



# Accelerating Analytics While Complying with Privacy Regulations



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Field CTO, Alation



Mark McQueen  
Managing Partner, Ortecha

# About the Presenters



- Alation is a global market leader in data intelligence, data cataloging and data governance solutions.
- John Wills, Field CTO, is the author of Alation's "Active Data Governance" approach, and advises customers on emerging concepts such as data mesh, data fabric, and the modern data stack.
- Prior to Alation, John has 30+ years experience with Collibra, IBM, HP and SAP.



- Ortecha is a global data consultancy with operations in Nashville and the UK, and an EDM Council DCAM & CDMC authorized partner.
- Mark has served as the industry-standard Data Management Capability Assessment Model (DCAM®) product manager for 5 years.
- He has delivered training to 800+ DCAM & CDMC practitioners, and prior to Ortecha, was the Divisional Data Officer for a global bank based in the U.S.

# Topics

- Modern Self-Service Analytics
- Regulatory Challenge and Friction
- CDMC Industry Standard
- Implementation Approach & Lessons Learned

# Modern Analytics Self-Service is Catalog Driven

- A repository of metadata on information sources across an organization
  - Search & discovery
  - Data governance & curation
  - Collaboration & analysis
- Catalogs a broad range of information assets
  - Data sets, tables, articles, reports, queries, visualizations, conversations
- Includes common functionality such as:

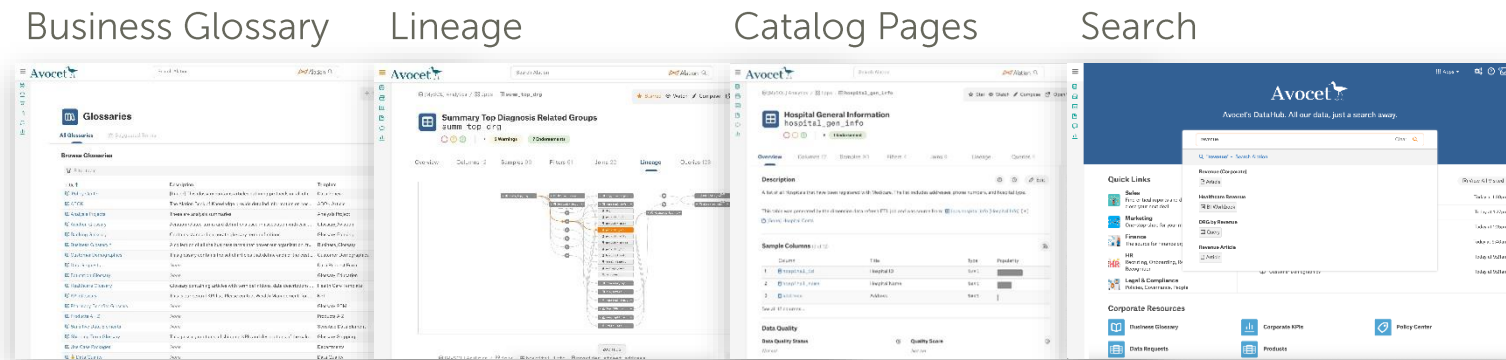
Answers these core questions:

How to find information?

Can it be used?

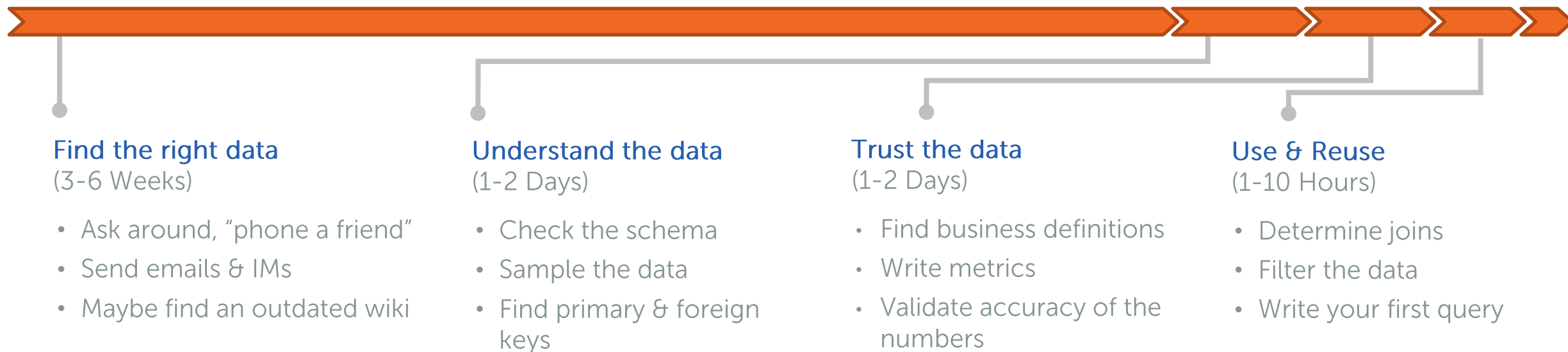
Should it be used?

How should it be used?



# The Catalog Compresses Data Search & Discovery

## Traditional Self-Service Timeline



◀ 1-2 days ▶

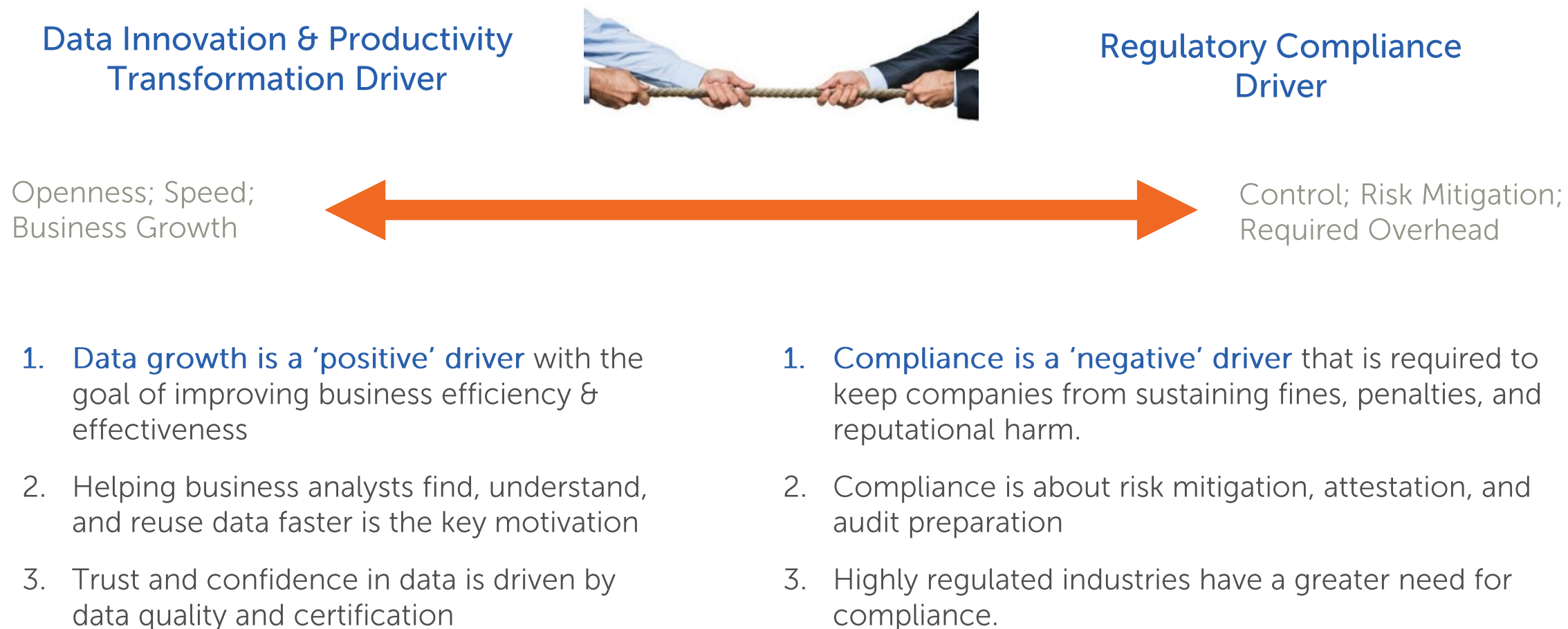
## Timeline with modern catalog



# Topics

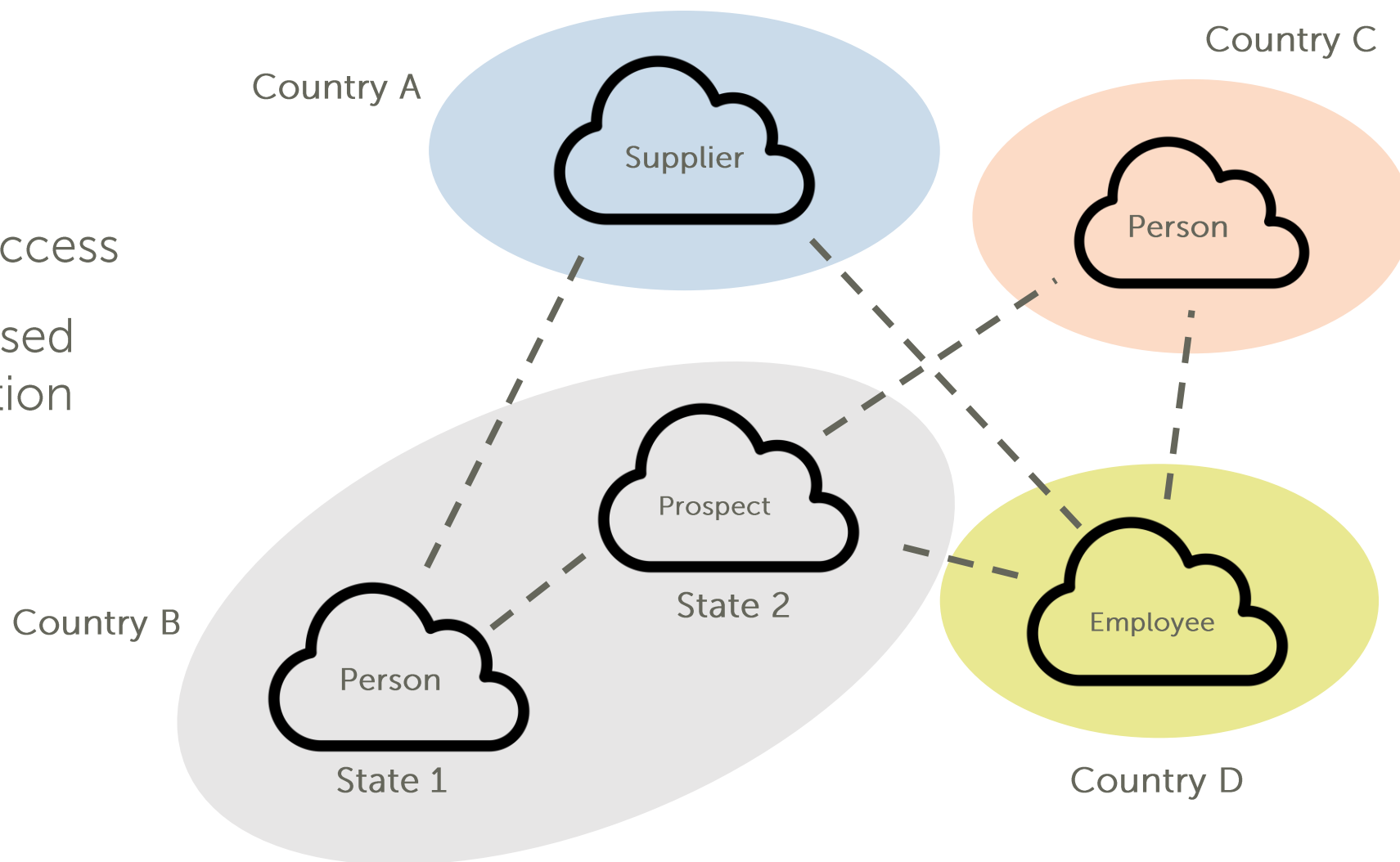
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# The Regulatory Challenge



# The Growing Cloud Challenge

- Multi-cloud
- Hybrid-cloud
- Cross jurisdictional access
- Hybrid ownership based on content and location

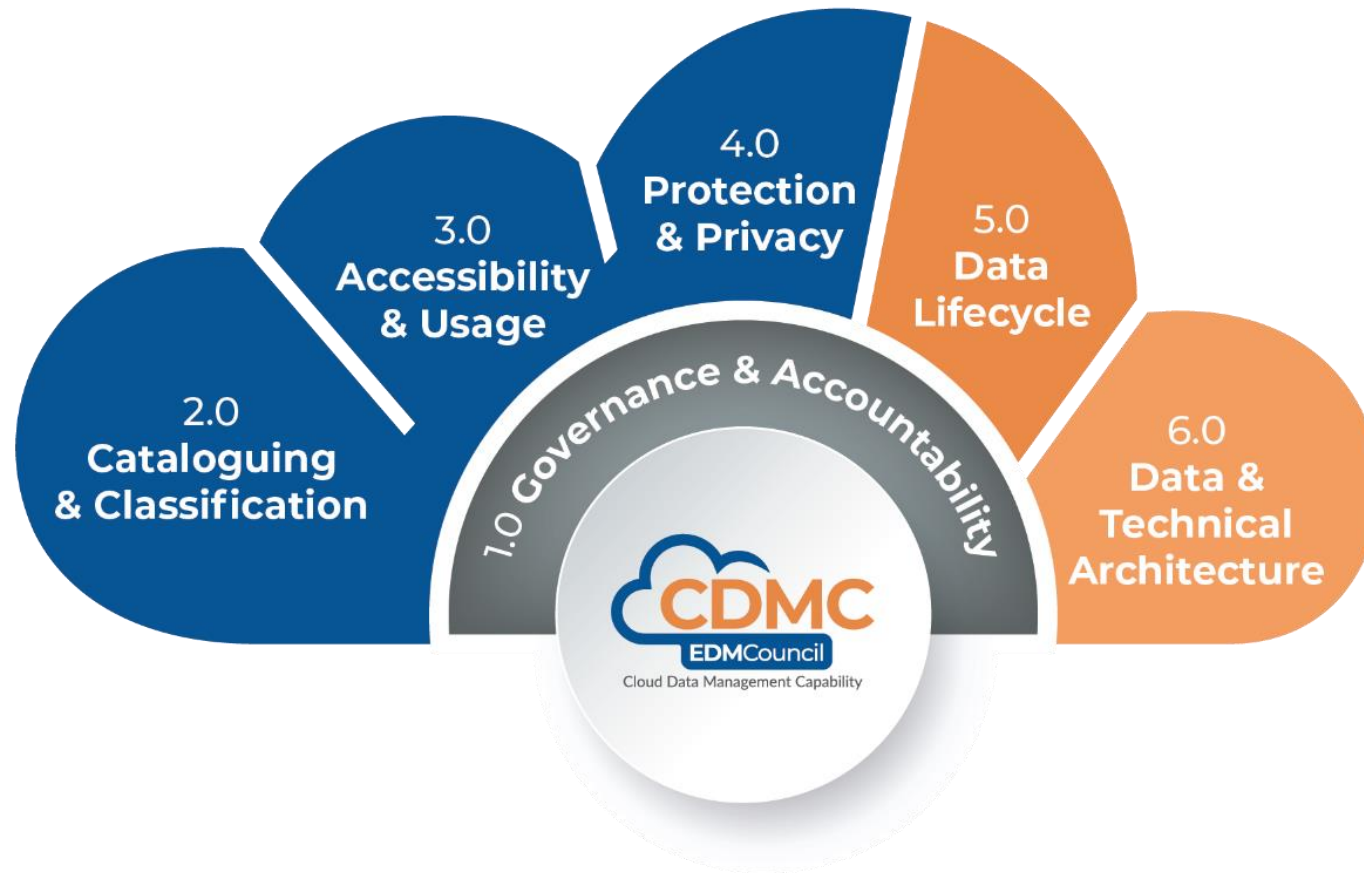




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# Cloud Data Management Capability: Overview



## Use Cases

Automation (All Data)

Framework

Readiness Assessments

Certification – Consumers

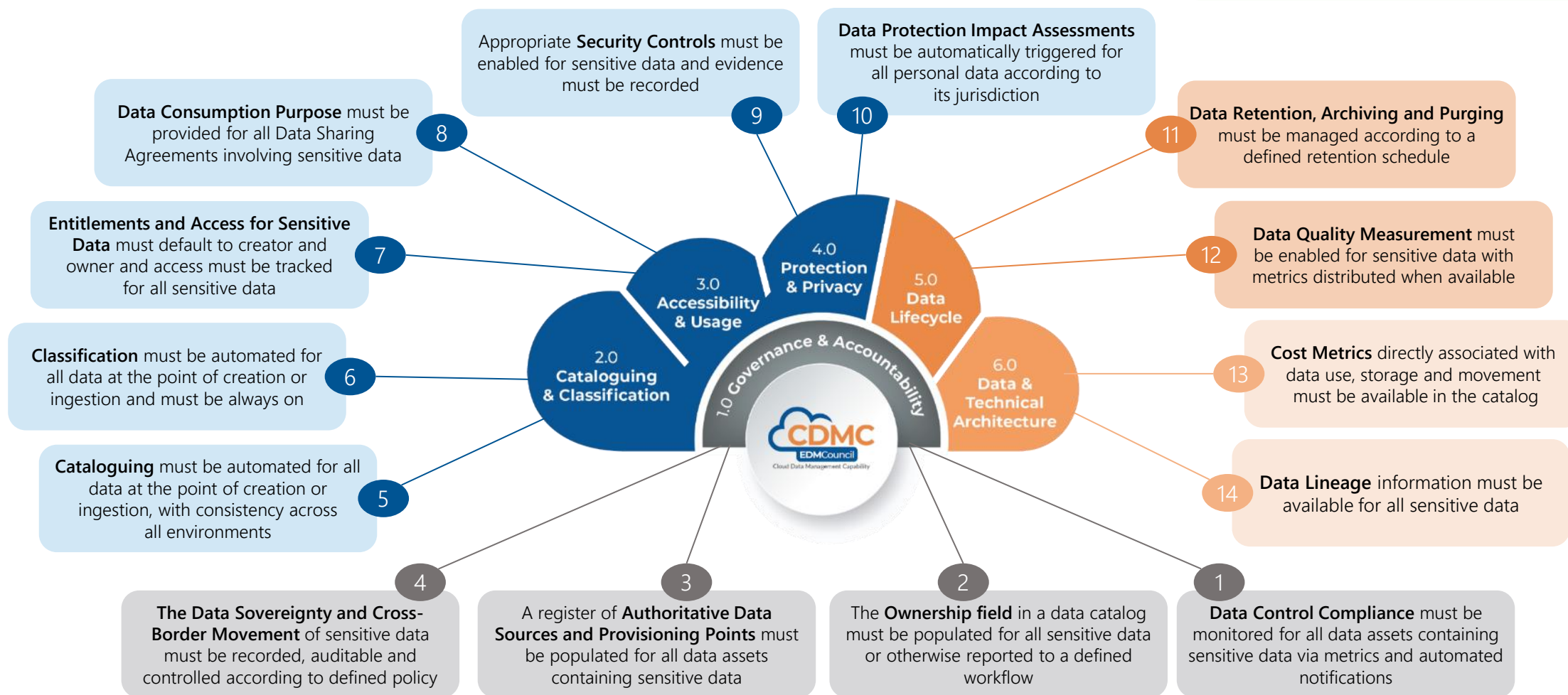
Certification – Providers

# CDMC Framework: Controls

The CDMC framework defines 14 key controls required by organizations to control sensitive data, for on-premises and cloud environments. It also highlights opportunities to support these controls with automation.

**Sensitive Data** includes classifications such as:

- Personal Information (PI) / Sensitive Personal Data
- Personally Identifiable Information (PII)
- Material Non-Public Information (MNPI)
- Specific Information Sensitivity Classifications (such as 'Highly Restricted' and 'Confidential')
- Critical Data Elements used for important business processes
- Licensed data






# Why CDMC?

## The Case for Adopting CDMC

- The art of data management has evolved.
- DCAM codified data management capabilities, giving the data professional a runbook to build and sustain a data management program.
- CDMC is a cloud data management framework that would help the industry better manage data in the cloud, better protect data in the cloud, and better enable organizations to realize the benefits of the cloud environment.

## Current Data Management Efforts

	State of DM	Benefits
	Greenfield	Leapfrog using Automation
	Mature	Scale DM / Automate
	Cloud	Interoperability

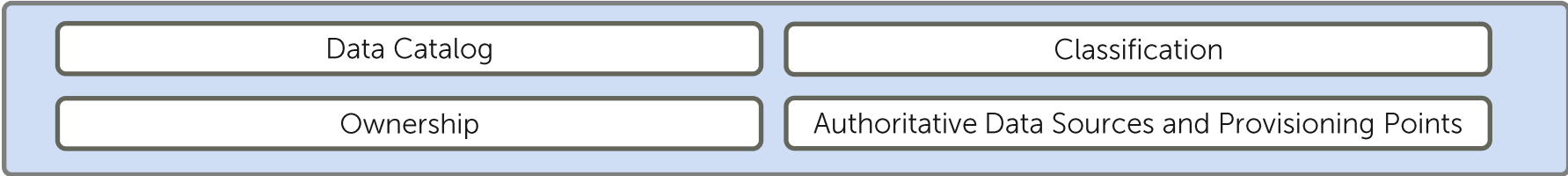
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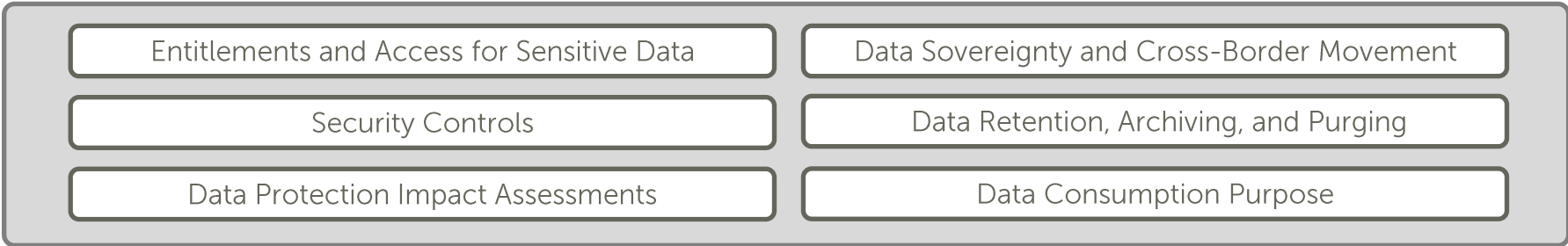
# Ortecha's Cloud Value Chain

## How to unlock the value of your data...

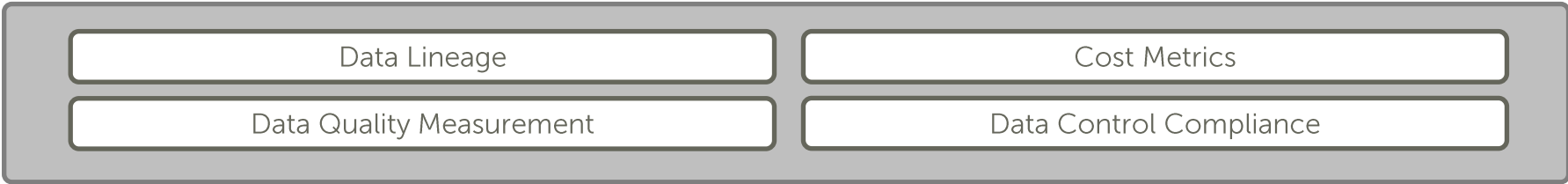
Step 1:  
Foundational  
Capabilities



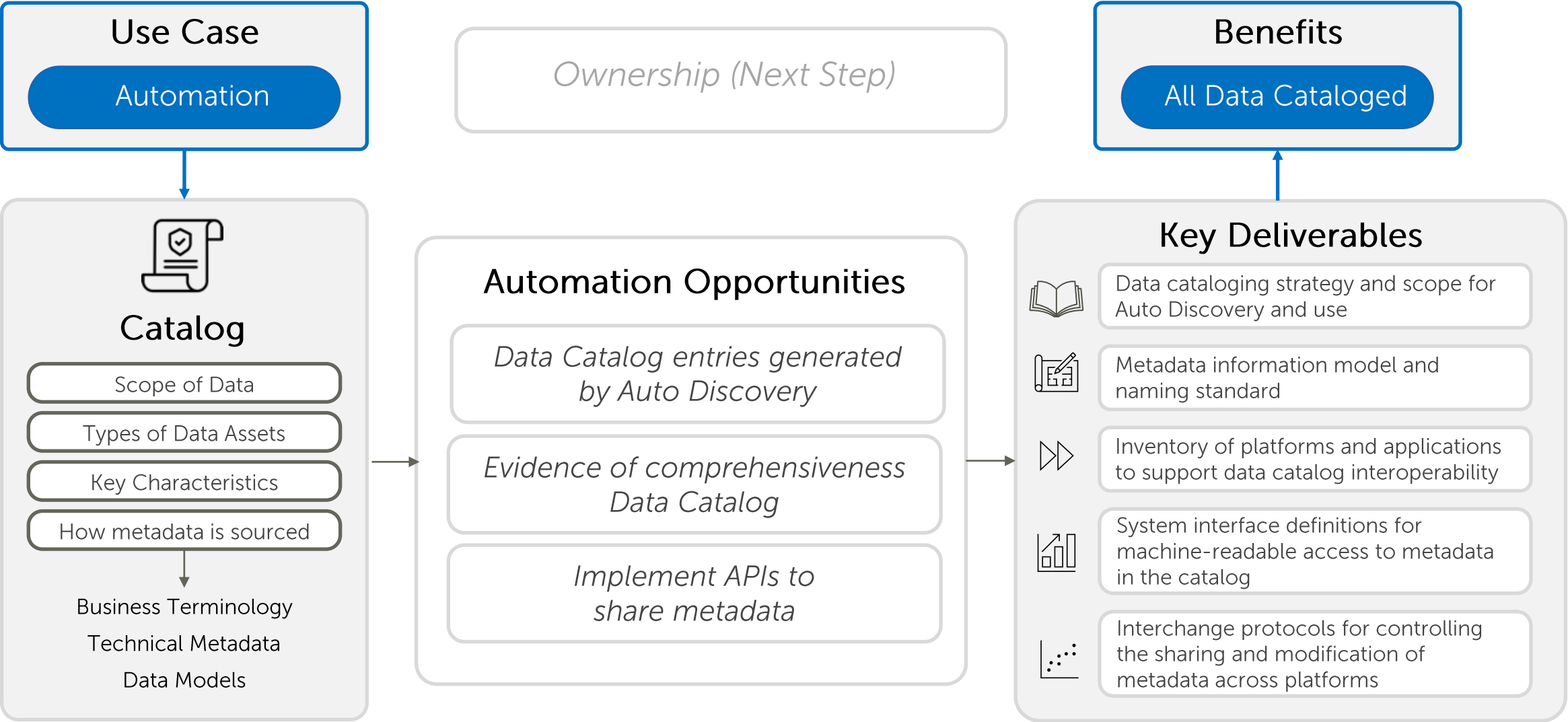
Step 2:  
Data Controls



Step 3:  
Data Delivery



# CDMC Use Case: Key Controls Automation



# Questions?



# Come Meet With Us!



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