product

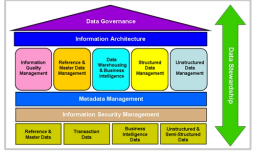
© Copyright 2012-2019 Martin Spratt All rights reserved.
For distribution, usage and derivative works of the INFORMATION VALUE GOVERNANCE FRAMEWORK please refer to the licensing agreement attached.

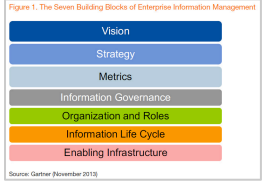
CLEAR
STRATEGIC IT PARTNERS

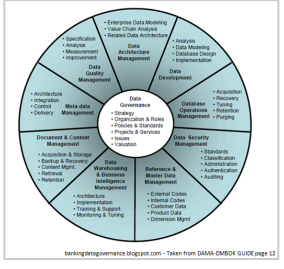
Classic vs Contemporary Frameworks

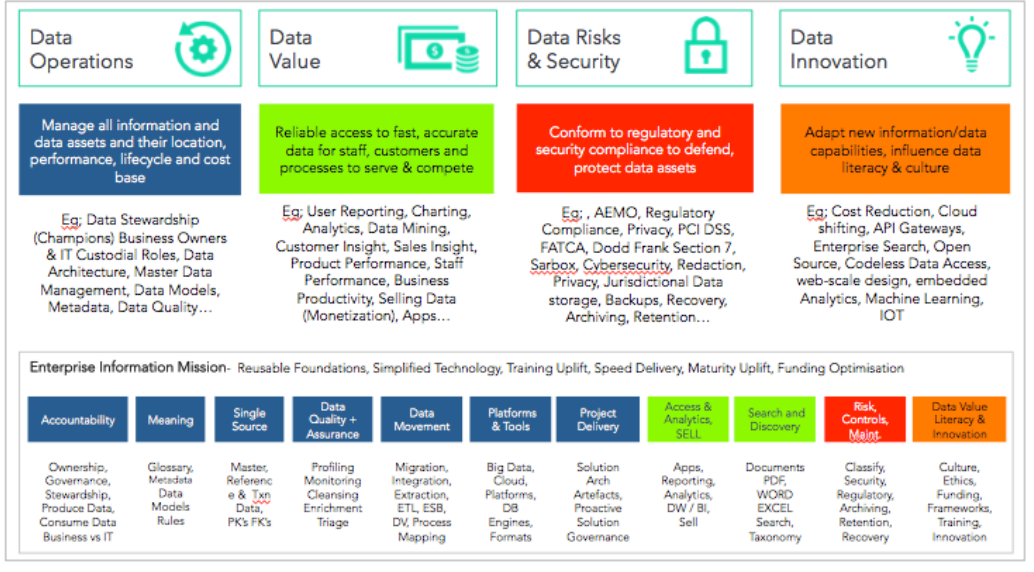












RISK & COMPLIANCE (Past)

- CLASSIC, RISK, COMPLIANCE
- Traditional focus is HOW to manage data
- Classic MIKE 2.0, DAMA DMBOK, Gartner, CMMI Data Maturity Model, etc..

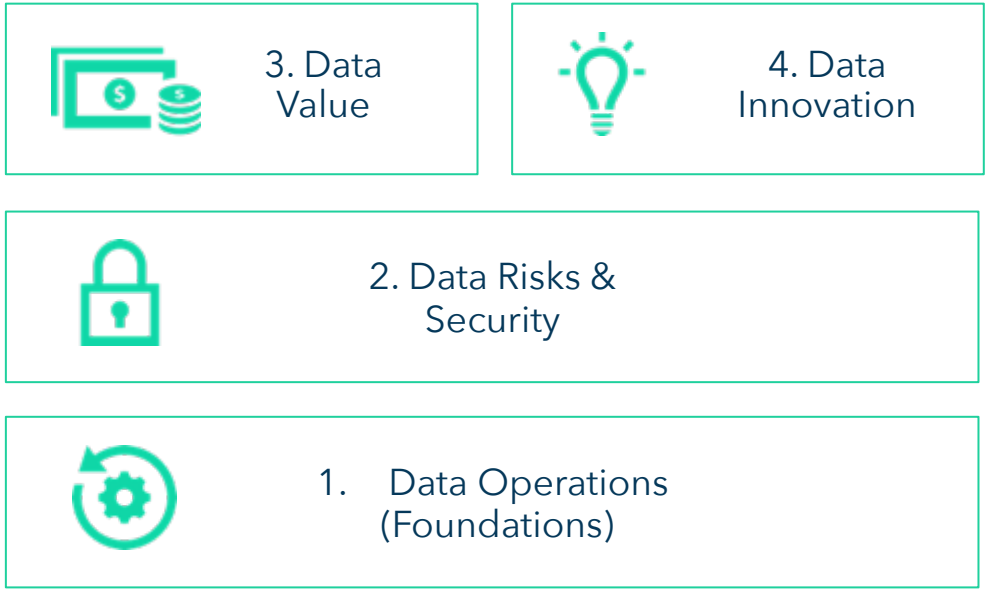
VALUE & INNOVATION (Future)

- VALUE & INNOVATION
- New data focus is What value users get from it's data assets
- Analytics, Self-Service, Omni Channel, Data Monetisation($), Data Revaluation, AASB 138 Intangible Assets, Information as a Second Language, Data First Culture, Trusted Data, Easy Business Access, ZERO cost compliance etc

© Copyright 2012-2019 Martin Spratt All rights reserved.
For distribution, usage and derivative works of the INFORMATION VALUE GOVERNANCE FRAMEWORK please refer to the licensing agreement attached.

CLEAR STRATEGIC IT PARTNERS

Information Value Governance Framework v2019.02



© Copyright 2012-2019 Martin Spratt All rights reserved.
For distribution, usage and derivative works of the INFORMATION VALUE GOVERNANCE FRAMEWORK please refer to the licensing agreement attached.

CLEAR STRATEGIC IT PARTNERS

Information Value Governance Framework v2019.02

Offensive Play (Value)

3. Data Value

4. Data Innovation

Offensive Play (Value)

Defensive Play (Risk)

2. Data Risks, Compilance & Security

1. Data Operations (Foundations)

Understanding, Sponsorship, Maturity, Funding, Sustainability , Operation, Metrics and Automation of this layer pre-determines the success of the above layers.

Global systemic illiteracy and poor governance are causing havoc in entire markets because this is not well understood.

© Copyright 2012-2019 Martin Spratt All rights reserved.
For distribution, usage and derivative works of the INFORMATION VALUE GOVERNANCE FRAMEWORK please refer to the licensing agreement attached.

CLEAR STRATEGIC IT PARTNERS

Information Value Governance Framework v2019.02

4. This is the sustainable driver for investment, governance and change. Value extraction is distorted, slow, insecure and expensive without (1) and (2) in place.

3. Data Value

4. Data Innovation

3. Innovation is slow, insecure and expensive without (1) and (2) in place.

2. Data Risks & Security

2. Completely dependent on funding, reliable, trusted foundations (1)

1. Required to support all Data Risks, Data Value Extraction (Reporting, Analytics, Apps), and Innovation (Cloud, Apps, etc).

Common breakages here are lacking, missing, unfunded foundations that create duplication, rework, poor quality data and excessive expense in (2), (3) and (4).

1. Data Operations (Foundations)

© Copyright 2012-2019 Martin Spratt All rights reserved.
For distribution, usage and derivative works of the INFORMATION VALUE GOVERNANCE FRAMEWORK please refer to the licensing agreement attached.

CLEAR STRATEGIC IT PARTNERS

Information Value Governance Framework v2019.02

Data Operations	Data Value	Data Risks & Security	Data Innovation
Manage all information and data assets and their location, performance, lifecycle, platforms, consumption and cost base.	Reliable access to fast, accurate data for staff, customers and processes to serve & compete	Conform to regulatory and security compliance to defend, protect data assets	Adapt new information/data capabilities, influence data literacy & culture
Eg; Data Stewardship (Champions) Business Owners & IT Custodial Roles, Data Architecture, Master Data Management, Data Models, Metadata, Data Quality…	Eg; User Reporting, Charting, Analytics, Data Mining, Customer Insight, Sales Insight, Product Performance, Staff Performance, Business Productivity, Selling Data (Monetization), Apps…	Eg; , AEMO, Regulatory Compliance, Privacy, PCI DSS, FATCA, Dodd Frank Section 7, Sarbox, Cybersecurity, Redaction, Privacy, Jurisdictional Data storage, Backups, Recovery, Archiving, Retention…	Eg; Cost Reduction, Cloud shifting, API Gateways, Enterprise Search, Open Source, Codeless Data Access, web-scale design, embedded Analytics, Machine Learning, IOT

Enterprise Information Mission- Reusable Foundations, Simplified Technology, Training Uplift, Speed Delivery, Maturity Uplift, Funding Optimisation

Accountability	Meaning	Single Source	Data Quality + Assurance	Data Movement	Platforms & Tools	Project Delivery	Access & Analytics, SELL	Search and Discovery	Risk, Controls, Maint.	Data Value Literacy & Innovation
Ownership, Governance, Stewardship, Produce Data, Consume Data Business vs IT	Glossary, Metadata Data Models Rules	Master, Reference & Txn Data, PK's FK's	Profiling Monitoring Cleansing Enrichment Triage	Migration, Integration, Extraction, ETL, ESB, DV, Process Mapping	Big Data, Cloud, Platforms, DB Engines, Formats	Solution Arch Artefacts, Proactive Solution Governance	Apps, Reporting, Analytics, DW / BI, Sell	Documents PDF, WORD EXCEL Search, Taxonomy	Classify, Security, Regulatory, Archiving, Retention, Recovery	Culture, Ethics, Funding, Frameworks, Training, Innovation

© Copyright 2012-2019 Martin Spratt All rights reserved.
For distribution, usage and derivative works of the INFORMATION VALUE GOVERNANCE FRAMEWORK please refer to the licensing agreement attached.

CLEAR STRATEGIC IT PARTNERS

Information Value Governance Framework v2019.02

Data Operations	Data Value	Data Risks & Security	Data Innovation
Manage all information and data assets and their location, performance, lifecycle and cost base	Reliable access to fast, accurate data for staff, customers and processes to serve & compete	Conform to regulatory and security compliance to defend, protect data assets	Adapt new information/data capabilities, influence data literacy & culture
Eg; Data Stewardship (Champions) Business Owners & IT Custodial Roles, Data Architecture, Master Data Management, Data Models, Metadata, Data Quality…	Eg; User Reporting, Charting, Analytics, Data Mining, Customer Insight, Sales Insight, Product Performance, Staff Performance, Business Productivity, Selling Data (Monetization), Apps…	Eg; , AEMO, Regulatory Compliance, Privacy, PCI DSS, FATCA, Dodd Frank Section 7, Sarbox, Cybersecurity, Redaction, Privacy, Jurisdictional Data storage, Backups, Recovery, Archiving, Retention…	Eg; Cost Reduction, Cloud shifting, API Gateways, Enterprise Search, Open Source, Codeless Data Access, web-scale design, embedded Analytics, Machine Learning, IOT

Enterprise Information Mission- Reusable Foundations, Simplified Technology, Training Uplift, Speed Delivery, Maturity Uplift, Funding Optimisation

Accountability	Meaning	Single Source	Data Quality + Assurance	Data Movement	Platforms & Tools	Project Delivery	Access & Analytics, SELL	Search and Discovery	Risk, Controls, Maint.	Data Value Literacy & Innovation
Ownership, Governance, Stewardship, Produce Data, Consume Data Business vs IT	Glossary, Metadata Data Models Rules	Master, Reference & Txn Data, PK's FK's	Profiling Monitoring Cleansing Enrichment Triage	Migration, Integration, Extraction, ETL, ESB, DV, Process Mapping	Big Data, Cloud, Platforms, DB Engines, Formats	Solution Arch Artefacts, Proactive Solution Governance	Apps, Reporting, Analytics, DW / BI, Sell	Documents PDF, WORD EXCEL Search, Taxonomy	Classify, Security, Regulatory, Archiving, Retention, Recovery	Culture, Ethics, Funding, Frameworks, Training, Innovation

© Copyright 2012-2019 Martin Spratt All rights reserved.
For distribution, usage and derivative works of the INFORMATION VALUE GOVERNANCE FRAMEWORK please refer to the licensing agreement attached.

CLEAR STRATEGIC IT PARTNERS

Maturity Assessment – Samples – Takes about a day

Data Operations	Data Value	Data Risks & Security	Data Innovation
Manage all information and data assets and their location, performance, lifecycle and cost base	Reliable access to fast, accurate data for staff, customers and processes to serve & compete	Conform to regulatory and security compliance to defend, protect data assets	Adapt new information/data capabilities, influence data literacy & culture
Eg; Data Stewardship (Champions) Business Owners & IT Custodial Roles, Data Architecture, Master Data Management, Data Models, Metadata, Data Quality…	Eg; User Reporting, Charting, Analytics, Data Mining, Customer Insight, Sales Insight, Product Performance, Staff Performance, Business Productivity, Selling Data (Monetization), Apps…	Eg; , AEMO, Regulatory Compliance, Privacy, PCI DSS, FATCA, Dodd Frank Section 7, Sarbox, Cybersecurity, Redaction, Privacy, Jurisdictional Data storage, Backups, Recovery, Archiving, Retention…	Eg; Cost Reduction, Cloud shifting, API Gateways, Enterprise Search, Open Source, Codeless Data Access, web-scale design, embedded Analytics, Machine Learning, IOT

Legend:

- High
- Medium
- Low
- Not Assessed

Enterprise Information Mission- Reusable Foundations, Simplified Technology, Training Uplift, Speed Delivery, Maturity Uplift, Funding Optimisation

Accountability	Meaning	Single Source	Data Quality + Assurance	Data Movement	Platforms & Tools	Project Delivery	Access & Analytics, SELL	Search and Discovery	Risk, Controls, Maint.	Data Value Literacy & Innovation
Ownership, Governance, Stewardship, Produce Data, Consume Data Business vs IT	Glossary, Metadata Data Models Rules	Master, Reference & Txn Data, PK's FK's	Profiling Monitoring Cleansing Enrichment Triage	Migration, Integration, Extraction, ETL, ESB, DV, Process Mapping	Big Data, Cloud, Platforms, DB Engines, Formats	Solution Arch Artefacts, Proactive Solution Governance	Apps, Reporting, Analytics, DW / BI, Sell	Documents PDF, WORD EXCEL Search, Taxonomy	Classify, Security, Regulatory, Archiving, Retention, Recovery	Culture, Ethics, Funding, Frameworks, Training, Innovation

© Copyright 2012-2019 Martin Spratt All rights reserved.
For distribution, usage and derivative works of the INFORMATION VALUE GOVERNANCE FRAMEWORK please refer to the licensing agreement attached.

CLEAR STRATEGIC IT PARTNERS

Future Potential Derivatives

Industry Versions

Subject Domain Versions

National / Government / Regulator Versions

Multi-lingual Versions

© Copyright 2012-2019 Martin Spratt All rights reserved.
For distribution, usage and derivative works of the INFORMATION VALUE GOVERNANCE FRAMEWORK please refer to the licensing agreement attached.

CLEAR STRATEGIC IT PARTNERS

Your Licence and Usage (or Derivative Works) Obligations

Legal Language

This framework is not legal, regulatory or financial advice and users are encouraged to obtain professional advice about the application of any legislation , prudential standard or technical guidance relevant to their particular circumstances and to exercise their own skill and care in relation to any material contained in this framework.

Clear Strategic IT Partners Pty Ltd, Martin Spratt (the author), their agents, distributors and assignees disclaim any liability for any loss or damage arising out of any use of this framework.

Clear Strategic IT Partners, the name, the logo and insignia are the property of the company and not included in this license.

© Copyright Clear Strategic IT Partners Pty Ltd 2012, 2019.

This work is licensed under the Creative Commons Attribution 3.0 Australia Licence (CCBY 4.0).

This licence allows you to copy, distribute and adapt this work, provided you transparently attribute the work, and do not suggest or infer in any way that Clear Strategic IT Partners Pty Ltd, or Martin Spratt (the author) endorses you or your work.

To view a full copy of the terms of this licence. please
visit https://creativecommons.org/licenses/by/4.0/

Simple Language (be honest and courteous)

- Don't copy or use the Clear Logo without written permission. It's NOT included in the license. Use anything else you find helpful.
- Usage of the framework does not mean we endorse your usage or derivative works. Please don't say that or infer that, unless we of course agree in writing. Just ask first for any form of endorsement. We want to help you.
- If you do use or derive new works from this framework, you are legally obliged to state in these, or similar words:
    - Derived from the original Information Governance Value Framework v2019.02 by Martin Spratt under Creative Commons License 4.0.

Any questions ?

Martin.Spratt@ClearStrategicIT.com
Melbourne +61.466.839944
Atlanta 1. 1.470.226.3411

© Copyright 2012-2019 Martin Spratt All rights reserved.
For distribution, usage and derivative works of the INFORMATION VALUE GOVERNANCE FRAMEWORK please refer to the licensing agreement attached.

CLEAR
STRATEGIC IT PARTNERS

Martin Spratt
Business Technology Advisory
Architecture & Planning

Martin.Spratt@ClearStrategicIT.com
Support +61.466.83.9944
Global Sales +1.470.226.3411

© Copyright 2012-2019 Martin Spratt All rights reserved.
For distribution, usage and derivative works of the INFORMATION VALUE GOVERNANCE FRAMEWORK
please refer to the licensing agreement attached.