

EDM Webinar 

Knowledge Models that Solve the Data Management Puzzle: A Practical Guide

Part 2 of a two-part webinar series

May 18, 2022

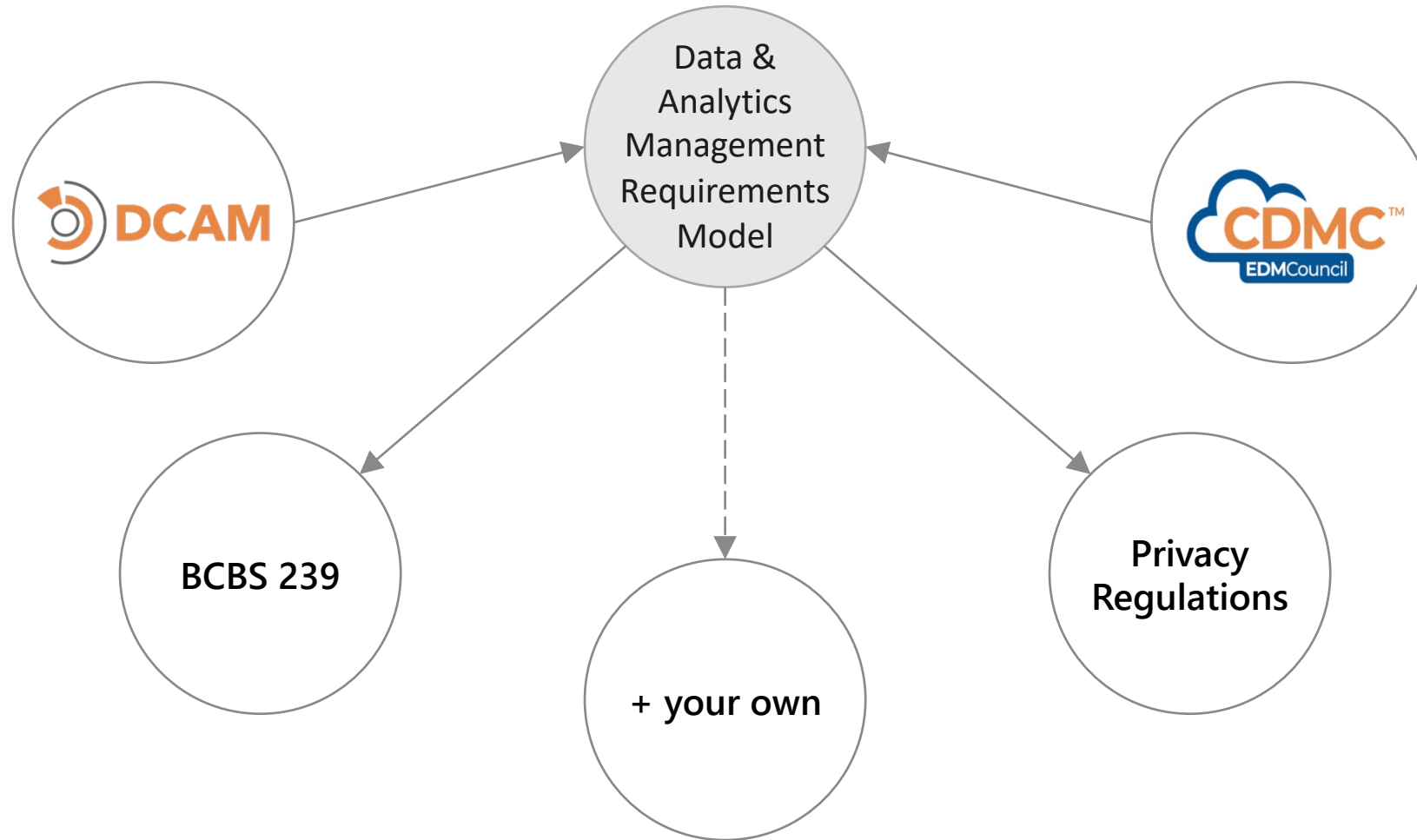


Our Moderator: Mike Meriton – Co-founder & COO, EDM Council

- Joined EDM Council full-time 2015 to lead Industry Engagement
- EDM Council Co-Founder & First Chairman (2005-2007)
- EDM Council Finance Board Chair (2007-2015)
- Former CEO GoldenSource (2002-2015)
- Former Executive for D&B Software and Oracle
- FinTech Innovation Lab – Executive Mentor (2011 – Present)



The purpose of the Requirements Model



Welcome to our presenters



Mark McQueen

Managing Partner – US



Peter Ferguson

Principal Data Architect



Matt McQueen

Senior Consultant



Requirements Model

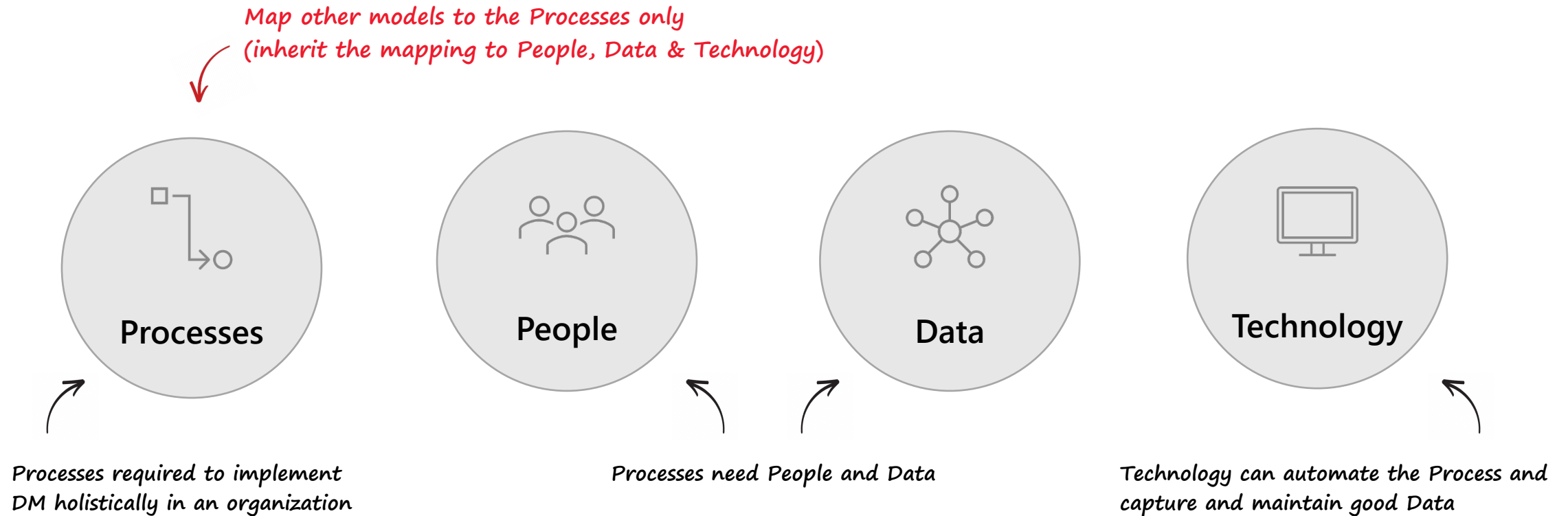


Mark McQueen

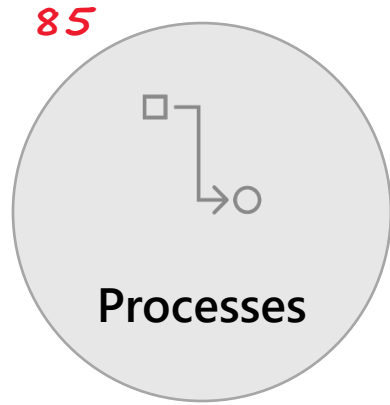
Managing Partner – US



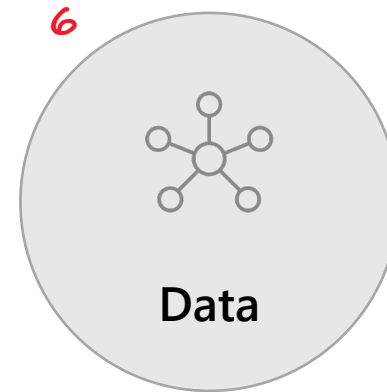
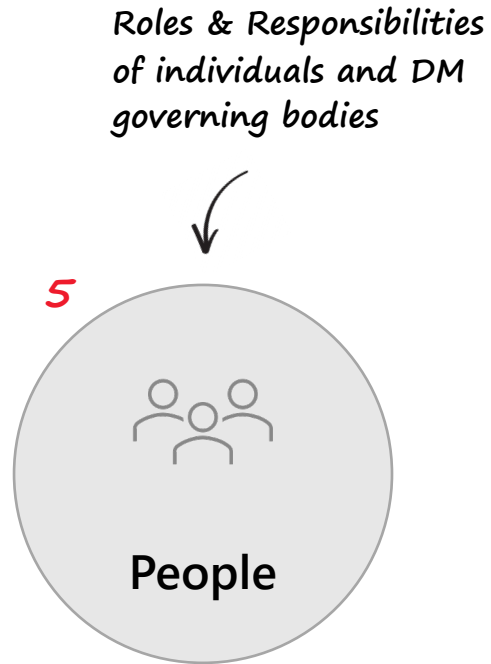
Underlying requirements for managing your data



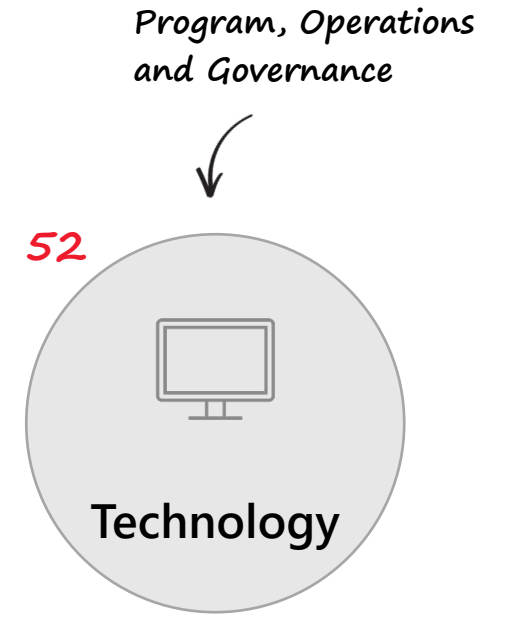
How it's structured



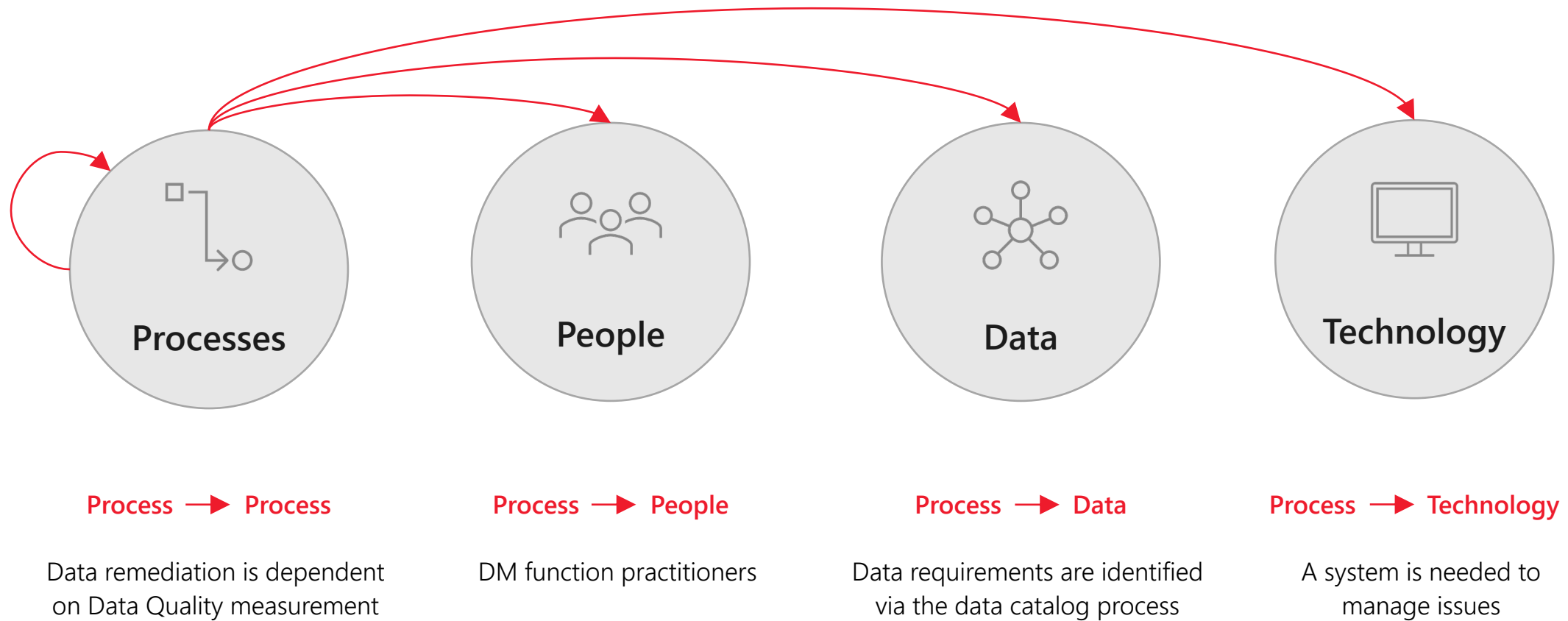
*Program, Operations
and Governance*



*Control Framework and
Standard Data Models,
Taxonomies & Metrics*



An example: Data Remediation

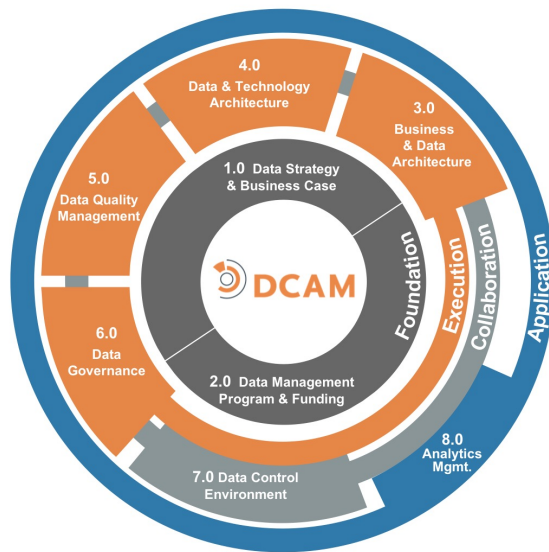




Adding DCAM & CDMC Frameworks

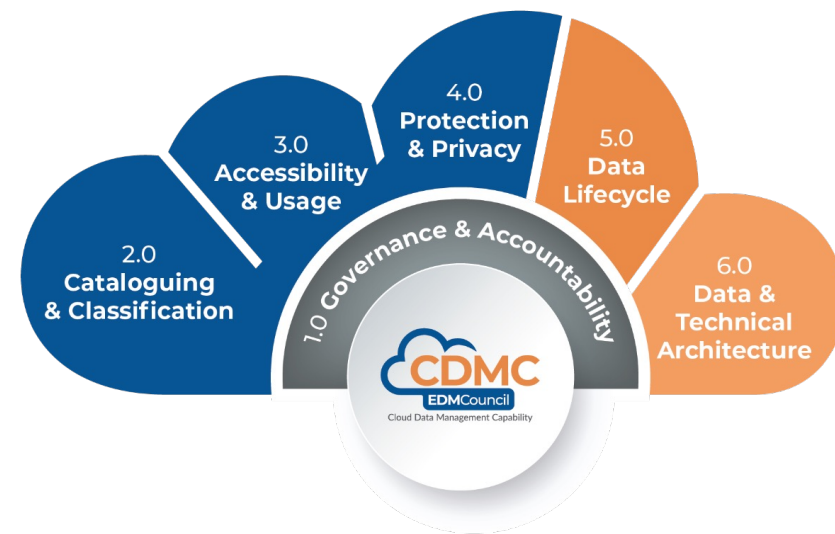
What are DCAM and CDMC?

DCAM® is the Data Management
Capability Assessment Model



DCAM is a comprehensive data & analytics
management framework

CDMC™ is the Cloud Data
Management Capability Model



CDMC is a framework that addresses the unique opportunities
and challenges of managing data in the cloud

These industry-standard best practice Data Management frameworks are developed by the EDM Council.
DCAM is available to members and CDMC is available as a free license to members and non-members.

Mapping DCAM/CDMC to the Requirements Model

DCAM Framework

1. Data Management Strategy & Business Case
2. Data Management Program & Funding Model
3. Business & Data Architecture
4. Data & Technology Architecture
5. Data Quality Management
6. Data Governance
7. Data Control Environment
8. Analytics Management

Requirements Model



Processes



People



Data

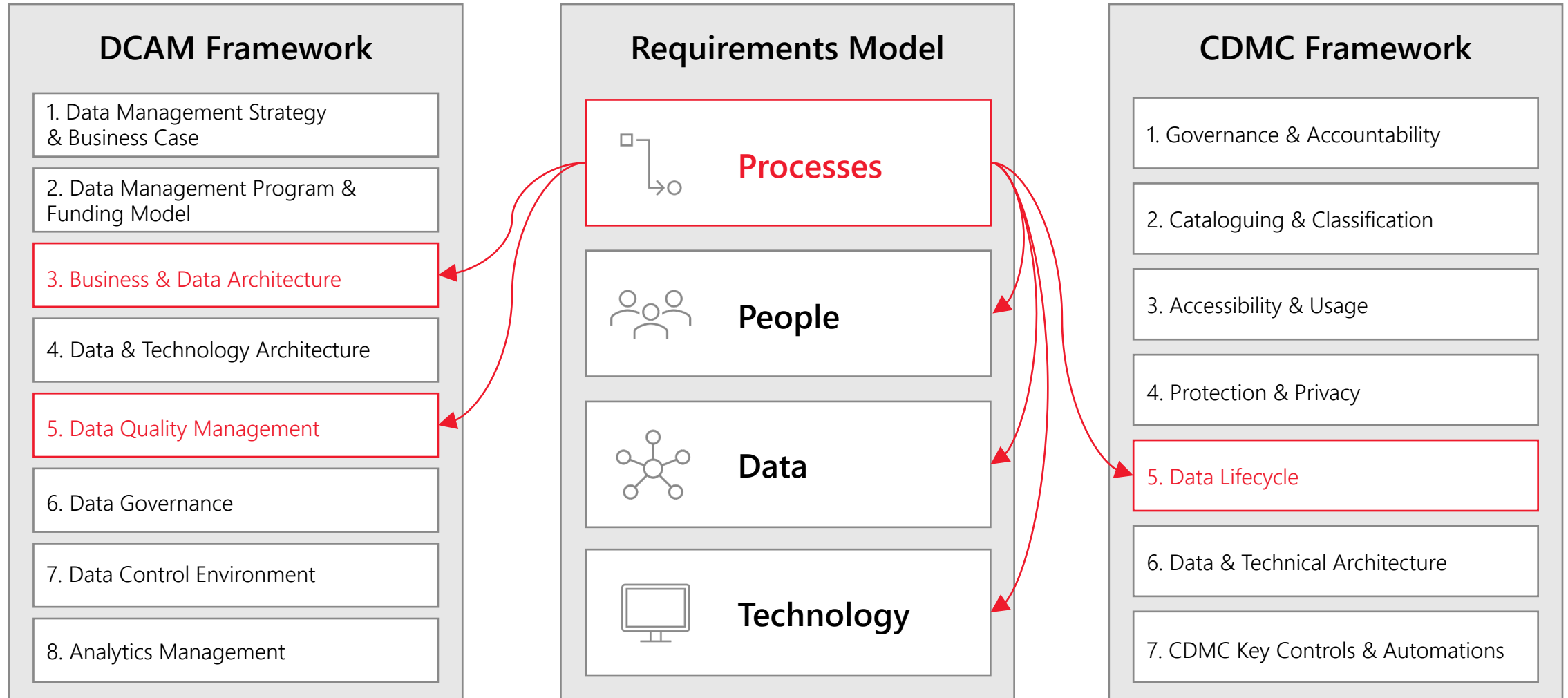


Technology

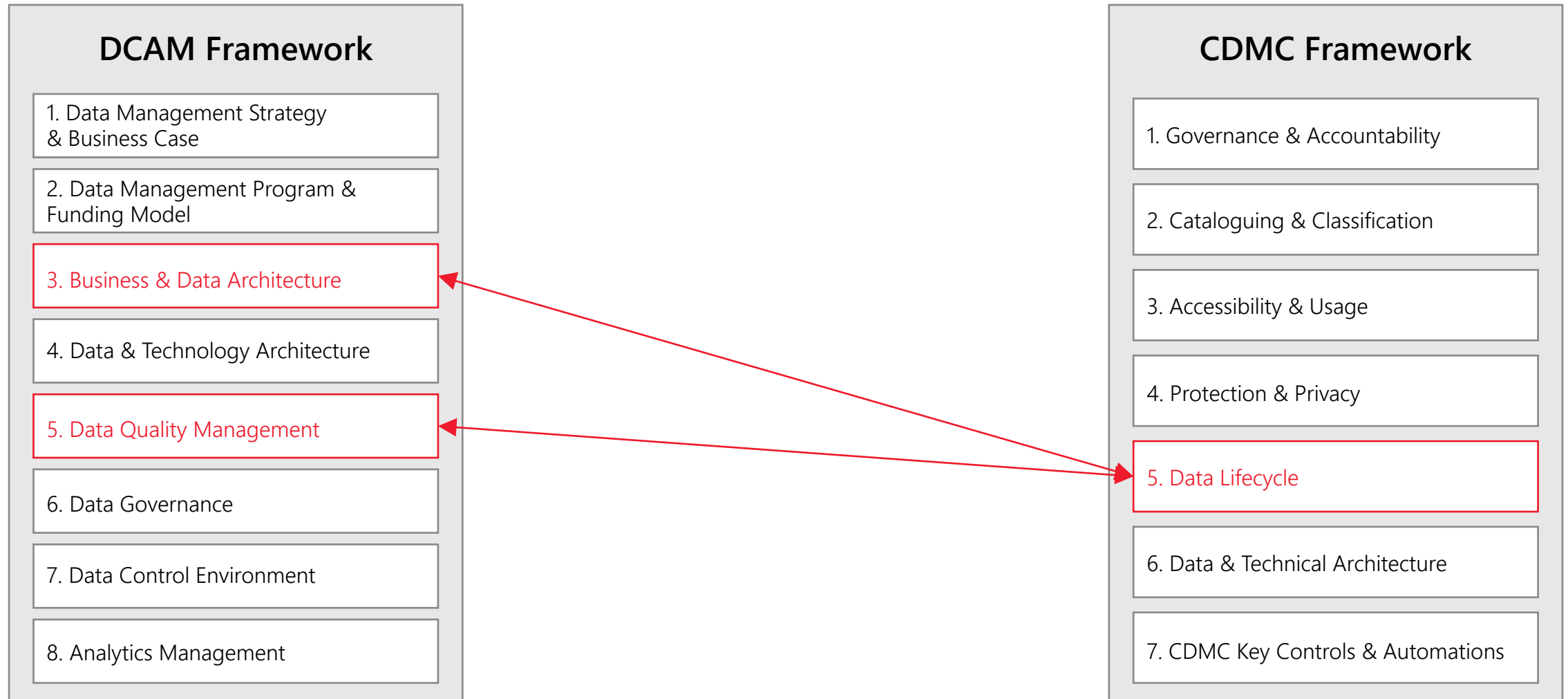
CDMC Framework

1. Governance & Accountability
2. Cataloguing & Classification
3. Accessibility & Usage
4. Protection & Privacy
5. Data Lifecycle
6. Data & Technical Architecture
7. CDMC Key Controls & Automations

Our example: Data Remediation



Our example: Data Remediation



Scenario 1: Anna is starting a greenfield Data Management function



Anna, new CDAO

- New DM function
- DCAM chosen
- Considering Cloud
- No Solidatus license

Using the DCAM & CDMC model, Anna can...



Prioritize and sequence her DM capability design, and align it to her start-up Data Strategy



Create a DM capability roadmap for the first year, which helps to build buy-in from the CEO and leadership team



Draw up the expertise and roles she needs to create an Office of Data Management



Start to articulate the value of managing data in the cloud

Scenario 2: Bob's done a DCAM Assessment and wants to improve his score



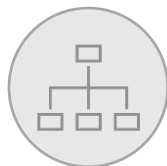
Bob, CDAO

- DM established
- DCAM Assessment
- Solidatus license

Using the DCAM & CDMC model, Bob can...



Add his DCAM scores to the model, at both at an enterprise level and for individual divisional groups



Compare DCAM scores across different divisions to identify capability gaps specific to certain teams



Reveal process dependencies and any gaps in his Data Management technology tool stack



Create a capability uplift plan and set uplift targets for the next annual DCAM assessment

Scenario 3: Charlie is starting to use CDMC



Charlie, CDAO

- DM established
- DCAM Assessment
- CDMC Assessment
- Solidatus license

Using the DCAM & CDMC model, Charlie can...



Add his DCAM Assessment scores and CDMC Readiness Assessment scores to the model, to identify capability gaps



Analyze the DCAM sub-capabilities that share a relationship to CDMC sub-capabilities to see the foundations he needs



Identify the areas that CDMC does not map to, to understand the basic capabilities still needed



Create an uplift roadmap to fill gaps in capabilities, based on the required dependencies and sequencing



Adding Regulations

Aligning regulations: Privacy

Through analysis of the regulation, organize an interpretation object based on impacts to data or data management



Privacy Regulations

Privacy Thematic Areas

- Data Subject Rights
- Data Handling Rights
- Training
- Governance & Accountability
- Security
- Change Management
- Audit

GDPR

DCAM Framework

1. Data Management Strategy & Business Case

2. Data Management Program & Funding Model

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4. Data & Technology Architecture

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Requirements Model



Processes



People



Data



Technology

CDMC Framework

1. Governance & Accountability

2. Cataloguing & Classification

3. Accessibility & Usage

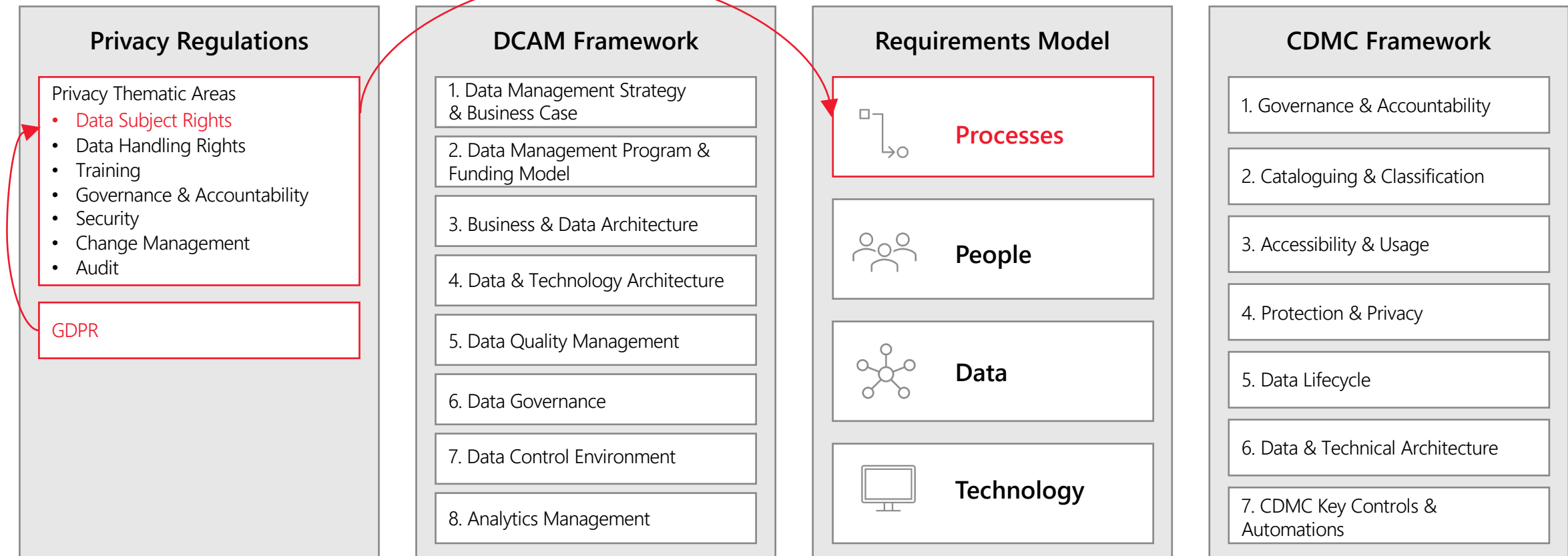
4. Protection & Privacy

5. Data Lifecycle

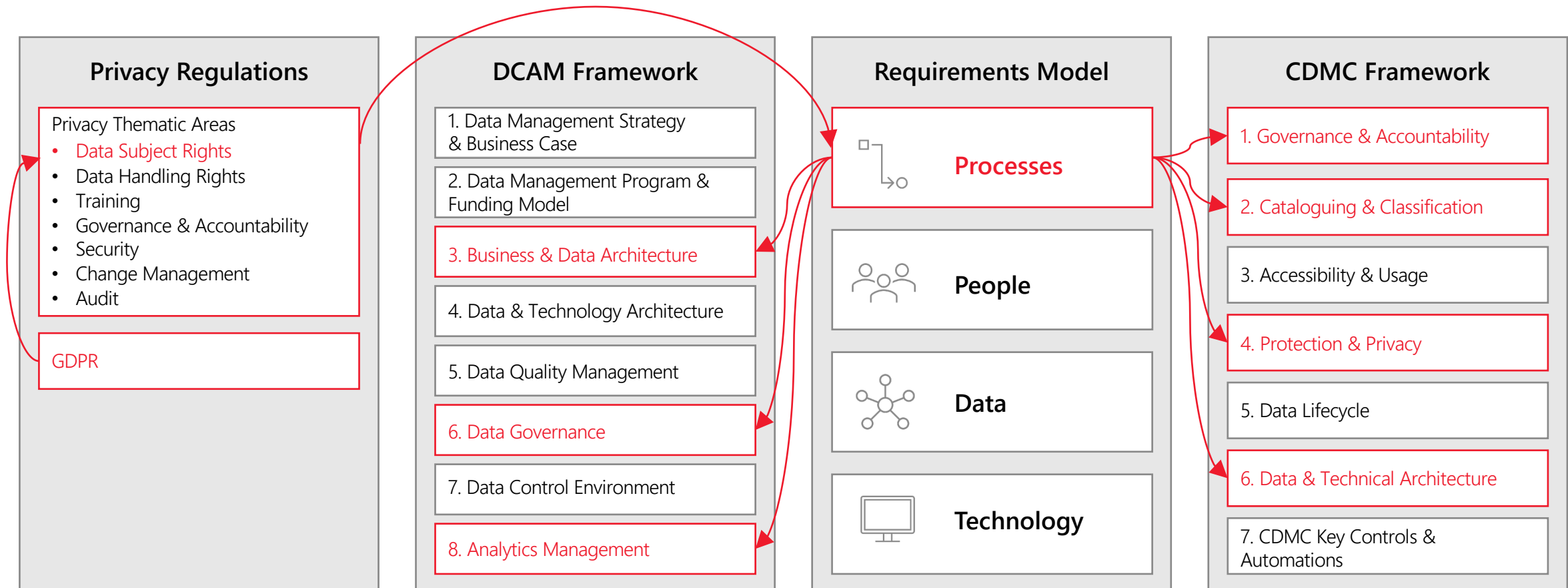
6. Data & Technical Architecture

7. CDMC Key Controls & Automations

Aligning regulations: Privacy



Aligning regulations: Privacy



Scenario 4: Deeksha is checking compliance with Privacy regulations



Deeksha, CDAO

- Privacy regulations
- Multi-jurisdiction
- DCAM Assessment
- Solidatus license

Using the Global Privacy Regulations model, Deeksha can...



Leverage the industry-standard GDPR requirements to gain understanding and internal approval quickly



Prioritize the data management capabilities required by the privacy process in her capability uplift plans

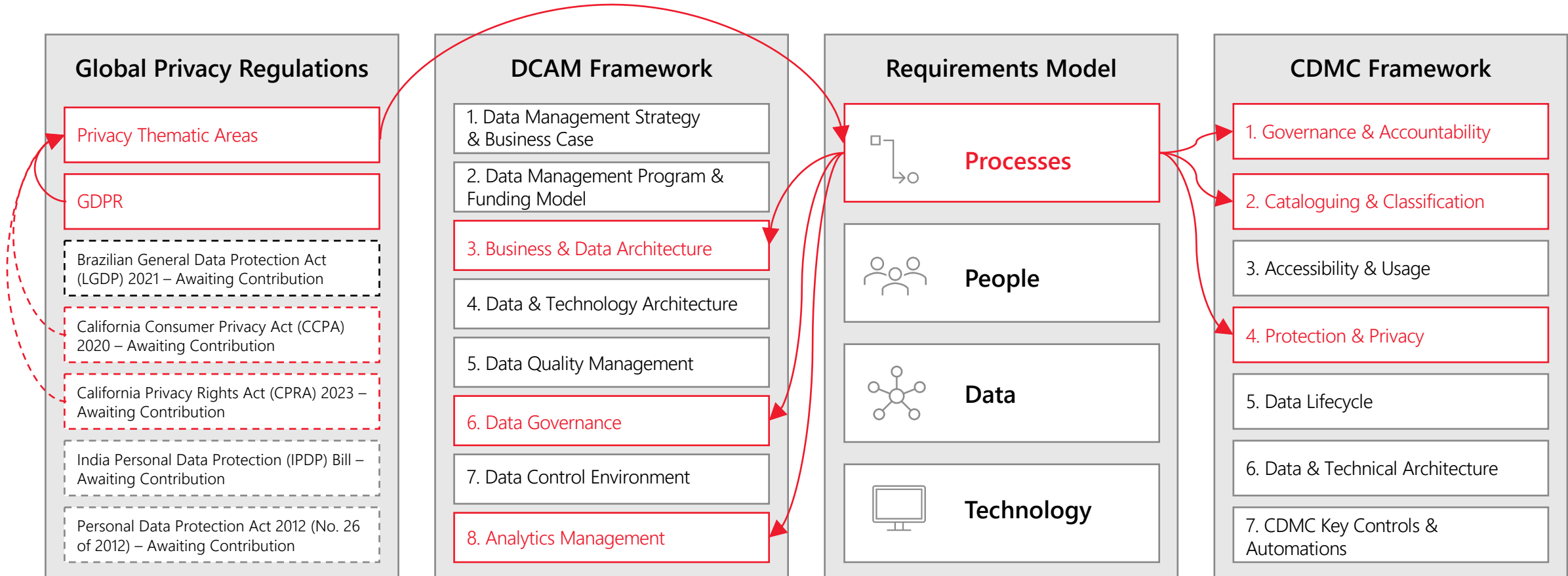


Use the model more broadly to help her Privacy Control team document their processes and compliance narrative



Work with her Chief Privacy Officer to align legislation from other jurisdictions in Solidatus

Aligning regulations: Privacy – making it global



Solidatus Deep Dive



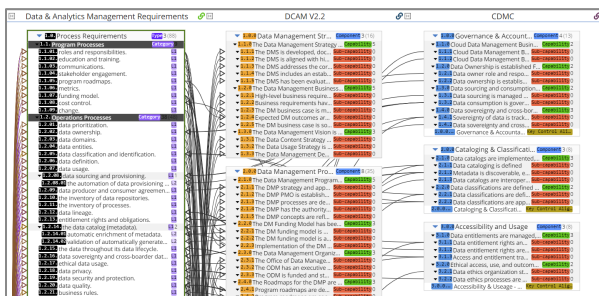
Matt McQueen

Senior Consultant

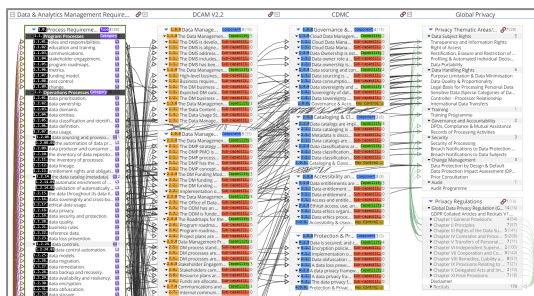


What you're about to see

Using the read-only versions of the models available from the EDM Council

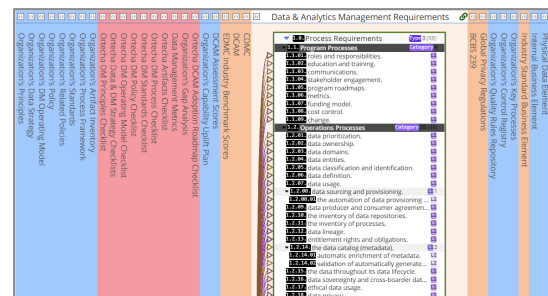


D&A Mgmt Requirements:
DCAM & CDMC Model



D&A Mgmt Requirements:
Global Privacy Model

The 'Art of the Possible'
when you have your own instance of Solidatus and
can add your organization's content to the models



Ortecha:
Digital Data Management Value Chain

Solidatus Features & Use


















Peter Ferguson

Principal Data Architect



Solidatus Connectors: a selection from a longer list

 <p>Alteryx Visualise your Alteryx workflows in Solidatus models with field-level lineage of inputs to outputs.</p>	 <p>Amazon Redshift Automatically loads Amazon Redshift schemas into a Solidatus model.</p>	 <p>Apache Hive Loads Apache Hive schemas into a Solidatus model and also parses SQL statements and stored procedures.</p>
 <p>Collibra Load, visualise and update Collibra communities into Solidatus. Link domains and assets with lineage, update metadata, and load back into Collibra.</p>	 <p>Erwin Data Modeller Automatically load both logical and physical views of an Erwin data model, containing the standard data modelling object types.</p>	 <p>Google BigQuery Automatically loads Google BigQuery schemas into a Solidatus model and also parses SQL statements and stored procedures.</p>
 <p>Snowflake Automatically loads Snowflake schemas into a Solidatus model.</p>	 <p>Sybase Automatically loads Sybase schemas into a Solidatus model.</p>	 <p>Teradata Loads Teradata schemas into a Solidatus model and also parses SQL statements and stored procedures.</p>
 <p>MySQL Automatically loads MySQL schemas into a Solidatus model.</p>	 <p>Neo4j Load nodes and relationships into a Solidatus model from a Neo4j database or Cypher query.</p>	 <p>Oracle DB Loads Oracle schemas into a Solidatus model and also parses SQL statements and stored procedures.</p>
 <p>PostgreSQL Automatically loads PostgreSQL schemas into a Solidatus model.</p>	 <p>RDF Visualise your RDF data files as a customisable Solidatus model.</p>	 <p>Silwood Safyr Loads data from CRM systems supported by Silwood Safyr, such as SAP, Salesforce, etc.</p>

Q&A



Mike Meriton



Mark McQueen



Peter Ferguson



Matt McQueen



Solidatus: Changing the way the world manages data

Trusted by many EDM Council member organizations and companies globally



Your data, by design

delivering a living digital data blueprint



Connected data governance

helping you understand and manage complex data relationships



Transforming and adding value

including data sharing, ESG, regulatory compliance, cloud migration...

Find out more

hello@solidatus.com

solidatus.com

Ortecha: the Data Management experts



Diagnose & Measure

I'd like to understand what my Data & Analytics Management capabilities are



Plan & Implement

I need to build my Data & Analytics Management capabilities



Optimize & Automate

I want to improve my Data & Analytics Management capabilities



Train & Sustain

I'd like my people to be coached and guided



Focus & Accelerate

I need to resolve a specific business data problem

Get in touch with Mark



mark.mcqueen@ortecha.com

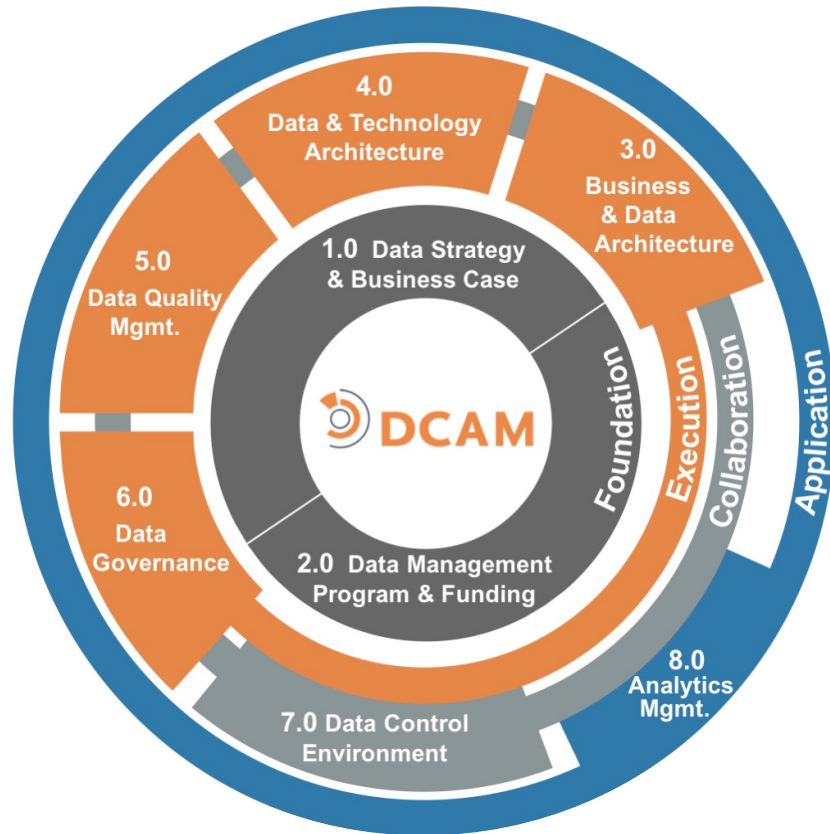
www.ortecha.com

EDM Council: Best Practice Frameworks



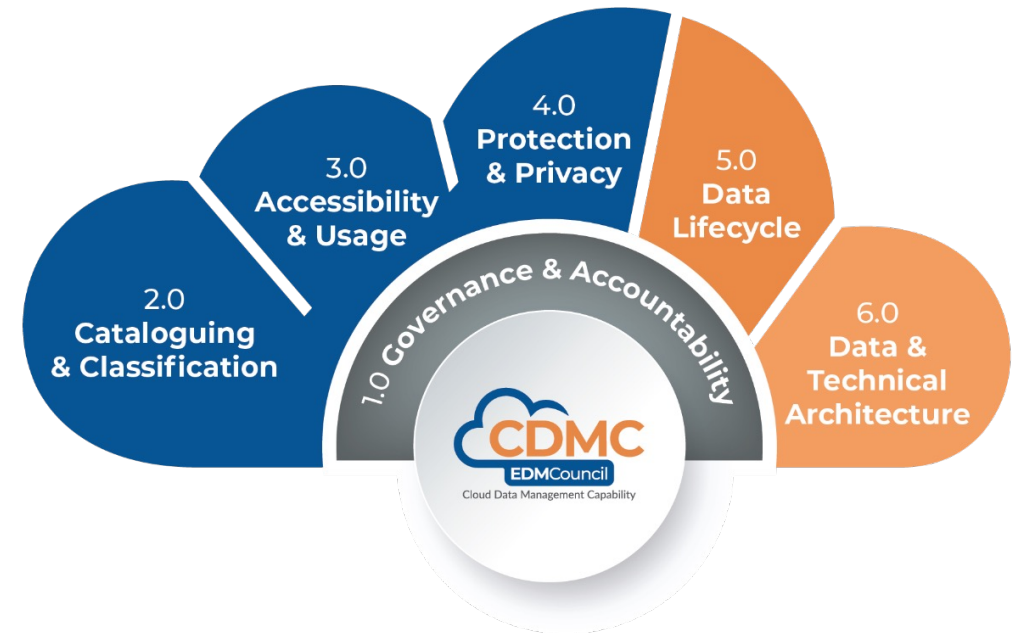
Industry-standard best practices for data management and advanced analytics

www.edmcouncil.org > DCAM



Download a **free license** for your company's internal use

www.edmcouncil.org > CLOUD



For more information, contact **Colin Gibson**: cgibson@edmcouncil.org



EDM Webinar 

Thank you!

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