Axon Data Governance & Features Integration

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Housekeeping Tips

- Today's Webinar is scheduled for 1 hour
- The session will include a webcast and then your questions will be answered live at the end of the presentation
- All dial-in participants will be muted to enable the speakers to present without interruption
- Questions can be submitted to "All Panelists" via the Q&A option and we will respond at the end of the presentation
- The webinar is being recorded and will be available to view on our INFASupport YouTube channel and Success Portal. The link will be emailed as well.
- Please take time to complete the post-webinar survey and provide your feedback and suggestions for upcoming topics.

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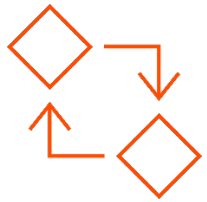

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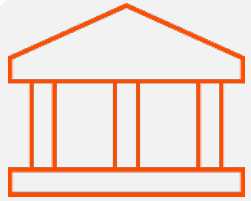

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Agenda

- Understanding Axon
- Axon Data Governance
- Axon Technical Architecture
- Axon Facets and Data Flow
- Informatica Data Governance Solution
- Axon Data Market Place
- Axon Dashboards for DQ, EDC and DPM
- Axon Major Features
- Demo

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Understanding AXON

- AXON Organizes Enterprise Data in Facets, Also called Inventories which lists different things in use around your organization. The facet construct was created to help users review content with some form of meaningful structure that separates different types of assets.

- Informatica Axon has 25 facets in total that you can use to describe different aspects of your organization and govern the data items as necessary. All facets in Axon are interconnected

- Over Period of time you'll create a powerful context and knowledge graph, that scales naturally as you continue to add more content to represent an ever-increasing number of Use Cases

- You'll only want to populate Axon facets with objects that are directly relevant to your DG Use Case

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AXON Data Governance

- Data Governance is effective collection of practices and processes which help to ensure the management of Data, Policies, Stakeholders etc. within an organization, Consume and adopt the assets based on business evaluation and changes in compliance's within Organization or Government enforcements

- Informatica Axon Data Governance (Axon) is a powerful tool for describing how, why and where data is used in your organization, giving much needed context to this activity. Axon facilitates collaboration between different communities, who may not always realize how they depend upon each other or use the same resources

- Modern Data Governance (DG) isn't just about data, it's about what happens to/with it,
- and why – this is often contextualized by the processes that consume data, and the polices and regulations that control how it is used.

- Axon gives users the chance to combine these activities and describe the multiple, independent, perspectives surrounding its use. By bringing these together we can show everything fits together

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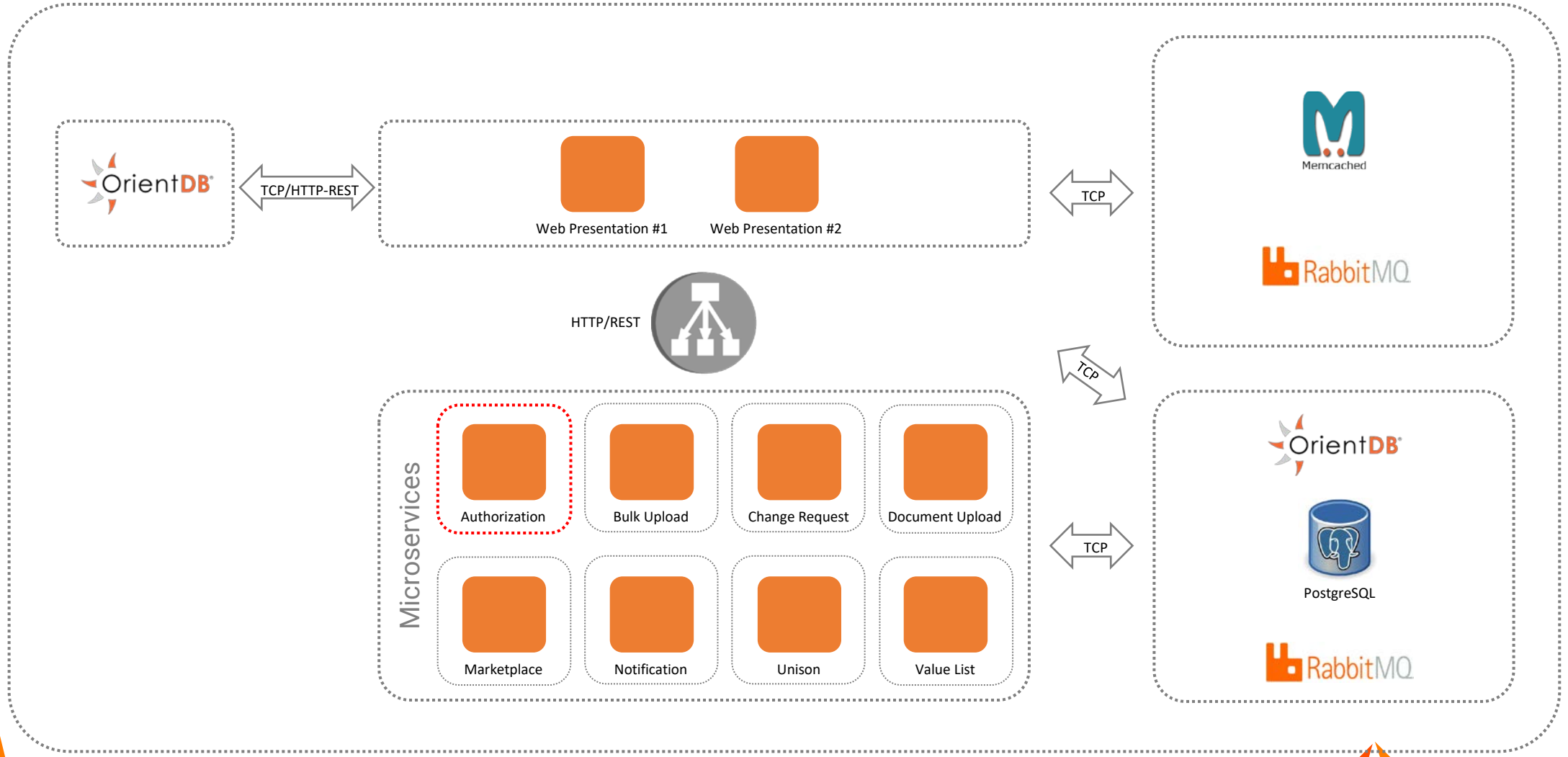
Axon Architecture Overview



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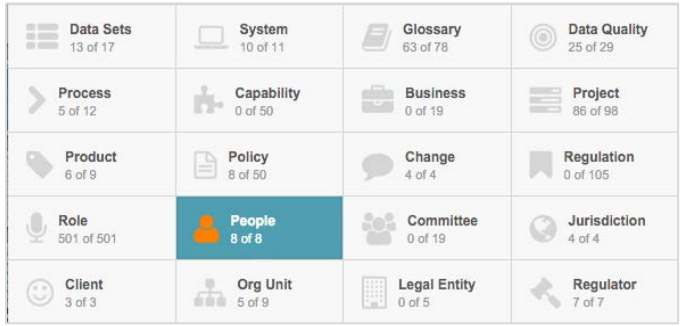
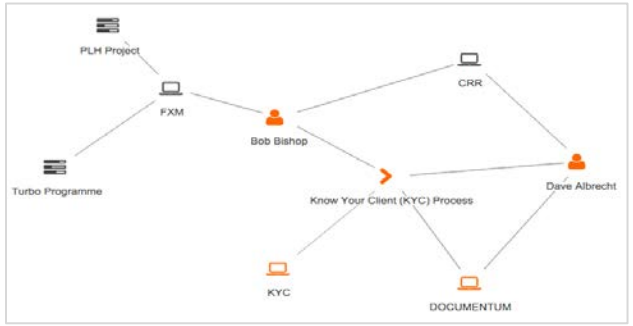
Axon Functional Architecture

Catalogue



Relate



Control

Collaborate

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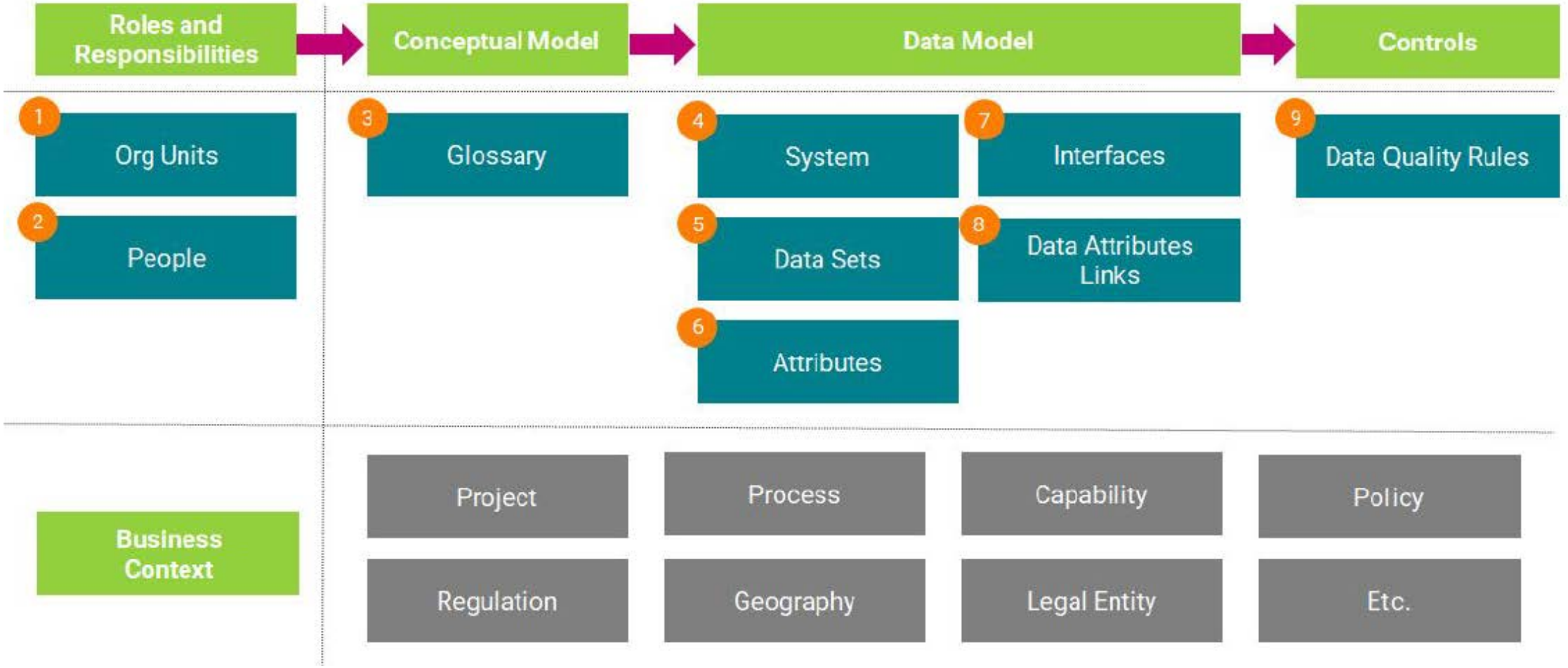
Axon Facets and Data Flow



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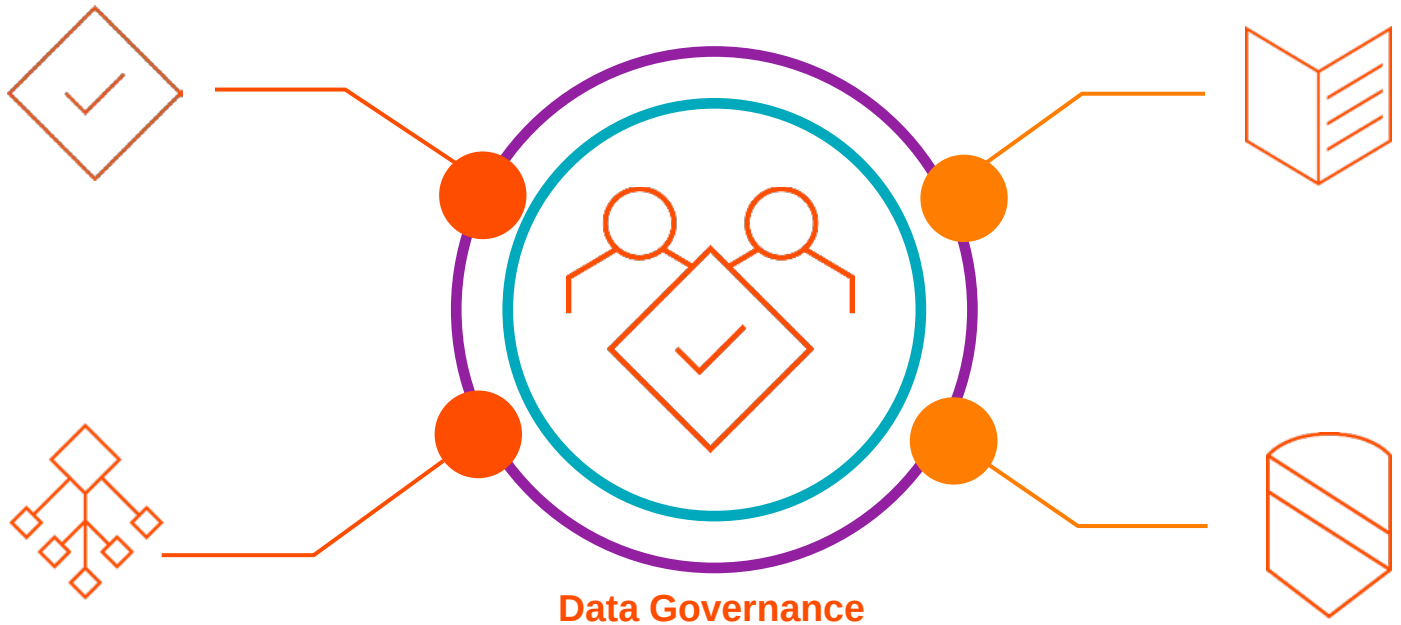
Informatica Enterprise Data Governance Solution

The Core, Modular, Unified Platform for All Data Governance Use Cases



Quality
Informatica Data Quality
Measure data quality metrics and scorecards

Master
Master Data Management
Repository of trusted master and reference data

Data Governance
Axon Data Governance
Business content of data, define processes, policies, ownership/stewardship and enable your non-technical consumer the ability to understand and access data.

Catalog
Enterprise Data Catalog
Discover what's being defined. E.g. Schemas, Tables, Columns, etc.

Privacy
Data Privacy Management
Enforce policies, report on risk, search subject registry, breach analysis, etc.

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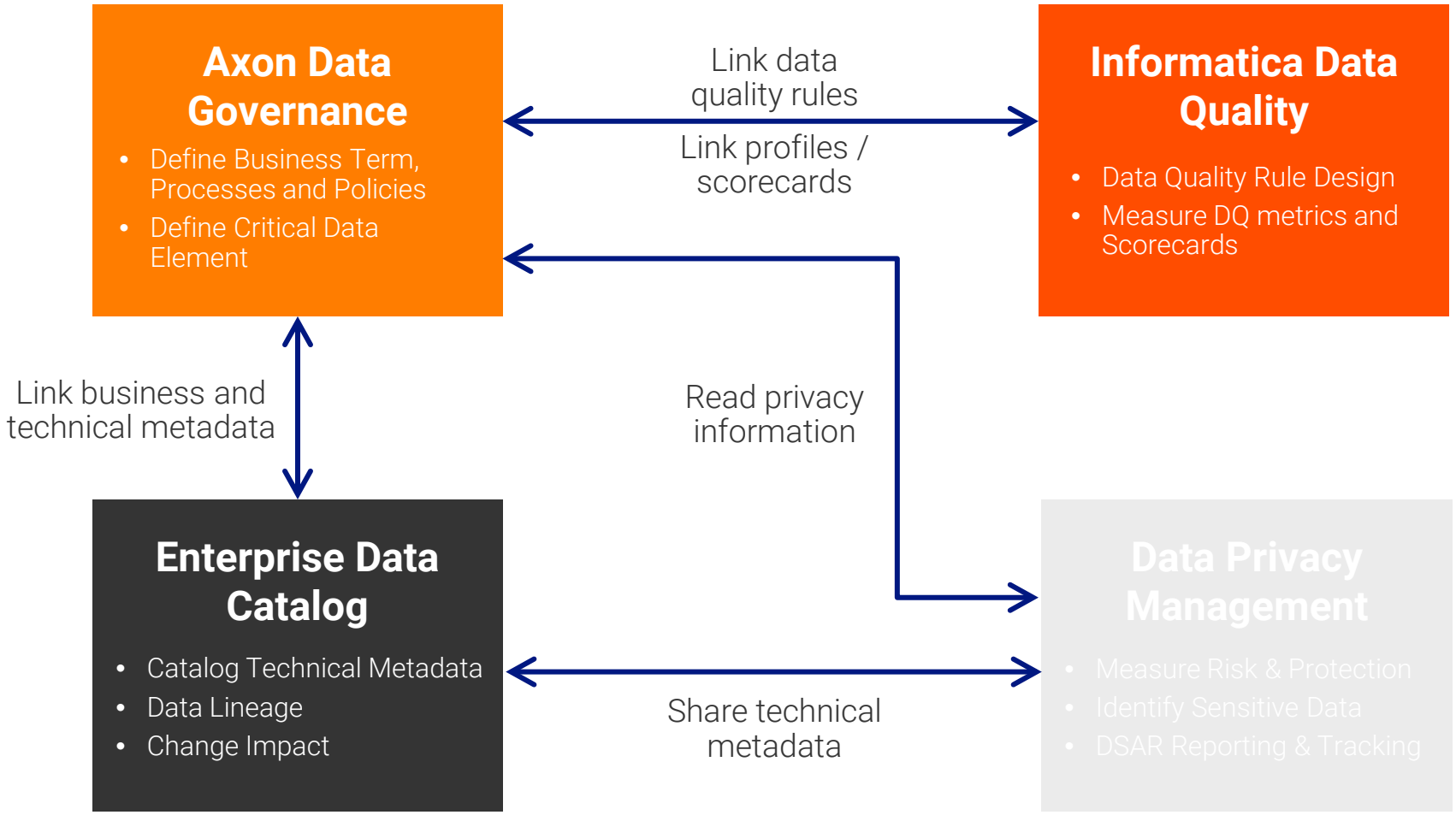
Cross Product View



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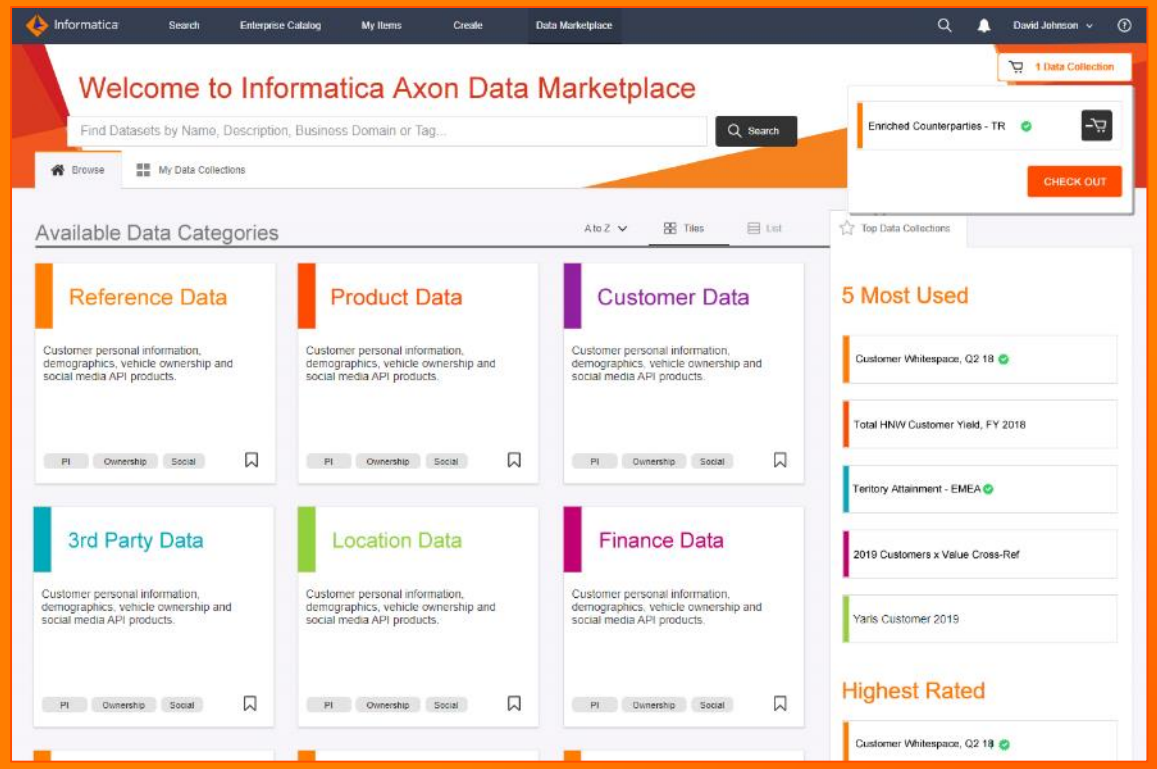
Data Marketplace



Enable Data Democratisation across the organisation

- **Simple, store-like experience for analysts**
  - Browse and search for relevant data assets, find data recommended by peers
  - Easily search, navigate and subscribe to relevant data topics
  - Automated provisioning of requested data
  - Request new data assets as required
- Facilitate production and publishing “pipeline”, with **automated enforcement** of…
  - Standard, rule-based quality, reliability and availability metrics
  - Audit history, reporting, analytics on data consumption patterns

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Understanding Users and Terms

Data Consumer

Data Owner

Technical Owner

Administrator

SuperAdmin

Access Request

Category

Data Collection

Fulfilment

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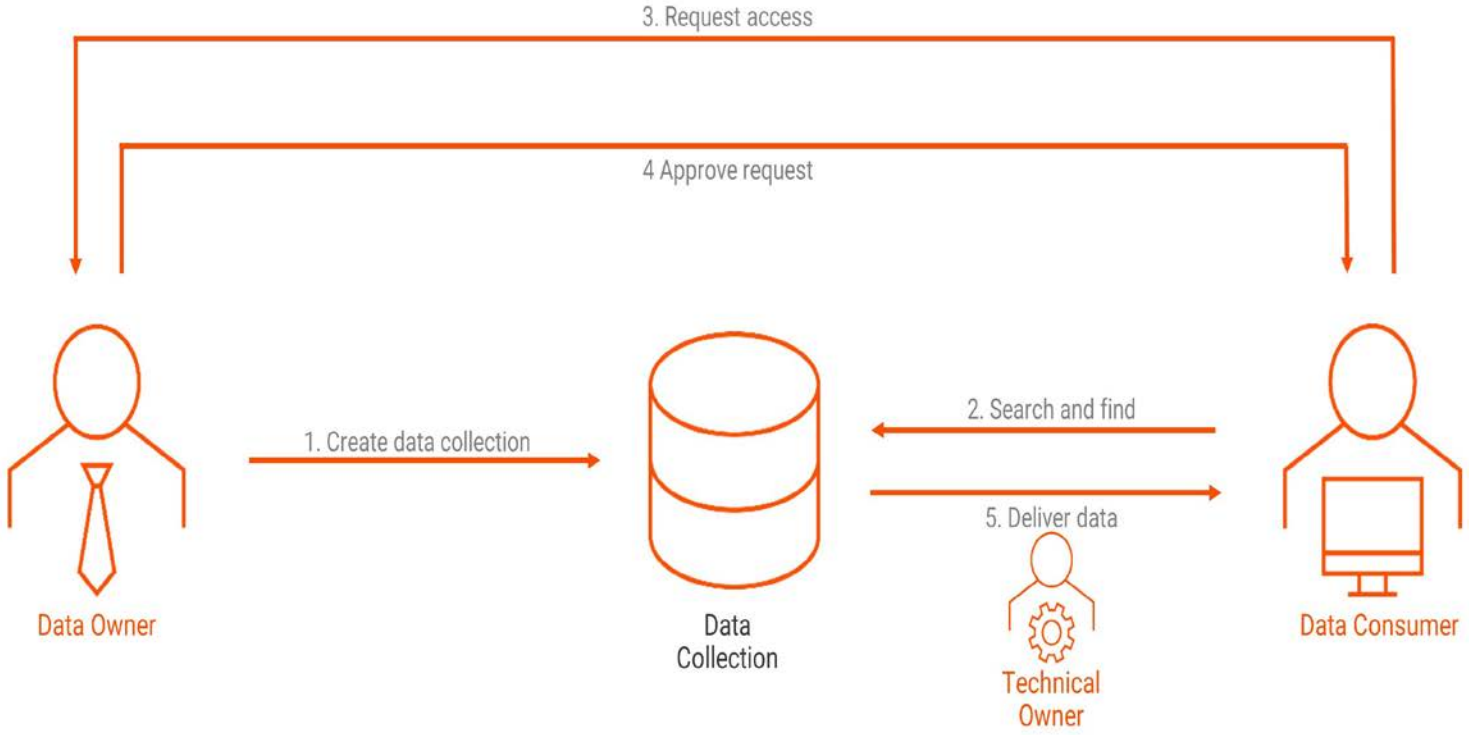
How Data Marketplace Works



- *The data owner publishes data sets to the Data Marketplace as a data collection.*
- *The data consumer searches the Data Marketplace and find a data collection.*
- *The data consumer requests access to the data from the data owner.*
- *The data owner approves the request.*
- *The technical owner delivers the data to the data consumer.*

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Axon - Unison

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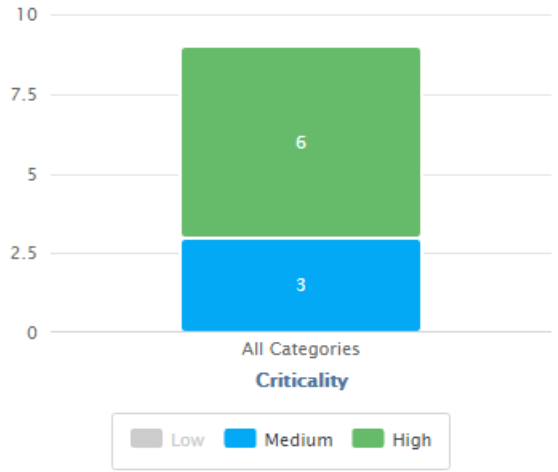
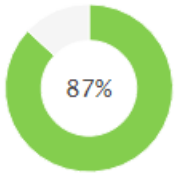
DATA SETS 1 of 86 | ATTRIBUTES 6 of 502 | SYSTEM 1 of 92 | GLOSSARY 6 of 438 | DATA QUALITY 12 of 141 | PROCESS 17 of 61 | PEOPLE 3 of 460

DATA QUALITY

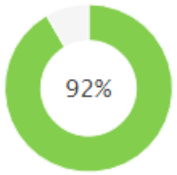
Data Quality

DQ Rules By Criticality





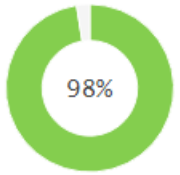
Completeness



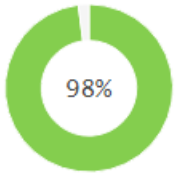
Accuracy

0%

Consistency

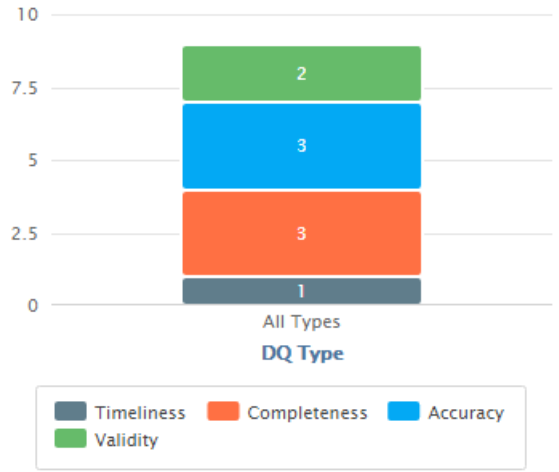


Validity

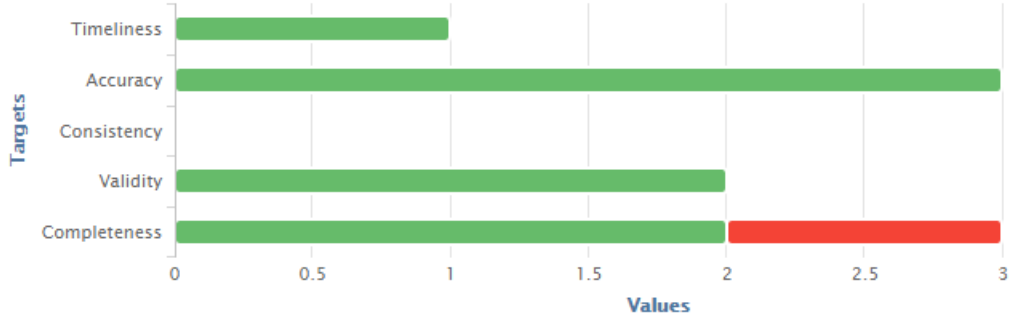


Timeliness

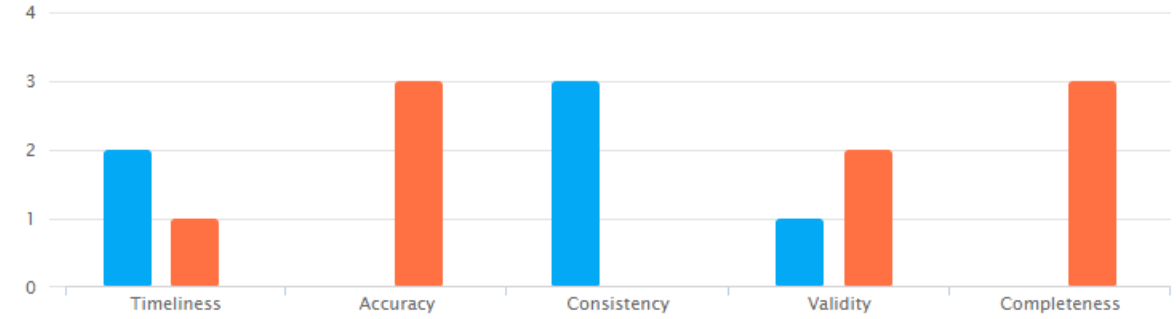
DQ Rules By Type



DQ Rules against Target



DQ Rules measured



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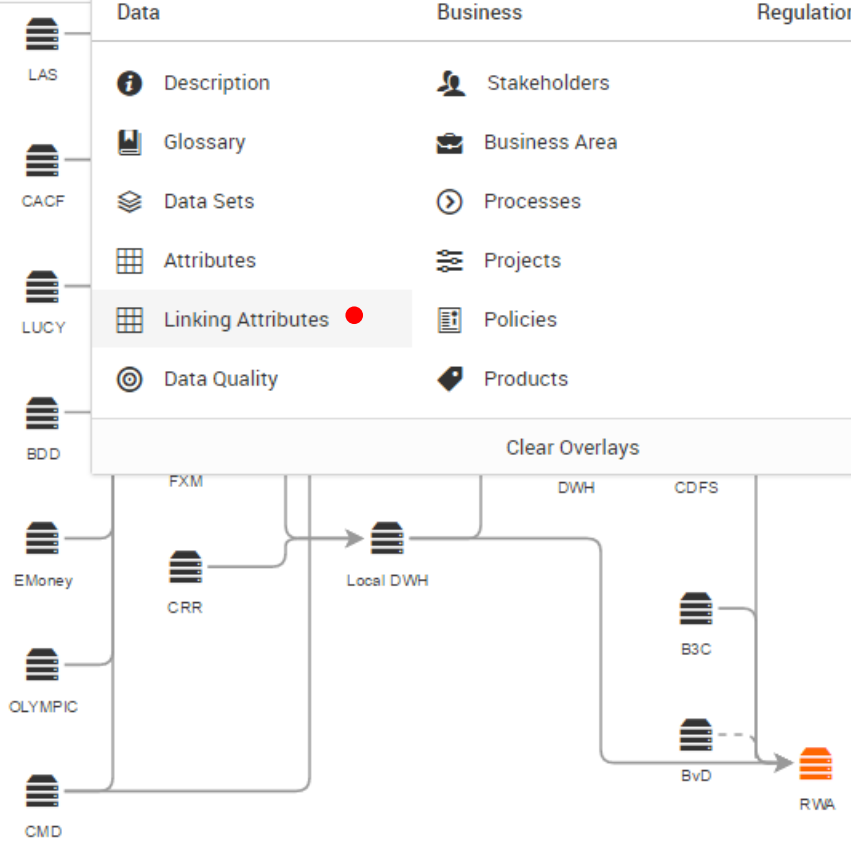
MAPS

Map type: System Lineage | Layout: Left-To-Right | Overlay: None | Filters: All selected (15)

Data	Business	Regulation
Description	Stakeholders	
Glossary	Business Area	
Data Sets	Processes	
Attributes	Projects	
Linking Attributes	Policies	
Data Quality	Products	

Clear Overlays



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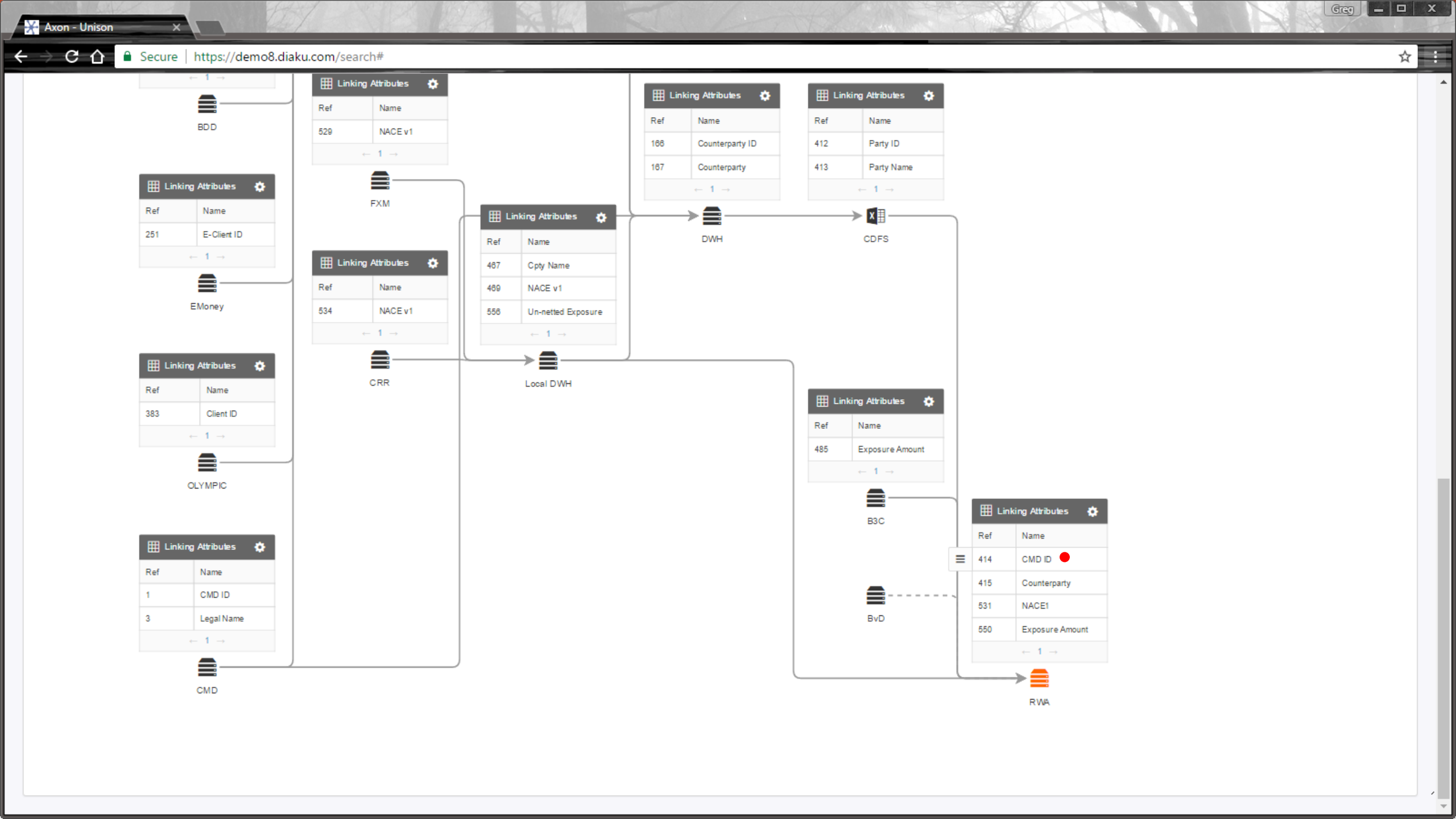
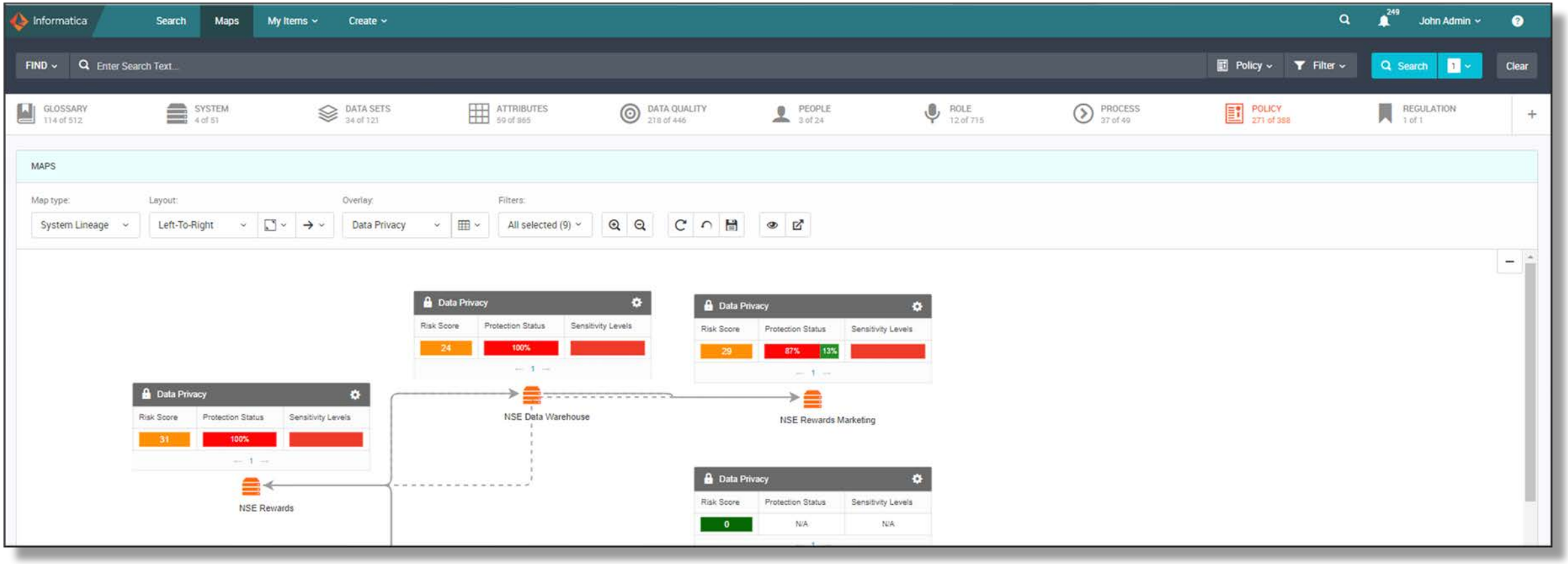

Axon - Unison
Secure
https://demo8.diaku.com/search#
BDD
Linking Attributes
Ref
Name
529
NACE v1
FXM
Linking Attributes
Ref
Name
251
E-Client ID
EMoney
Linking Attributes
Ref
Name
534
NACE v1
CRR
Linking Attributes
Ref
Name
383
Client ID
OLYMPIC
Linking Attributes
Ref
Name
1
CMD ID
3
Legal Name
CMD
Linking Attributes
Ref
Name
467
Cpty Name
469
NACE v1
556
Un-netted Exposure
Local DWH
Linking Attributes
Ref
Name
166
Counterparty ID
167
Counterparty
DWH
Linking Attributes
Ref
Name
412
Party ID
413
Party Name
CDFS
Linking Attributes
Ref
Name
485
Exposure Amount
B3C
BvD
Linking Attributes
Ref
Name
414
CMD ID
415
Counterparty
531
NACE1
550
Exposure Amount
RWA

Axon: Policy: Lineage



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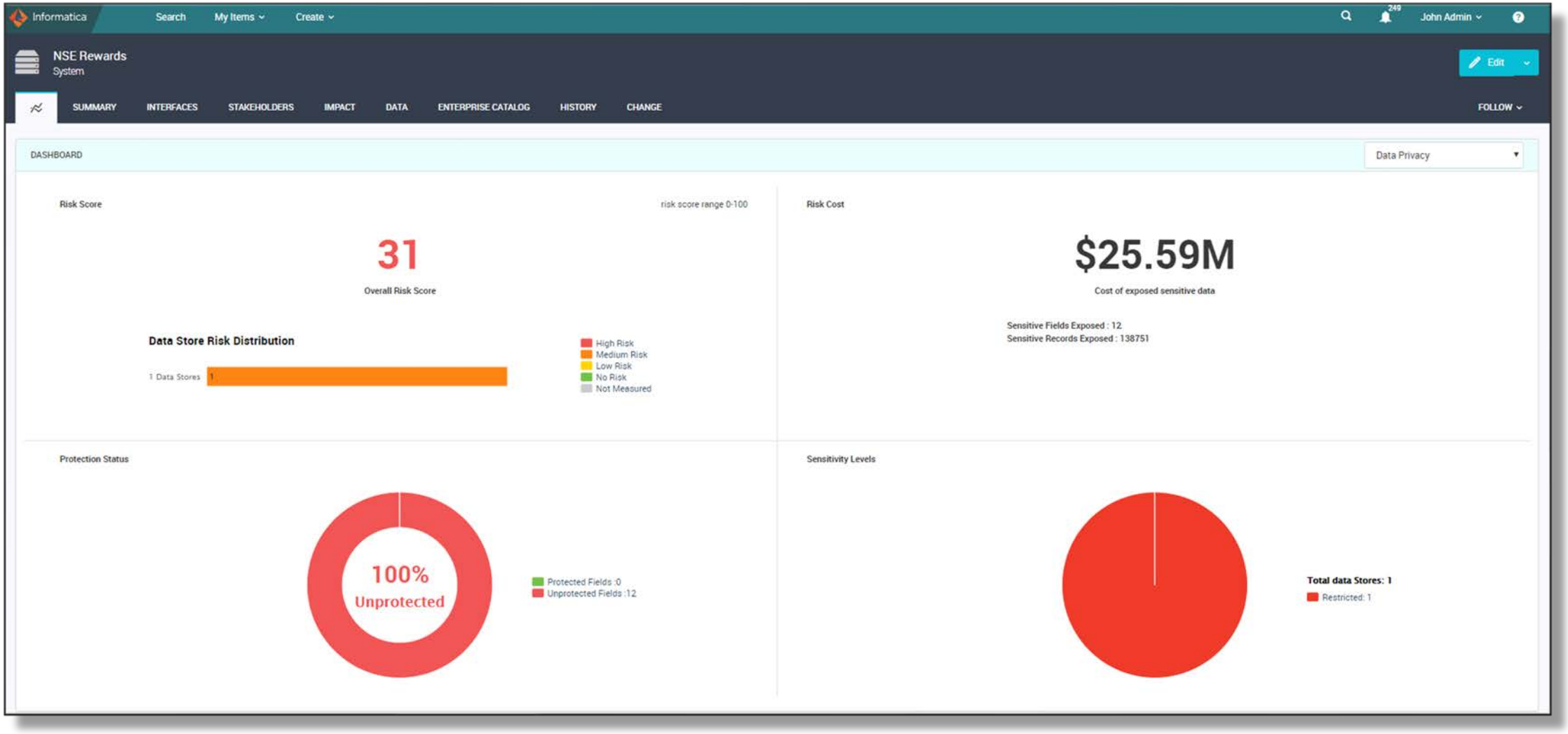
Axon: Policy: Risk



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Axon Major Features

Feature	Description	Version
Segmentation	You can create segments to control access to the content that might be sensitive or requires to be granted limited access due to regulatory needs. Create segments based on your organization requirements such as geography, business area, business function, and legal entity	7.0
Bulk Delete	Relationship/Attributes	7.0
Bulk Upload	Data Quality Rules	7.0
New Support	Can associate Local DQ rules to Redshift for Profile and Scorecards	7.0
Languages	Interface Languages added Dutch, Korean, Portuguese and Russian	7.0
Marketplace	Axon Data Governance users in your organization can publish curated data sets to the Data Marketplace. Other users can find the data and request access to it on a self-service basis	6.3
REST API	REST API to create and manage objects and relationships in Axon.	6.3
Quick Look	Quick Look to search for glossaries in Axon Data Governance from any application on your desktop, such as Microsoft Outlook or Microsoft Word. Axon Quick Look is an application that installs on your computer and quickly retrieves the glossary	6.2
Data Quality	Automated Data Quality, If you modify or delete the rules in Informatica Data Quality, Axon synchronizes the changes with Informatica Data Quality and updates the standard and local rules in Axon	6.2

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Axon 7.0 Features

Engaging

- Information Segmentation
- Bulk Upload/Update enhancements
  - Bulk Upload Standard DQ Rules
  - Bulk Delete of Relationships
- Additional Relationships
  - Product x Legal Entity
  - Product x Business Area
  - Product x Client

Integrated

- Axon – EDC Integration
  - Automated Lineage
  - Metadata Delete Notification
  - Usability improvements
- Mandatory Approval & Workflow improvements
  - Support for additional Tabs
  - Requester Swimlane
  - Unlock object during Workflow
  - Auto Complete Change Request

Outcomes

- ServiceNow Integration
- LDAP enhancements
  - LDAP support for Quick Look
  - Default Org Unit for LDAP
  - REST API enhancement
- Security
  - Support for TLS 1.3

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Axon 7.1 Feature

Axon Data Governance 7.1 - enhancements at a glance

Engaging

- Bulk Upload enhancements
  - Bulk Update Std and Local DQ Rules
  - Bulk Delete of Roles
- Created By filter for Reporting
- Segment user assignment enhancements
- Segment column in Unison

Integrated

- Axon – EDC Integration
  - Automated Lineage - Phase 2
  - Enhanced Physical Field View
  - Rule based Onboarding
  - Axon Scanner update
  - Access Control Resources in Axon
- Workflow
  - Object Re-attestation support
  - Object Type based workflow for Mandatory Approval
- DQ Rule – link back to Analyst Tool

Outcomes

- Delete Dropdown configuration values
- Performance
  - Unison Query Optimization
  - Object load page time
  - OrientDB Clustering
- Multiple LDAP
- Phone Home
- PAM
  - Microsoft Edge Chromium, Safari
  - RHEL v7.8, Suse12SP5

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AXON DEMO

Questions?

Thank You