

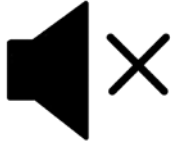
November 3, 2020

What's New in Axon Data Governance 7.1?

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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.

Feature Rich Success Portal



Bootstrap trial and
POC Customers



Enriched Customer
Onboarding
experience



Product Learning
Paths and Weekly
Expert Sessions



Informatica
Concierge with
Chatbot integrations



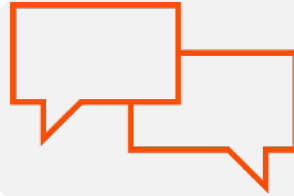
Tailored training and
content
recommendations

More Information



Success Portal

<https://success.informatica.com>



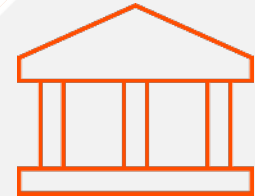
Communities & Support

<https://network.informatica.com>



Documentation

<https://docs.informatica.com>



University

<https://www.informatica.com/in/services-and-training/informatica-university.html>

Safe Harbor

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Axon Data Governance 7.1 - enhancements at a glance



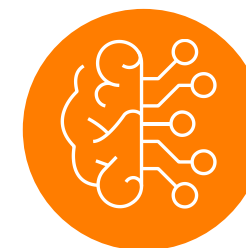
Engaging

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



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
- PAM
 - Microsoft Edge Chromium
 - RHEL v7.8, Suse12SP5

Axon EDC Integration

Data Catalog Integration Improvements



Show Field
information in Axon

Lineage Automation
based on Catalog

Rule based
onboarding

Physical Field Information from EDC

- Show additional information in Axon by clicking on Physical Field label across the product
- On Demand retrieval of the information
 - Custom Attributes from EDC can be shown based on Admin setting
- Bring Data Type, Data Length, Primary Key as part of Attribute creation

Physical Field Details

customer_id | Column
LakeProduction / Hive Metastore / production / nps

Source Description: Customer identification number. This is a sample technical description for the column customer_id. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed in dignissim magna, ut bibendum urna. Integer venenatis lacinia ante imperdiet dictum.

Parent: nps (7)	Last Updated: 13-Apr-2020
Parent Type: Table	Datatype: String
Resource: LakeProduction	Datatype Length: Not Applicable
Resource Type: Hive	Primary Key Column: No

Data Domains: Customer Customer IDs Smart Customer ID Domain Name Domain Name Domain Name

Data Domain Groups: General

Null: 0% Distinct: 100% Non Distinct: 0%

Region: Region	TestURL: http://testurl.com:9999/something/view/id/555
-----------------------	---

1 record

Axon Scanner Updates for Data Catalog

- Scanner updated to show additional details in EDC

Glossaries / Systems / Datasets / Attributes / Policies

Stakeholder information

Relationships

Filtering based on Lifecycle & Axon Status*

- EDC 10.4.1SP2 required to surface this information

The screenshot displays the 'Legal Entity Record' page in the Data Catalog. The page is divided into several sections:

- Overview**: Contains a description of the Legal Entity Record construct, stating it captures key attributes of customers at a legal entity level, including value lists (reference data) and other data items where only a definition and semantics are recorded. It also mentions that this information is published directly to the Trading Record attached i.e. KYC Expiry Field etc...
- Contains**: A table listing attributes and their descriptions, with links to the Attribute Glossary.
- Related Logical Assets**: A table listing logical assets, their paths, and asset types.
- Related Technical Assets**: A table listing technical assets, their paths, and asset types.
- Asset Type**: A sidebar showing the asset type as 'Axon Datasets', last updated on 01:45, 01 Aug 2018, and the resource as 'CMD'.
- People**: A sidebar listing the data owner (Jhon Admin), data steward (Martin Hirst), data business SME (Jean Dubois), and data technical SME (Ken Stool).

Attribute	Description	Attribute Glossary
CMD ID	Unique identifier for customer on client	CMD ID
BIT ID	Unique identifier for customer on BIT	BIT ID
Legal Name	Name of the legal entity as it is recorded with companies house	Party Name
Country	Country of domicile	Party Country of Domicile
KYC Status	Status in KYC Process	KYB Status

Asset Name	Path	Asset Type
COB_al_NW Table	hermes/warehouse/db	Dataset
J_Dow Table	hermes/warehouse/db	Dataset
Jak_Dan kneel Report	hermes/warehouse/db	Attribute
IR_Kaf EE Report	hermes/warehouse/db	Dataset
Wal_key Table	hermes/warehouse/db	Attribute

Asset Name	Path	Asset Type
XML_DO	hermes/warehouse/db	Table
_text	hermes/warehouse/db	Table
Brazil_NationalID_RG	hermes/warehouse/db	Table
Sweden_National ID	hermes/warehouse/db	Table

Information available in EDC

- Glossary

- Access Type, Lifecycle, Security Classification, Status, Type, Asset type, Example, Business Logic, Alias Names

- System

- Name, Definition, Lifecycle, Access control, Status, Type, Asset type, Parent System information

- Data Set

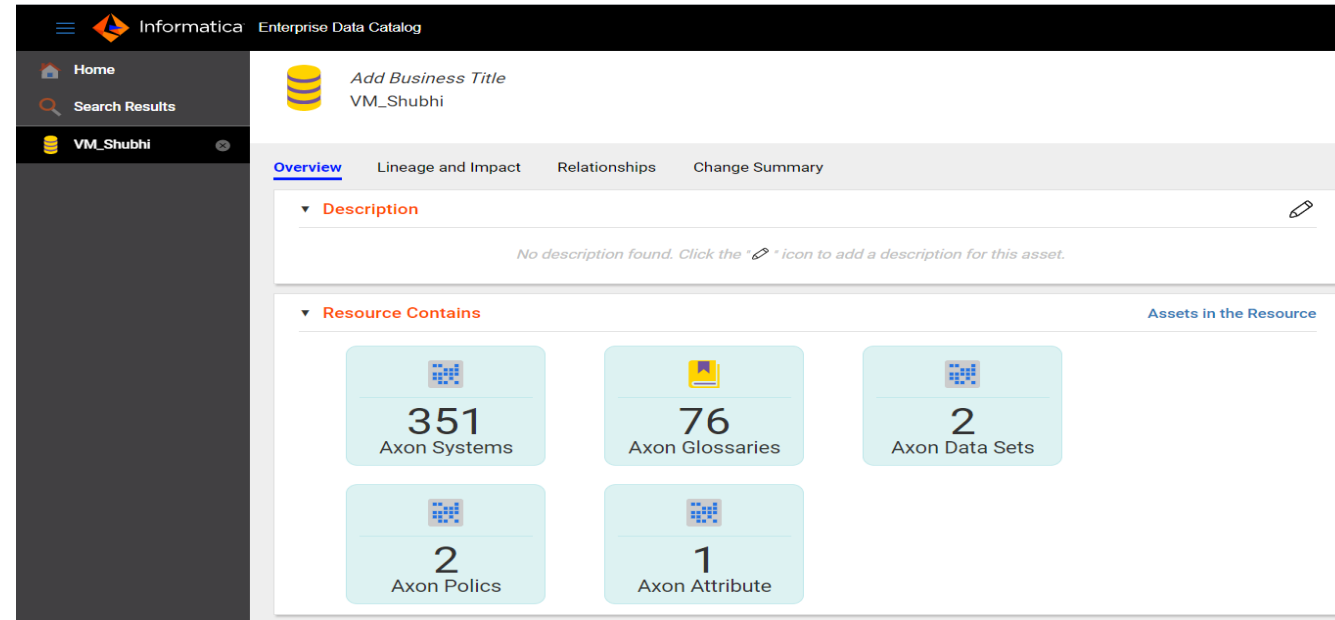
- Name, Definition, Lifecycle, Access control, Status, Type, Parent System information

- Attribute

- Name, Definition, Parent Data Set information, Data Type, Data Length

- Policy

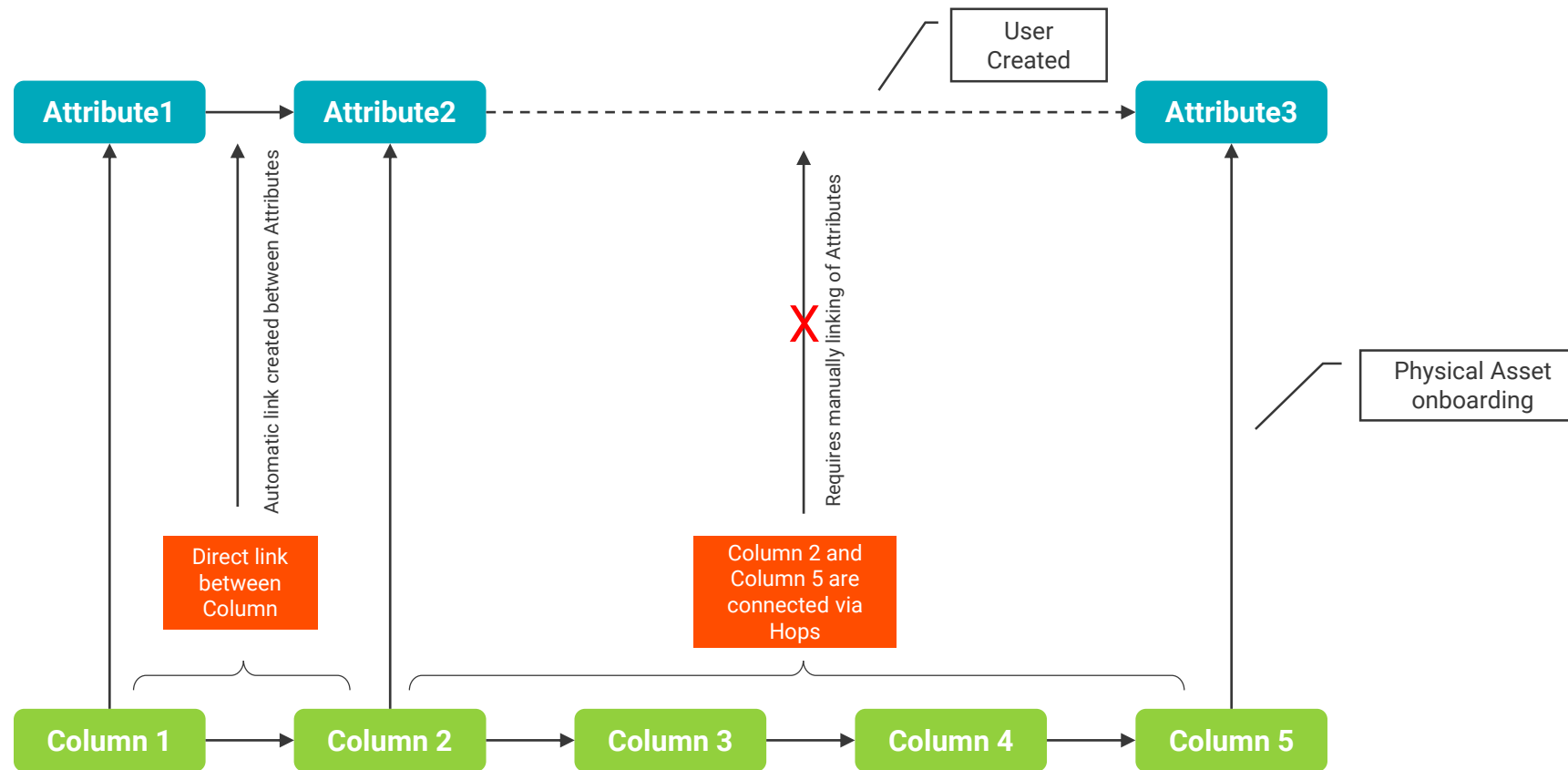
- Name, Definition, Lifecycle, Access control, Status, Type, Parent Policy information



Automated Lineage from EDC

- Allows for Attribute to Attribute relationship in Axon to be created based on the EDC lineage
 - Requires Attributes to be associated with the Fields and curated
 - Discovered Attributes will not be considered for lineage onboarding
 - If the lineage is manually removed, we don't bring it back
- Runs a daily job to discover additional relationships that can be brought from EDC
 - Requires Axon scanner in EDC to be executed for new Attribute to Physical field links to be considered for lineage
- Automated lineage needs to be enabled from Admin Panel, if not enabled
 - Stakeholders will be sent the Relationship recommendation
 - User can accept/reject the recommendation for each Dataset
- Requires EDC 10.4.1SP2 or higher

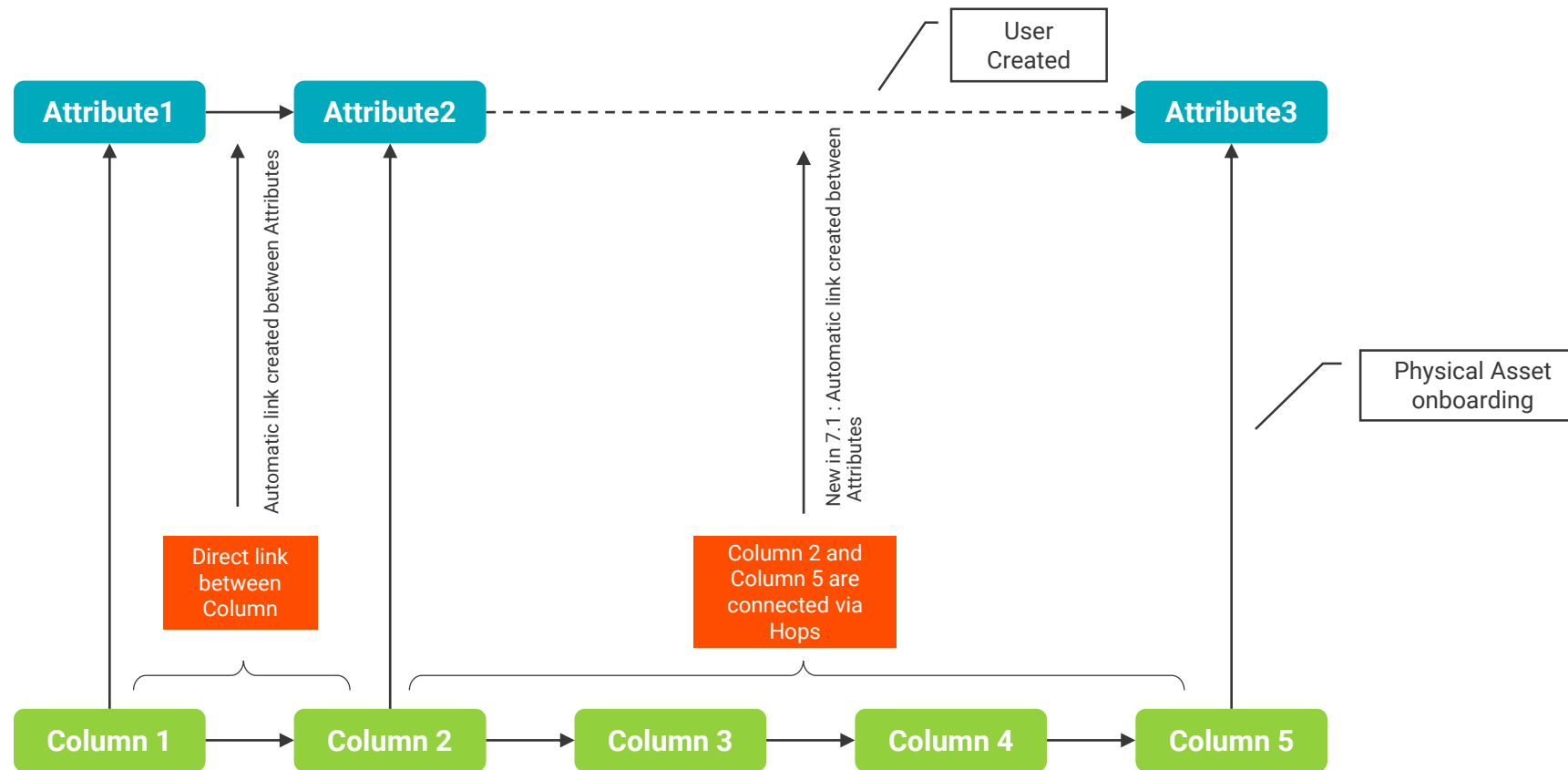
Behavior with Axon 7.0



Axon
Data
Governance

Enterprise
Data
Catalog

Behavior with Axon 7.1



Axon
Data
Governance

Enterprise
Data
Catalog

Rule driven Onboarding

- More control over Onboarding at System level.
- Filtering of EDC assets to be considered for onboarding.
- Preview of EDC assets that can be onboarded.
- Option to bypass the mandatory requirement of link Physical field to Glossary in EDC system for automated onboarding.
- Enable/disable automated onboarding per System level.

← Filter based on a parent that contains "PROD" OR "PRODUCTION" in their name. Edit Onboarding Rules Save Save & Close Close Delete

DEFINITION

Name * Filter based on a parent that contains "PROD" OR "PRODUCTION" in their name.

Description * Filter based on a parent that contains "PROD" OR "PRODUCTION" in their name.

Show Editor

RULES FOR ONBOARDING ⚙

Context	Regular Expression	Action
Parent	*PROD* *PRODUCTION*	<div>+</div> <div>-</div>

ONBOARDING RULE CONFIGURATION

Requires an Associated Glossary ☐

Marked as a Key Data Element ☐

Marked as a Certified Object ☒

Confidence Score (50 - 100) 95

ONBOARDING METADATA

Name Use Physical Field name

Description Use Physical Field description

Data Onboarding Rules

Rule Criteria

- Regular expression based rules can be defined for Physical field's
 - Parent
 - Parent type
 - Path information
- Ability to filter the data based on
 - Glossary association
 - KDE info
 - Certified assets
 - Confidence Score
- Use of Physical field or Linked Glossary name and description based on configuration.
- Changes captured in Audit history

Examples

Filter based on one or more schemas within a resource

Filter based on a specific schema and specific parent type

Filter based on a parent that contains "PROD" OR "PRODUCTION" in their name

Filter based on a parent that contains "PROD" OR "PRODUCTION" in their name and a specific Schema

Supported Regex

Character	What does it do?
r	
\$	Matches the end of the input . If in multiline mode, it also matches before a line break character , hence every end of line.
(?:x)	Matches 'x' but does NOT remember the match . Also known as NON-capturing parenthesis.
(x)	Matches 'x' and remembers the match . Also known as capturing parenthesis.
*	Matches the preceding character 0 or more times .
+	Matches the preceding character 1 or more times .
.	Matches any single character except the newline character .
?	<ul style="list-style-type: none"> Matches the preceding character 0 or 1 time. When used after the quantifiers *, +, ? or {}, makes the quantifier non-greedy; it will match the minimum number of times as opposed to matching the maximum number of times.
[b]	Matches a backspace .
[^abc]	Matches anything NOT enclosed by the brackets . Also known as a negative character set.
[abc]	Matches any of the enclosed characters . Also known as a character set. You can create range of characters using the hyphen character such as A-Z (A to Z). Note that in character sets, special characters (., *, +) do not have any special meaning.
\	<ul style="list-style-type: none"> Used to indicate that the next character should NOT be interpreted literally. For example, the character 'w' by itself will be interpreted as 'match the character w', but using 'w' signifies 'match an alpha-numeric character including underscore'. Used to indicate that a metacharacter is to be interpreted literally. For example, the '.' metacharacter means 'match any single character but a new line', but if we would rather match a dot character instead, we would use '\.'
\0	Matches a NULL character .

\b	Matches a word boundary . Boundaries are determined when a word character is NOT followed or NOT preceded with another word character.
\B	Matches a NON-word boundary . Boundaries are determined when two adjacent characters are word characters OR non-word characters.
\cX	Matches a control character . X must be between A to Z inclusive.
\d	Matches a digit character . Same as [0-9] or [0123456789].
\D	Matches a NON-digit character . Same as [^0-9] or [^0123456789].
\s	Matches a single white space character . This includes space, tab, form feed and line feed.
\S	Matches anything OTHER than a single white space character . Anything other than space, tab, form feed and line feed.
\t	Matches a tab .
\w	Matches any alphanumeric character including underscore . Equivalent to [A-Za-z0-9_].
\W	Matches anything OTHER than an alphanumeric character including underscore . Equivalent to [^A-Za-z0-9_].
^	<ul style="list-style-type: none"> Matches the beginning of the input. If in multiline mode, it also matches after a line break character, hence every new line. When used in a set pattern ([^abc]), it negates the set; match anything not enclosed in the brackets
x(!y)	Matches 'x' only if 'x' is NOT followed by 'y' . Also known as a negative lookahead.
x(=y)	Matches 'x' only if 'x' is followed by 'y' . Also known as a lookahead.
x y	Matches ' x OR y '.
{n,m}	Matches the preceding character at least n times and at most m times . n and m can be omitted if zero..
{n}	Matches the preceding character exactly n times .

System Edit View

ADLS Storage
System

Save

Save & Close

Close

SUMMARY

STAKEHOLDERS

IMPACT

WORKFLOW

ENTERPRISE CATALOG

Physical Fields

Data Onboarding Rules

DATA ONBOARDING RULE

Data Onboarding Rule:

Filter based on a parent that contains "PROD" OR "PRODUCTION" in their name.

Data Onboarding Rule Description:

Filter based on a parent that contains "PROD" OR "PRODUCTION" in their name.

Enable Automated Onboarding:

☐

Download and Preview

RULES FOR ONBOARDING

Context

Parent

Regular Expression

.*PROD.*|.*PRODUCTION.*

1 record

ONBOARDING RULE CONFIGURATION

Requires an Associated Glossary

☐

Marked as a Key Data Element

☐

Marked as a Certified Object

☒

Confidence Score (50 - 100)

95

ONBOARDING METADATA

Name

Use Physical Field name

Description

Use Physical Field description

Select the rule from the ones available and defined by Admin

Preview items matching the criteria based on rules

Allows for enabling Automated onboarding

Regular expressions defined

Rule Preview CSV

Follows the same format as Manage Catalog links Physical fields exports

	A	B	C	D	E	F	G	H	I	J	K
1	Physical Field Name	Parent	Resource Name	Physical Field ID	Path	Class Type	Glossary Name	Data Type	Data Length	Primary Key Column	
2	c_address	customer.parquet	AmazonS3	AmazonS3://amazons3/Customer/ScannersQA/Parquet_new/customer.parquet/AllData_root/c_address	Customer/ScannersQA/Parquet_new/customer.parquet/c_address	com.infa.ldm.file.parquet.PARQUETField	Glossary_01	STRING	255		
3											
4											

Automated onboarding

- 'Enable Automated Onboarding' must be checked in order for System to have automated onboarding.
- If "Requires an Associated Glossary" is unchecked for the System Rule, then the default Glossary is used for linking of Data sets and Attributes of that System.
 - In case of Glossary association not present- Confidence score is 100 for onboarded attributes.
 - System is skipped if the default Glossary is not found.
- In case of Segmentation, the default glossary from the system's segment will be used for linking.

Restrict Resource Access based on EDC permissions

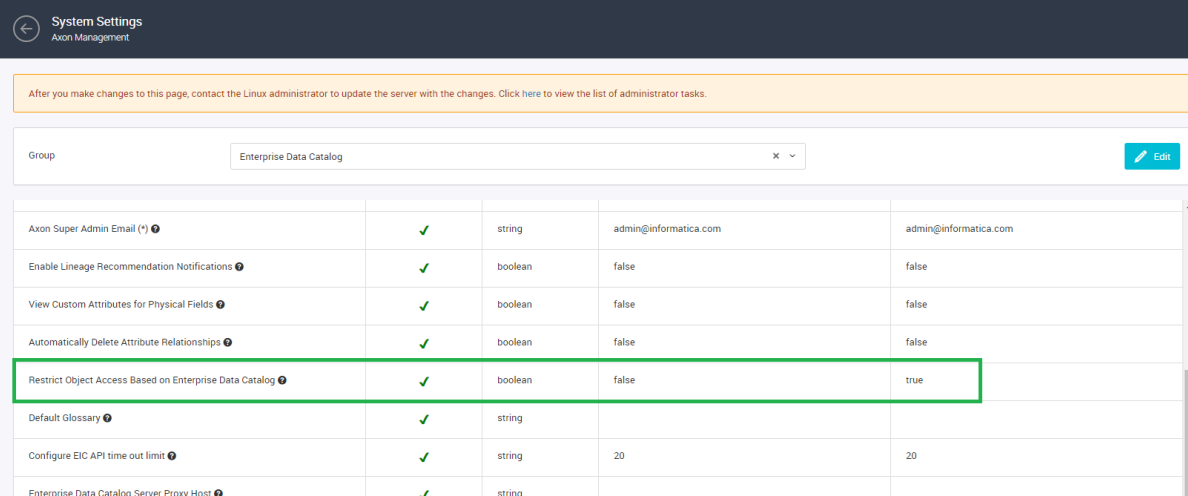
- Provides access to limited resources in Axon based on EDC permissions

Applies only to the onboarding process

Onboarding assets visible to all users as earlier

- Admin can enable/disable this via Admin Panel

Flag should be configured to filter the EDC assets listing based on user permissions in EDC



Setting Name	Status	Type	Value	Default Value
Axon Super Admin Email (*) ⓘ	✓	string	admin@informatica.com	admin@informatica.com
Enable Lineage Recommendation Notifications ⓘ	✓	boolean	false	false
View Custom Attributes for Physical Fields ⓘ	✓	boolean	false	false
Automatically Delete Attribute Relationships ⓘ	✓	boolean	false	false
Restrict Object Access Based on Enterprise Data Catalog ⓘ	✓	boolean	false	true
Default Glossary ⓘ	✓	string		
Configure EDC API time out limit ⓘ	✓	string	20	20
Enterprise Data Catalog Server Proxy Host ⓘ	✓	string		

Comparison between EDC and Axon View with Restriction

The screenshot displays the Informatica Enterprise Data Catalog interface. On the left, a table lists resources. On the right, a search results view shows a graph of assets scanned from 7 resources.

Resources Table:

Resource Name	Description	Resource Type	Linked Axon Systems	Created Date
Oracle_QA12CR1UI		Oracle		01-Jul-2020 11:10:39
Resource5		Oracle		01-Jul-2020 11:25:48
OracleForBDM_v1022	This resource is required for BDM test cases.	Oracle		05-Aug-2020 09:25:05
Oracle_ODS		Oracle		01-Jul-2020 11:35:44
OBIEE_Lineage		Oracle Business Intelligence		01-Jul-2020 11:47:03
OracleScanner_v1022	Oracle scanner of version 12C with Column Profiling, Similarity and Domain Discovery. All DD, First N-5 Rows, Exclude Null Values. Priority-HIGH	Oracle		31-Jul-2020 08:07:41
GBQ_PublicDataset_London	This data counts the number of crimes at two different geographic levels of London (LSOA and borough) by year, according to crime type.	Google BigQuery		30-Jul-2020 10:03:42

Search Results View:

25,502 assets scanned from 7 resources

Other enhancements

- Auto cleanup of auto onboarded lineage driven by configuration in Admin Panel
- Email notification for lineage onboarding to the Stakeholders
- Export of EDC resource for bulk linking Systems to Resources
- Test Connection option for EDC connectivity

Additional Resources supported from EDC

QlikSense

Azure Data Lake Storage Gen 2

SAP HANA & S/4 HANA

SAP BW & BW/4 HANA

SAP ERP



Change Request & Workflow enhancements

Type Based Workflows for Mandatory Approval

- Provides greater flexibility while configuring Default Change Request
- Now user will be able to select different workflows based on type of facet
 - Admins can configure different workflows based on type of object i.e. Glossary of Type Domain can have a workflow that is different from Glossary of Type Sub Domain or Business Term
- Now allows user to choose different ITSM provider as well based on facet type

With Type Based Workflow Support

DEFAULT CHANGE REQUESTS

Facet *

System

Enable Workflow Approval *

Enable Type Based Workflows *

CONFIGURE WORKFLOW APPROVAL SETTINGS

Settings for Facet

Setting for Facet Types

Default Change Request System *

Native

Default Workflow for Creating Object

system_wf_01

Default Workflow for Editing Object

DefaultWorkflow-2-System

Default Axon Status for Creating Object *

Active

← Default Change Requests

Axon Management

DEFAULT CHANGE REQUESTS

Facet *

System

Enable Workflow Approval *

Enable Type Based Workflows *

CONFIGURE WORKFLOW APPROVAL SETTINGS

Settings for Facet

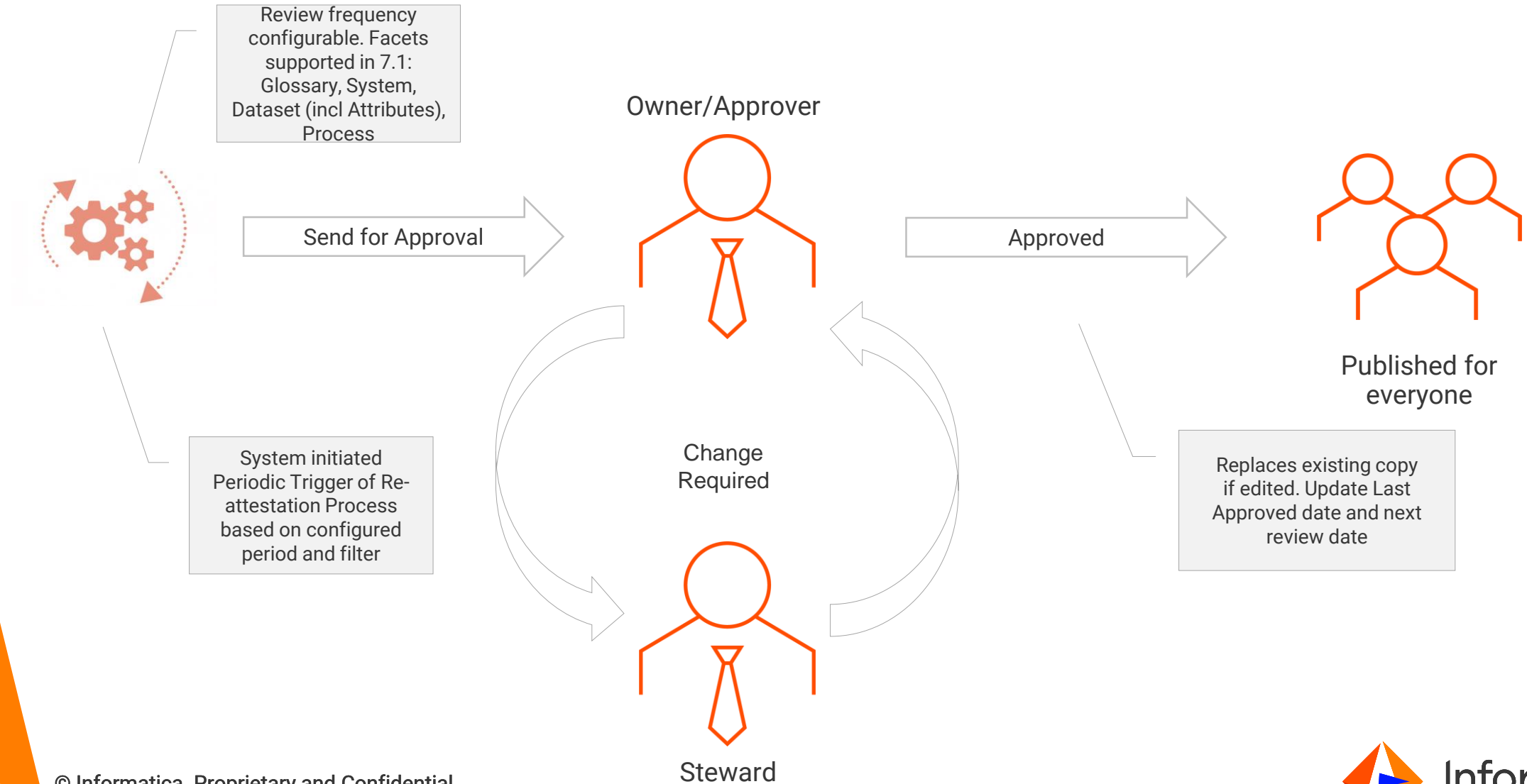
Setting for Facet Types

Type	Default Change Request System	Workflow For Creating Object	Workflow for Editing Object	Change Request Type
Software Application	Inherited from Facet	system_wf_01	system_wf_02	Inherited from Facet
EUC-XLS	Native	Inherited from Facet	Inherited from Facet	Inherited from Facet
EUC-Access	ServiceNow01	Inherited from Facet	Inherited from Facet	Request For Information
EUC-PowerPoint	Inherited from Facet	Inherited from Facet	Inherited from Facet	Inherited from Facet

Object Re-attestation

- It is a mechanism that helps Axon users certify their objects on a periodic basis and keep it up-to-date and fresh. To achieve so, Axon automatically creates 'Change Request' for the objects which needs re-attestation.
- Use cases :
 - I have an emergency audit to evaluate COVID-19 situation. Is there a way to review all the Systems & DataSets in Axon ?
 - Is there a way in Axon to review my data every year to keep it up-to-date
 - My Process needs to be updated every year from the date of its creation, how can I achieve this ?
 - And many more..

Re-attestation Approval Process



How it works?

- We have introduced two non-editable properties for the Object to determine the validity
 - Last Approved Date
 - Next Review Date

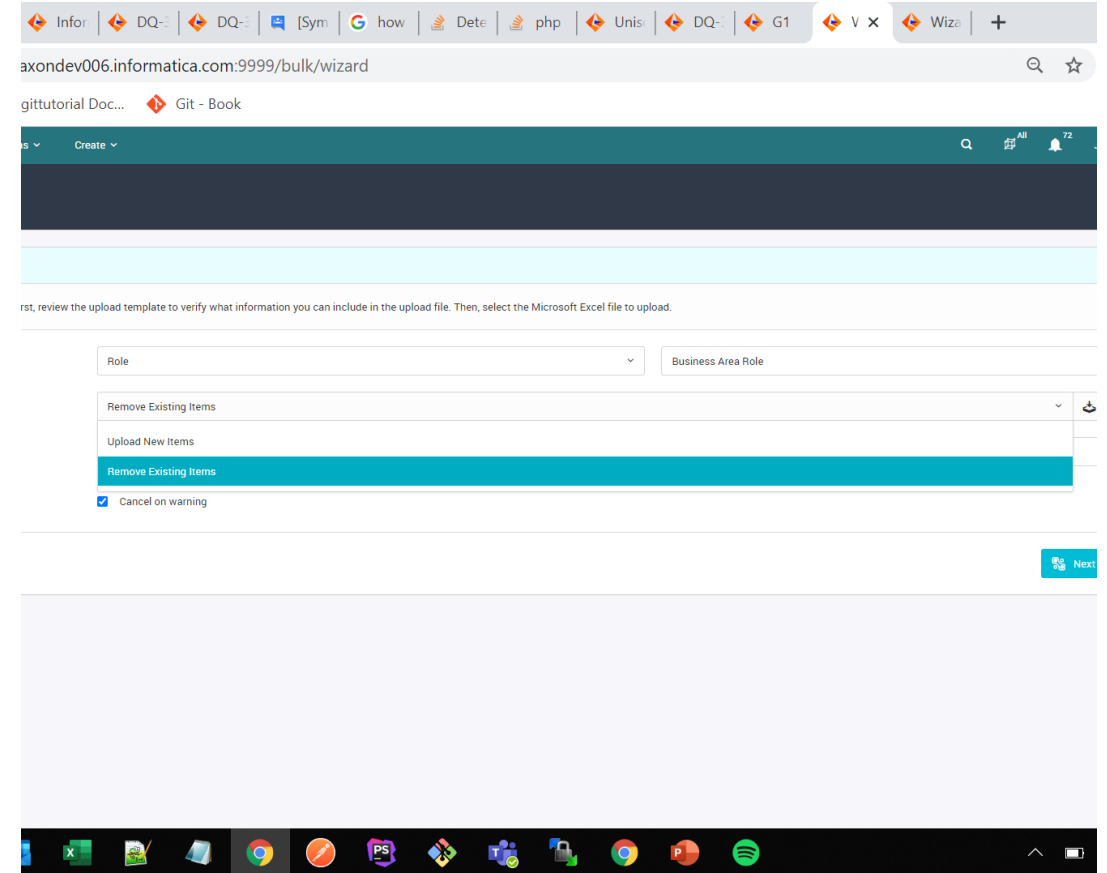
} Validity Range
- A daily-run scheduler is configured to examine the validity and process for re-attestation
- If a particular object is eligible for re-attestation, Axon automatically creates a CR and updates the validity post completion.



Additional enhancements

Bulk Delete of Roles

- Ability to bulk delete of roles using bulk upload wizard
 - User will see new type “Remove Existing Items” in “Upload Option” for roles
 - Creation and deletion of roles have same template
- Capability available using API as well



Bulk Update Of Data Quality Rules

- Ability to bulk update of DQ Rules using bulk upload wizard
 - Applies to both Standard and Local Data Quality rules
- User will see new type “Update Existing Items” in “Upload Option” for DQ Rules
- Upload template had to be revised

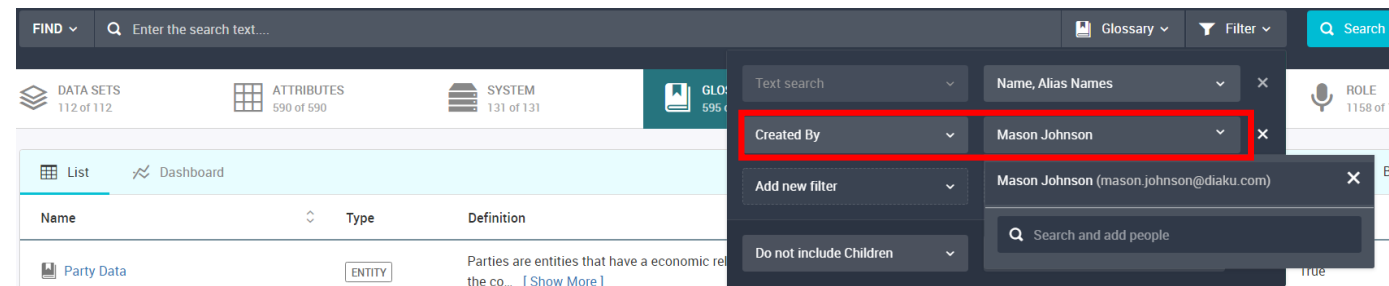
The screenshot shows the 'Upload From File' bulk upload wizard. The header bar is dark blue with the title 'Upload From File' and subtitle 'Bulk Upload'. Below the header, a progress bar indicates the current step: '1. CHOOSE FILE > 2. MAP COLUMNS > 3. UPLOAD'. The main content area is white and contains the following fields:

- Upload Type ***: A dropdown menu with 'Object' selected.
- Upload Option ***: A dropdown menu with 'Update Existing Items' selected. To its right is a 'Download Template' button.
- File to Upload ***: A file selection area with 'Update Existing Items' highlighted. To its right is a 'Choose File' button.
- Error Handling ***: A checkbox labeled 'Cancel on warning' which is checked.

At the bottom right, there is a 'Next Step -> Map Columns' button.

Unison Enhancements

- 'Created By' filter is available for the following facets :
 - System, Glossary, Dataset, Attribute, Policy, Project, Process, System Interface
 - Can choose one or more users and get results accordingly



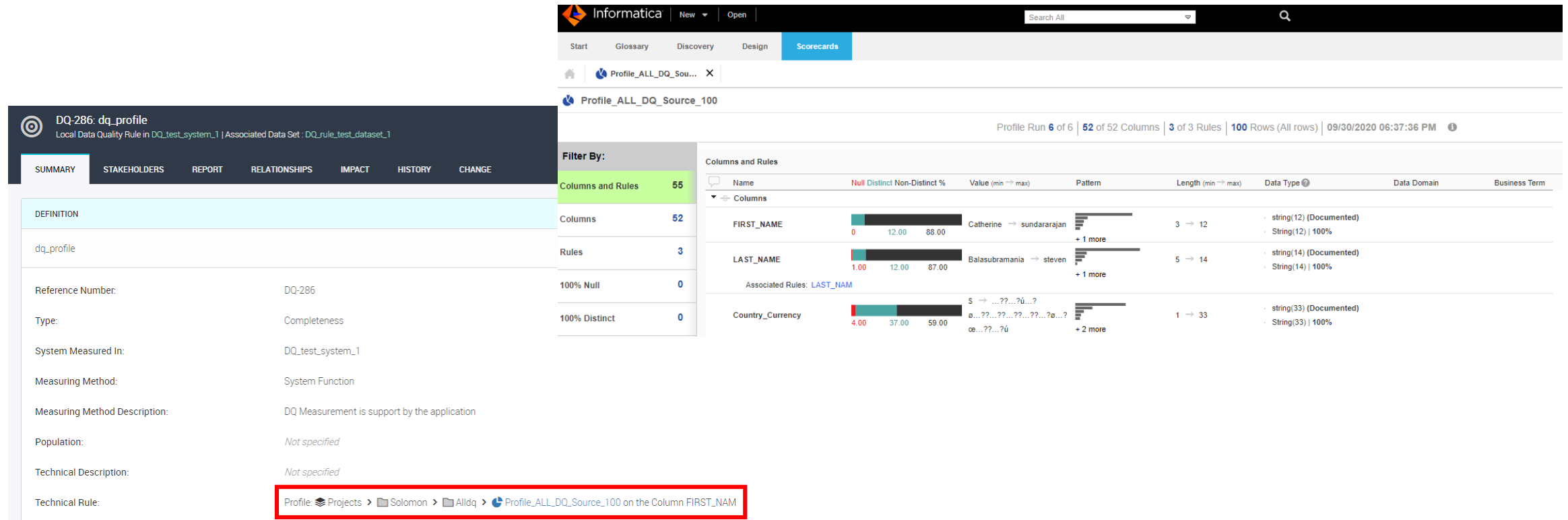
- 'Segments' column in the results table
 - In sync with the segment(s) chosen

The screenshot shows the Unison interface with a search bar at the top. Below the search bar, there are tabs for DATA SETS (1 of 1), ATTRIBUTES (1 of 1), SYSTEM (2 of 2), GLOSSARY (7 of 7), DATA QUALITY (0 of 0), PEOPLE (3 of 3), and ROLE (5 of 5). The GLOSSARY tab is selected. A table is displayed with the following columns: Name, Type, Definition, Parent Name, Parent Type, KDE, Lifecycle, and Segments. The 'Segments' column is highlighted with a red box. The table contains one row with the following data: Name: Enterprice_glossary_2, Type: DOMAIN, Definition: public glossary 2, Parent Name: Enterprice_glossary_1, Parent Type: DOMAIN, KDE: , Lifecycle: Approved, Segments: Enterprise.

Name	Type	Definition	Parent Name	Parent Type	KDE	Lifecycle	Segments
Enterprice_glossary_2	DOMAIN	public glossary 2	Enterprice_glossary_1	DOMAIN		Approved	Enterprise

DQ Rule – Analyst Tool link

Direct navigation from Local DQ Rule to the Analyst Tool



The screenshot displays the Informatica DQ Rule configuration interface for 'DQ-286: dq_profile'. The left sidebar shows the 'SUMMARY' tab, which includes a 'DEFINITION' section with details like Reference Number (DQ-286), Type (Completeness), and System Measured In (DQ_test_system_1). The 'Technical Rule' section at the bottom contains a red-bordered box with the following text: 'Profile: Projects > Solomon > Alldq > Profile_ALL_DQ_Source_100 on the Column FIRST_NAME'.

The main area shows the 'Columns and Rules' section, which includes a 'Filter By' sidebar and a table of columns. The table lists columns such as FIRST_NAME, LAST_NAME, and Country_Currency, along with their respective data types, lengths, and patterns. The 'Columns and Rules' section also includes a 'Filter By' sidebar with a 'Columns and Rules' section showing 55 columns and 3 rules.

Informatica | New | Open | Search All

Start | Glossary | Discovery | Design | Scorecards

Profile_ALL_DQ_Sou... X

Profile_ALL_DQ_Source_100

Profile Run 6 of 6 | 52 of 52 Columns | 3 of 3 Rules | 100 Rows (All rows) | 09/30/2020 06:37:36 PM

Filter By:

Columns and Rules 55

Columns 52

Rules 3

100% Null 0

100% Distinct 0

Columns and Rules

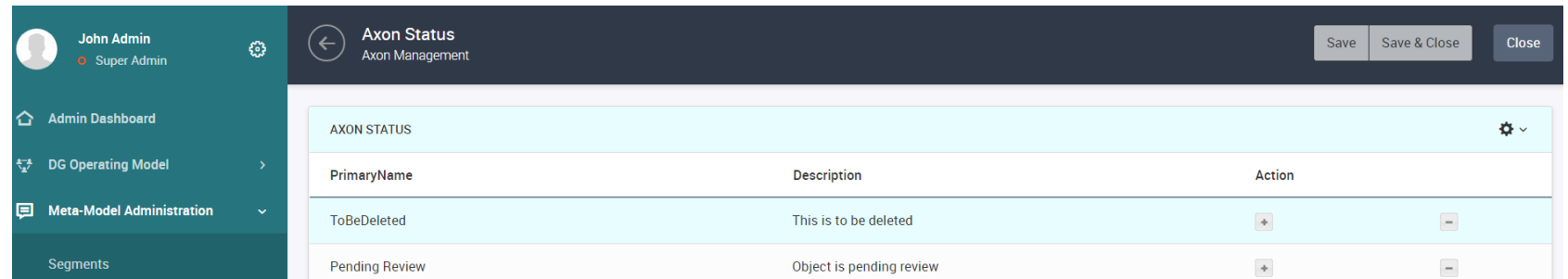
Name	Null	Distinct	Non-Distinct %	Value (min → max)	Pattern	Length (min → max)	Data Type	Data Domain	Business Term
FIRST_NAME	0	12.00	88.00	Catherine → sundararajan	+ 1 more	3 → 12	string(12) (Documented)	String(12) 100%	
LAST_NAME	1.00	12.00	87.00	Balasubramania → steven	+ 1 more	5 → 14	string(14) (Documented)	String(14) 100%	
Country_Currency	4.00	37.00	59.00	\$ → ...??...?ú...? ø...??...??...??...?ø...? œ...??...?ú	+ 2 more	1 → 33	string(33) (Documented)	String(33) 100%	

Associated Rules: LAST_NAME

Profile: Projects > Solomon > Alldq > Profile_ALL_DQ_Source_100 on the Column FIRST_NAME

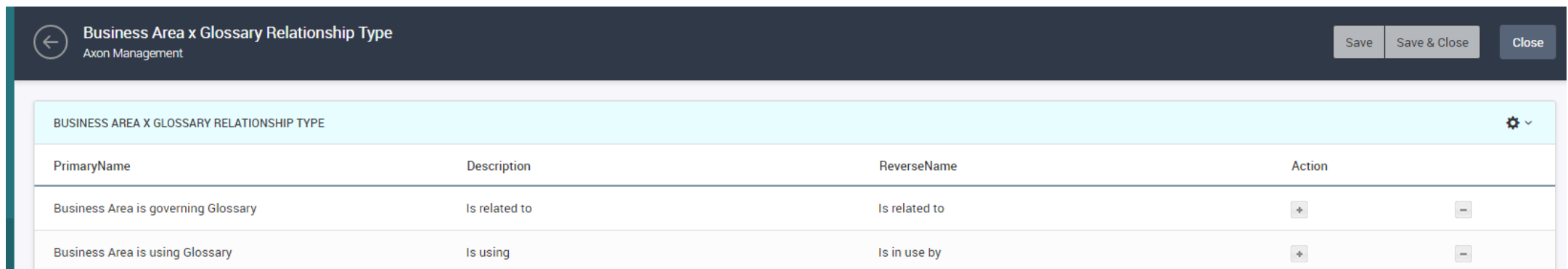
Drop-down config deletion

- Applicable to the items listed in Meta-Model Administrations -> Dropdown Configurations *
- Allows Admin to remove values as needed



The screenshot shows the 'Axon Status' configuration page. The left sidebar includes a user profile for 'John Admin' (Super Admin) and navigation links for 'Admin Dashboard', 'DG Operating Model', 'Meta-Model Administration', and 'Segments'. The main content area has a header with a back arrow, 'Axon Status', and 'Axon Management'. Below this is a table titled 'AXON STATUS' with columns 'PrimaryName', 'Description', and 'Action'. The table contains two rows: 'ToBeDeleted' (Description: 'This is to be deleted') and 'Pending Review' (Description: 'Object is pending review'). Each row has a '+' icon in the 'Action' column. At the top right of the main area are buttons for 'Save', 'Save & Close', and 'Close'.

PrimaryName	Description	Action
ToBeDeleted	This is to be deleted	+
Pending Review	Object is pending review	+



The screenshot shows the 'Business Area x Glossary Relationship Type' configuration page. The left sidebar is the same as the previous screenshot. The main content area has a header with a back arrow, 'Business Area x Glossary Relationship Type', and 'Axon Management'. Below this is a table titled 'BUSINESS AREA X GLOSSARY RELATIONSHIP TYPE' with columns 'PrimaryName', 'Description', 'ReverseName', and 'Action'. The table contains two rows: 'Business Area is governing Glossary' (Description: 'Is related to', ReverseName: 'Is related to') and 'Business Area is using Glossary' (Description: 'Is using', ReverseName: 'Is in use by'). Each row has a '+' icon in the 'Action' column. At the top right of the main area are buttons for 'Save', 'Save & Close', and 'Close'.

PrimaryName	Description	ReverseName	Action
Business Area is governing Glossary	Is related to	Is related to	+
Business Area is using Glossary	Is using	Is in use by	+

Multi-LDAP Support

- Test Connection feature available
- Users being on-boarded can be tracked vis-à-vis which LDAP they came in from

The screenshot shows the 'System Settings' page in the Informatica Axon Management interface. The left sidebar contains navigation links: Admin Dashboard, DG Operating Model, Meta-Model Administration, Operational Management, and Customize & Configure. The main content area is titled 'System Settings' and 'Axon Management'. It features a warning message about contacting the Linux administrator after changes. Below this is a 'Group' dropdown menu set to 'LDAP Server'. A table titled 'LDAP SERVER' lists existing LDAP servers with columns for Name and Description. The table contains two entries: 'LDAP_Server_MSAD2012' and 'LDAP_Server_MSAD_2016'. The bottom right of the table indicates '2 records'.

John Admin
Super Admin

System Settings
Axon Management

After you make changes to this page, contact the Linux administrator to update the server with the changes. Click [here](#) to view the list of administrator tasks.

Group: LDAP Server

Name	Description
LDAP_Server_MSAD2012	LDAP Server_MSAD2012 description
LDAP_Server_MSAD_2016	LDAP_Server_MSAD_2016 description

2 records

Segment assignment based on SSO

- Allows users to be assigned based on the User Properties
 - Email
 - Org Unit Name/Ref
 - Profile
- Admin needs to provide values in Regular Expression based on these properties
 - For example, if all users from “informatica.com” domain needs to be assigned to a specific segment

Public Sharing of Dashboard

- Provides an ability to share dashboards with all users.
- Privilege available only to the Admin users.
- Requires the saved searches used for Dashboard widget creation to be designated as public searches as well

Modify Sharing

☐ Share with public
Share the dashboard with all users in your organization.

☐ Share with selected users
Share the dashboard with specific users.

☒ Stop sharing
Do not share. If the dashboard is already shared with some users, it will be removed from their view, but the shared searches will remain in their 'Searches Shared With Me' page.

Save

Cancel

Other enhancements

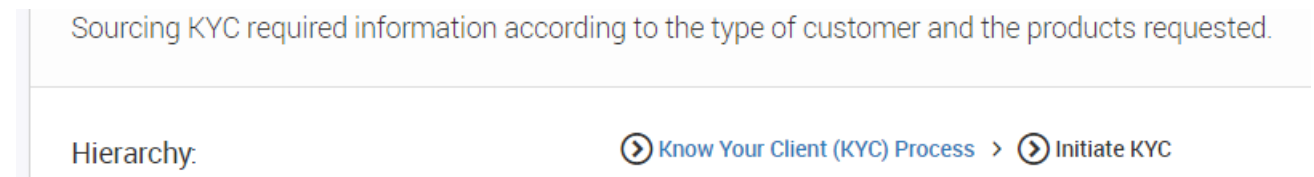
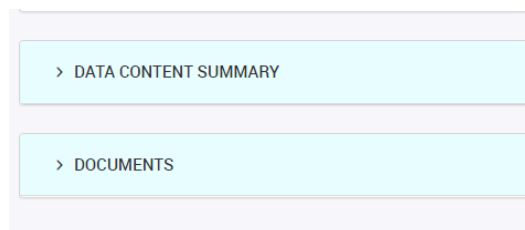
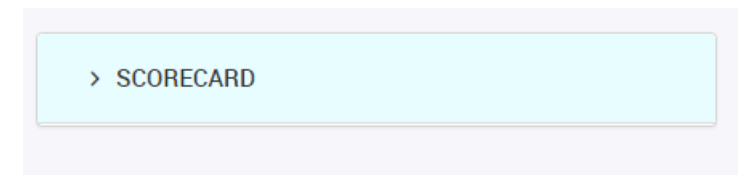
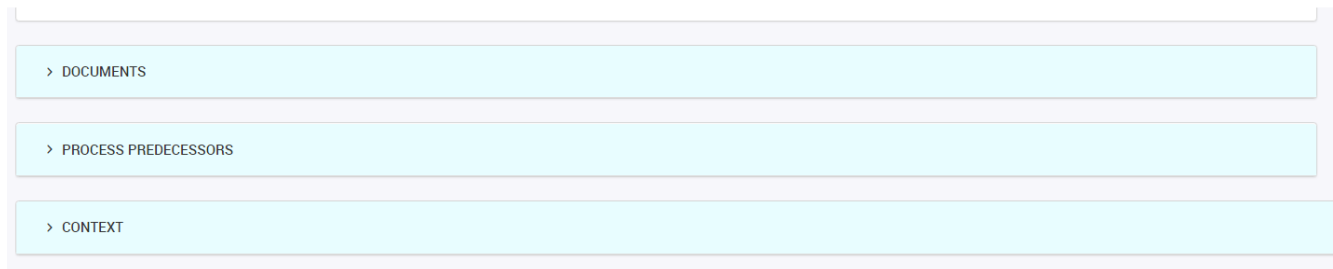
- Azure SQL Datawarehouse support for Profiles and Scorecards
 - Allows for viewing and linking Azure SQL Datawarehouse Profiles and Scorecards in Axon
 - Requires update latest DQ Agent to support this
- Email notification for items followed
- Ability to change password for PostgreSQL during and post install
- HTTPD logs capturing user logins and logouts

Performance

- Improved performance for certain types of Unison Queries
- Faster page load times for Glossary, System, Dataset, Process overview pages
 - Certain information will be loaded on demand to reduce upfront load times
- Support for OrientDB clustering for improved scale and concurrency

Summary Page Changes to improve Page load times

- Applicable to Glossary, System, Process, Data Set (ie Maker-Checker facets) summary pages
- Collapsed sections & data retrieved on demand
 - Glossary : Documents, Scorecard
 - System : Data Content Summary , Documents
 - Process : Documents, Processor Predecessors, Context
 - Data Set : Documents, Scorecard
- Hierarchy DHTML grid for child objects replaced with a textual representation



Walk Throughs

- Administrative Tasks -> Configure System Settings
 - Configure Access to Enterprise Data Catalog, Configure Access to LDAP, Configure Access to Informatica Data Quality
- Segmentation
 - Create a Segment, Adding Org Units and users in segment
- Workflow and Change Requests
 - Create Default Workflows, Configure Default Change Requests, Connect External Change Request System
- Data Marketplace
 - Enable Data Marketplace, Configure Data Marketplace, Publish Data Set, Introduction Data Marketplace, Shop For Data, Approve or Reject Data Access Request, Fulfill Data Access Request

PAM Updates

- Operating System Support:
 - RHEL v7.8, v7.9
 - Suse 12SP5
- Browser Support
 - Edge Chromium
- Docker installation support
- Repository Support
 - AWS RDS
 - Azure Postgresql

Axon Data Marketplace v7.1 overview, brought to you by...



Ian Stahl

Product Management



Kate Amory

Product Marketing

Data Democratization Drives Business Value

Broad, consistent, and easy consumption of data for all employees



Data Needs to Be Clean, Prepared, and Trusted



80% of time
is spent on search and
data preparation¹



25% of useful data
created in 2018 was
tagged²



60% of organizations
are challenged by
data quality¹



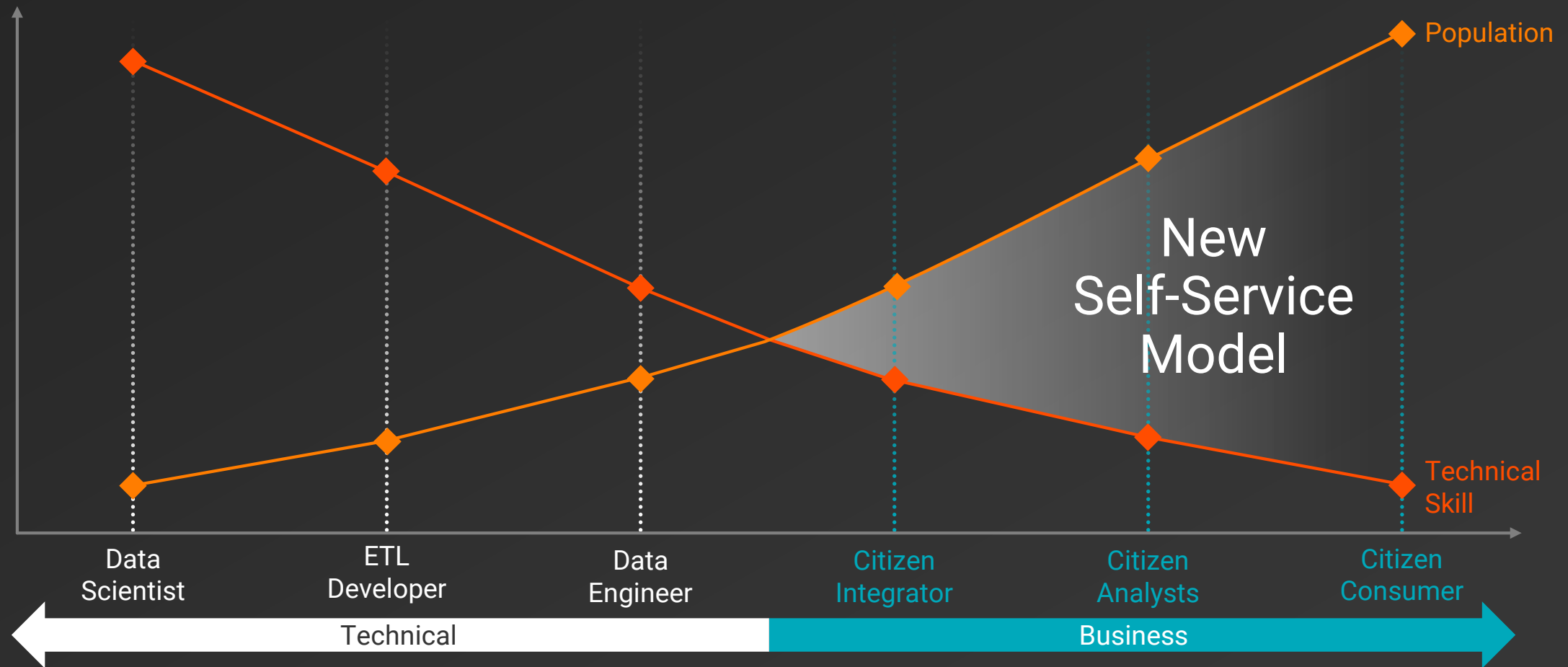
13% of tagged data
was used for
analysis²

Sources:

¹ IDC, End-User Survey Results: Deployment and Data Intelligence in 2019, #US45652419, Nov 2019

² IDC, Worldwide Global DataSphere Forecast, 2019-2023, #US44615319, Jan 2019

And It Needs to Be Easy to Access and Consume



Governed Data Democratization

Requires multiple people, organizational functions, and technical capabilities



Governed Data Democratization

Requires intelligence and automation to scale

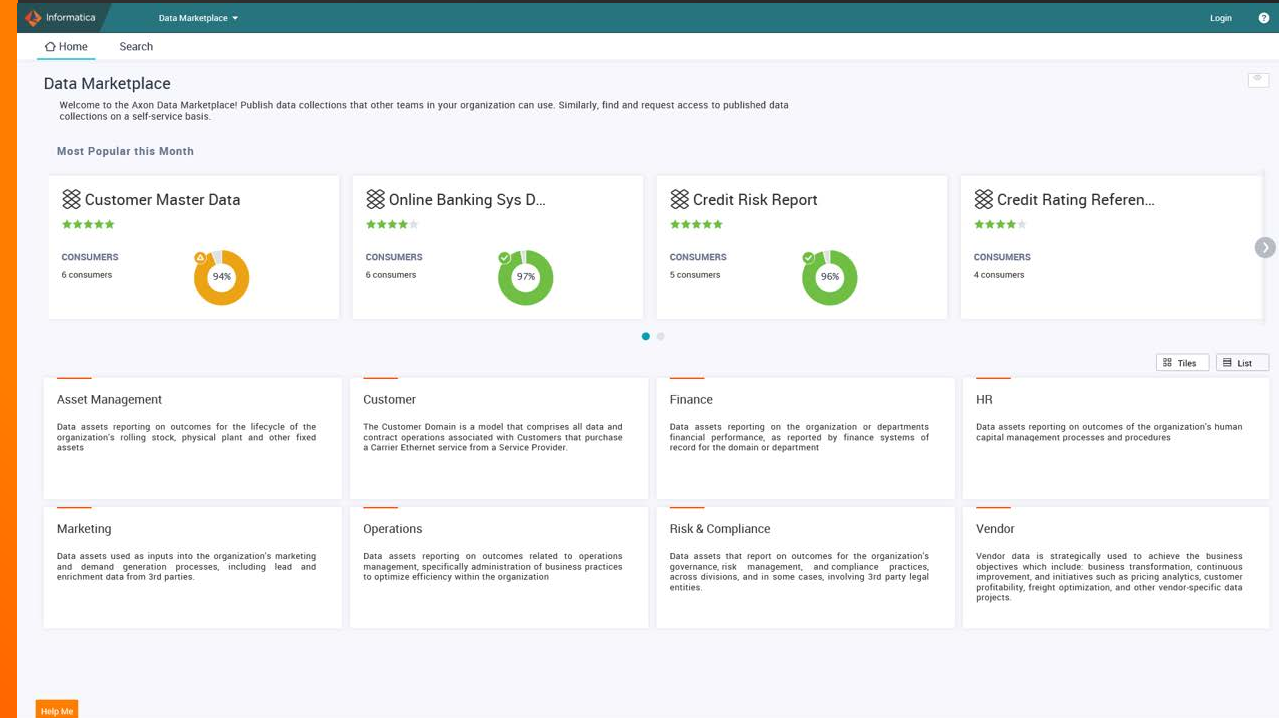


Organizations that apply intelligent automation to enable their people and processes with data have a better opportunity to succeed within the scale of modern data environments.

Stewart Bond, Director, Data Integration and Integrity Software Research

IDC Market Spotlight, Sponsored by Informatica, Automating Intelligent Data Governance, #US45524319, September 2019

Informatica delivers
industry's only
integrated, intelligent,
enterprise-scale,
governed Data
Marketplace

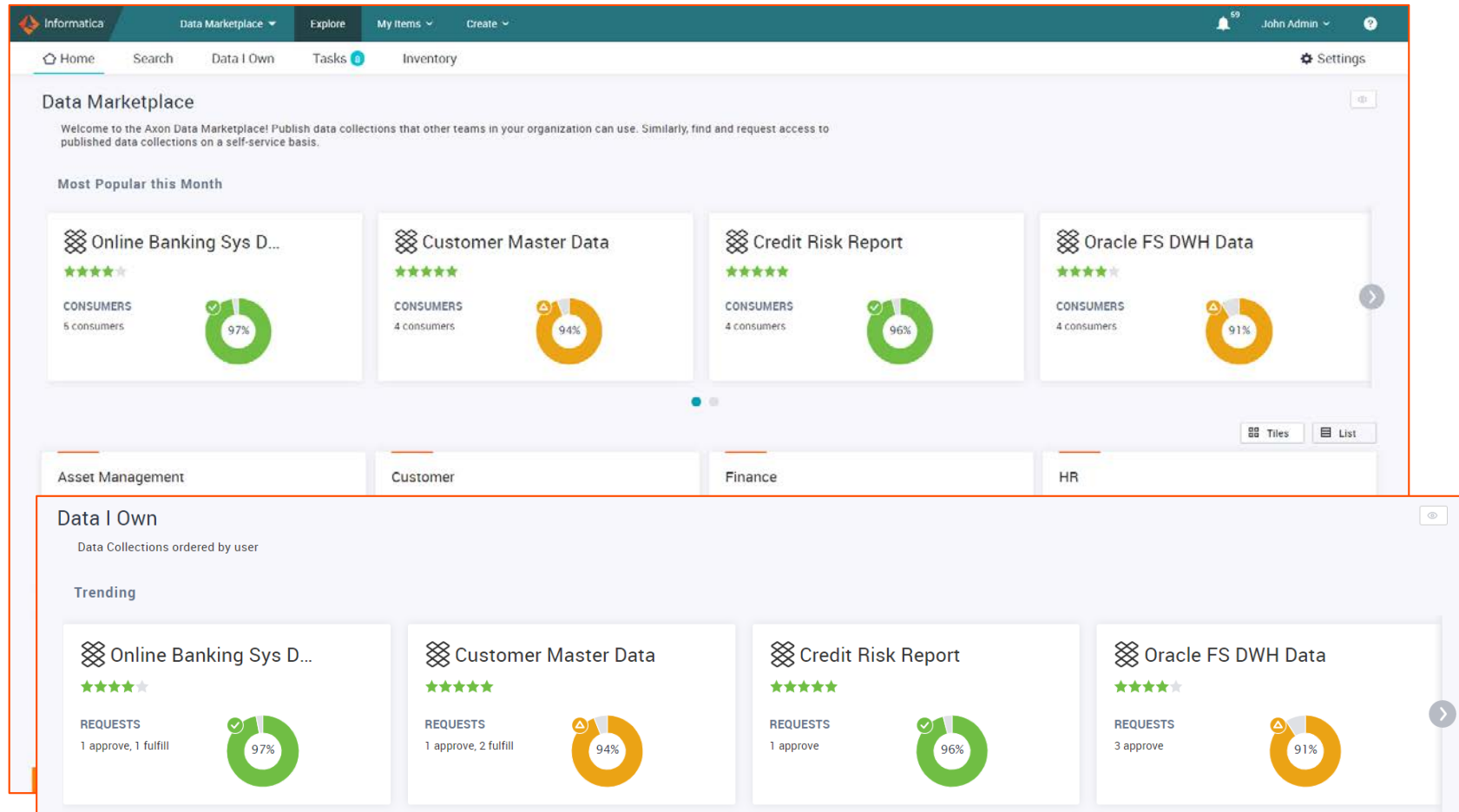


Axon Data Marketplace 7.1 Priorities

- Operationalize Marketplace
 - Data Request Processing (In-App & Email Notification)
 - Inventory and Access Management
 - Category Lifecycle Management
 - Assign Owner/Stakeholders
- Data Collaboration and Crowdsourcing
 - Asset Request Framework
 - Data Asset Usage Ratings & Comments
- Merchandising
 - Tile-based data asset promotion
 - Search and browse optimization
 - Data presentation grid optimization



Data Promotion Tiles



- Build on tile-based presentation cocategories in the v7 Marketplace homepage
- Tiles highlight new, important or relevant data collection in context
- Incorporate state information, availability, quality, request and rating information, as available

Order Management Notifications

The screenshot shows the Informatica Data Marketplace interface. The top navigation bar includes 'Home', 'Search', 'Data I Own', 'Tasks' (highlighted with a '10' badge), and 'Inventory'. The 'Tasks' section displays a timeline of events: 'You commented on 30 Sep 2020 at 04:20 pm' with a comment 'Hi Frankie, can you provide your Azure Project location information to the order? I'll need that information to provision to Azure Synapse.', 'Pending Approval', and 'Frankie Lee placed the order on 30 Sep 2020 at 08:37 am' with a note 'Required for customer targeting for next campaign.' A 'Data Access Requested' notification is overlaid, stating: '29-Sep-2020 07:00:00 Frankie Lee has requested access to the 'Customer Master Data' data collection and created order Ord000011.' The notification also lists details: PURPOSE (Master data for fs details and customers), DATA OWNERS (John Admin), TECHNICAL OWNERS (Florence King), CATEGORY (Customer > Customer Operations), and RELATED PROJECT / INITIATIVE (BAU).

The screenshot shows the 'My Orders' section of the Informatica Data Marketplace. It displays a list of orders under 'Most Recently Updated': 'FS Risk Adj Data' (PENDING APPROVAL, ORDERED 30 Sep 2020), 'Online Banking Sys Data' (FULFILLMENT STAGE, ORDERED 30 Sep 2020), and 'Credit Rating Referen...' (ORDER FULFILLED, ORDERED 29 Sep 2020). A notification is overlaid, showing a sequence of events: 'Data Access Order Approved' (30-Sep-2020 07:00:00), 'Data Access Order Fulfilled' (29-Sep-2020 07:00:00), and 'Data Access Order Rejected' (29-Sep-2020 07:00:00). The notification text states: 'Your access request for the 'Online Banking Sys Data' data collection against order Ord000022 has been approved by John Admin.', 'Your access request for the 'Credit Rating Reference Cross-Walk' data collection against order Ord000002 has been fulfilled with access number Acc000001', and 'Your access request for the 'Credit Rating Reference Cross-Walk' data collection against order Ord000011 has been rejected by John Admin.' Below the notification, there are three comment boxes with messages: 'Approved for requested use.', 'This is accessible via the lake, your permissions have been updated.', and 'Please review the revised definition, and re-request the data.'

- In-app and email notification of order management tasks
- Keeps owners and requestors up-to-date on needs for Marketplace data
- Offline notification through email when configured through Axon system config.

Flexible Marketplace Lists and Views

The screenshot displays the Informatica Marketplace interface. At the top, there are four data collection cards: 'Online Banking Sys D...', 'Customer Master Data', 'Credit Risk Report', and 'Oracle FS DWH Data'. Each card shows a star rating, a 'REQUESTS' count, and a progress indicator. Below these is a 'Data Collections' table with columns for NAME, REF, PURPOSE, CATEGORY, APPROVE, FULFILL, and WITHDRAW. The table lists 'Accounts' with a 'Show All' dropdown. Below the table is a 'Data Sets' section with tabs for Delivery, Policies, Approve, Fulfill, Withdraw, Access Inventory, Rating, and Discussion. The 'Data Sets' table has columns for NAME, DEFINITION, REF, LIFECYCLE, SYSTEM, and ATTRIBUTES. It lists 'Oracle FS DWH Data' with 9 attributes. A detailed view of the 'Oracle FS DWH Data' data set is shown below, with columns for NAME, DEFINITION, REF, DATA SET, GLOSSARY NAME, CLASSIFICATION, and DATA QUALITY. A 'View in Axon' button is present. A sidebar on the right shows a 'Data Quality' section with a 'Reset' button and a 'Download' button. The sidebar also lists 'Definition', 'Ref.', 'Data Set', 'DB Field Name', 'Data Type (Data Length)', 'System', 'Origin', and 'Review Status'.

NAME	DEFINITION	REF	LIFECYCLE	SYSTEM	ATTRIBUTES
Oracle FS DWH Data	Data relating to fs industry stored in o...	DS-4	Approved	Oracle FS DWH	9 Attributes

NAME	DEFINITION	REF	DATA SET	GLOSSARY NAME	CLASSIFICATION	DATA QUALITY
FS Customer Name	The legal name of the Financial...	AT-10	Oracle FS DWH Data	FS Customer Name	high	
FS Customer Date of Birth	The birthdate of the Financial S...	AT-11	Oracle FS DWH Data	FS Customer Date of Birth	high	
FS Customer Address	The current home address of th...	AT-12	Oracle FS DWH Data	FS Customer Address	med	
CMD ID	Exposure at Default is a param...	AT-13	Oracle FS DWH Data	Exposure at Default		
Total Revenue	The total revenue made by the ...	AT-14	Oracle FS DWH Data	Total Revenue		
Variable costs	A company's variable productio...	AT-15	Oracle FS DWH Data	Variable Costs		
EAD	Exposure at Default is a param...	AT-16	Oracle FS DWH Data	Exposure at Default		
Collateral	Collateral	AT-17	Oracle FS DWH Data	Collateral		
Balances	Sum of balances	AT-18	Oracle FS DWH Data	Balances		

- Configurable table views display all fields from Axon Data Sets/Attributes, including custom fields
- Downloadable grids into CSV, so that data content can be reviewed and assessed offline
- Customizable per user preferences

Ratings & Comments

PURPOSE Notify various consumers for any changes in the attributes of a vehicle. It sends the change indicators for all the attributes.

RATING ★★★★★

STATUS Published

DATA OWNERS Jane Smith, Mohinder Panjal

TECHNICAL OWNERS AXON Admin

DEFAULT TARGET S3 Reporting Environment (preferred)

FORMAT .dbt

METHOD Email

LOCATION https://repository.corporatespace.com/dl_i...

DESCRIPTION Information about the provisioning, set in a text area and which could comprise of several lines of text. Anything not captured i...

APPROVE

Ord2134 requested 3 Jan 2020

Ord2130 requested 3 Jan 2020

+2 more

Rating

4.0

★★★★★

★★★★★ 1

Ratings And Comments

Cancel Save

CHOOSE RATING

☒ ★★★★★ Excellent

☐ ★★★★☆ Mostly fit for purpose, not quite perfect

☐ ★★★☆☆ Needs a bit more work

☐ ★★☆☆☆ Some serious issues

☐ ★☆☆☆☆ Unusable

ADD COMMENT (OPTIONAL)

B I U S E E

Really appreciate the appended CMD-ID cross-reference for **Market Data** in this file. Recommend for any whitespace analysis for NA market performance.

Comments

Freddy Drake commented on 30 Sep 2020 at 05:18 AM

★★★★★

- Data Consumers can rate and comment on data collections they're using
- Data Owners can review and reply to the comments provided by those users
- Ratings are aggregated and presented in the details view, and in data collection tile views.
- Search and filter on consumer ratings

Request New Data Collection

The screenshot displays the Informatica Data Marketplace interface. At the top, the navigation bar includes 'Informatica', 'Data Marketplace', 'Explore', 'My Items', and 'Create'. A user profile 'Carter Consumer' is visible in the top right. Below the navigation bar, the main content area shows a search result for 'Fleet DOE Fleet Product'. The 'Request Details' form is the central focus, featuring a 'BUSINESS JUSTIFICATION' text area with a rich text editor, a 'TIME SENSITIVITY' date picker set to '30/12/2021', and 'Back' and 'Submit Request' buttons. To the right of the form is a 'Data Collection Request Summary' panel. The summary includes the 'Requested Category' (Customer > Customer Operations), a 'DESCRIPTION' (Reporting on performance of customer engagement operations...), and a 'Similar Data Collection' section for 'Master Data' with details on its purpose, data owners (Kate Amory), technical owners (Florence King), and category.

Informatica Data Marketplace

Search > Fleet DOE Fleet Product Dc 001

Summary

PURPOSE: Notify various consumers for any changes in the attributes of a vehicle. It sends the change indicators for all the attributes.

Delivery +11 more options

DEFAULT TARGET: S3 Reporting Environment (preferred)

FORMAT: .dbt

Access

Checkout

Request Details

BUSINESS JUSTIFICATION

Need revision to Master Data file to add CMD-ID cross-reference for Market Data in LocalDW.

TIME SENSITIVITY

30/12/2021

Back Submit Request

Data Collection Request Summary

Requested Category

CATEGORY: Customer > Customer Operations

DESCRIPTION: Reporting on performance of customer engagement operations, such as sales, service and support, including 3rd party operations, where applicable

Similar Data Collection

Ref. NO-3

Master Data

PURPOSE: Master data for fs details and customers

DATA OWNERS: Kate Amory

TECHNICAL OWNERS: Florence King

CATEGORY: Customer > Customer Operations

“Didn’t find what you’re looking for?”

- Marketplace users can request new data collections, based on available data, updated for:
 - New Data Sets
 - Changes to Usage Terms
 - New Delivery Methods
 - Other conditions
- Requests processed through order workflows, and can be customized as needed

Data Asset Search Optimization

The screenshot displays the Informatica Data Marketplace search interface. The top navigation bar includes 'Data Marketplace', 'Explore', 'My Items', and 'Create'. The main search area features a search bar with the placeholder 'Find data collections by name or purpose', a 'Search...' button, and a 'Clear Search' link. Below the search bar, there are filter sections for 'Owners' and 'Projects'. The 'Owners' filter shows a dropdown menu with 'Alex Arden' and 'Effie Esbjorn' selected. The 'Projects' filter shows a dropdown menu with 'Upgrade #443', 'Finance Reports 2021', 'Employee Satisfaction Project', 'Project Eagle', 'Project Desert Fox', and 'Finance Reports 2020' selected. The search results table lists data collections with columns for NAME, DATA SETS, CATEGORY, and OWNER. The table shows several rows of data, including 'Fleet DOE Fleet' and 'Fleet DOE Fleet'.

NAME	DATA SETS	CATEGORY	OWNER	
Fleet DOE Fleet	s consumers about changes in the attrib...	Fleet_No	Vehicle	Sam Smith
Fleet DOE Fleet	s consumers about changes in the attrib...	Fleet_No	Vehicle	Sam Smith
Fleet DOE Fleet	s consumers about changes in the attrib...	Fleet_No	Vehicle	Sam Smith
Fleet DOE Fleet	s consumers about changes in the attrib...	Fleet_No	Vehicle	Sam Smith
Fleet DOE Fleet	s consumers about changes in the attrib...	Fleet_No	Vehicle	Sam Smith
Fleet DOE Fleet	s consumers about changes in the attrib...	Fleet_No	Vehicle	Sam Smith
Fleet DOE Fleet	Notify various consumers about changes in the attrib...	Fleet_No	Vehicle	Sam Smith

- More intuitive findability for data sets within and across categories
- Optimized management for Search Filter access and controls
- Search and filter by user ratings
- Provide coordinated Axon Unison search filters within Marketplace Category browser

Order Inventory Management

The screenshot displays the Informatica Data Marketplace interface for managing order inventory. The top navigation bar includes 'Data Marketplace', 'Explore', 'My Items', and 'Create'. The main content area is divided into three panels: 'Summary', 'Delivery', and 'Requests'. The 'Summary' panel shows details for 'Fleet DOE Fleet Product' including purpose, status, data owners, technical owners, and category. The 'Delivery' panel shows default target, format, method, location, and description. The 'Requests' panel shows a list of requests with status and dates. Below these panels is a table of orders with columns for order ID, consumer, ordered date, category, business justification, and status. A modal dialog is open over the table, showing 'Reject' and 'Approve' buttons.

ORDER	CONSUMER	ORDERED	CATEGORY	BUSINESS JUSTIFICATION	STATUS
Ord4571	Carter Consumer	30 Dec 2019	Vehicle	Customer personal info...	FULFILLMENT STAGE
Ord4571	Carter Consumer	30 Dec 2019	Vehicle	Customer personal info...	FULFILLMENT STAGE
Ord4571	Carter Consumer	30 Dec 2019	Vehicle	Customer personal info...	PENDING APPROVAL
Ord4571	Carter Consumer	30 Dec 2019	Vehicle	Customer personal info...	FULFILLMENT STAGE
Ord4571	Carter Consumer	30 Dec 2019	Vehicle	Customer personal info...	FULFILLMENT STAGE
Ord4571	Carter Consumer	30 Dec 2019	Vehicle	Customer personal info...	ACCESS REJECTED
Ord4571	Carter Consumer	30 Dec 2019	Vehicle	Customer personal info...	PENDING APPROVAL

- Coordinate order management and delivery across workflow participants in approval and fulfillment activities
- Accessible management from both Owner personal page, and Data Collections details views

Marketplace Configuration Management

The screenshot displays the Informatica Data Marketplace configuration interface. The top navigation bar includes the Informatica logo, 'Data Marketplace', 'Explore', 'My Items', and 'Create'. The main navigation bar has 'Home', 'Search', 'Data I Own', 'Tasks', and 'Inventory'. The 'Settings' tab is active, showing 'General', 'Delivery', 'Integration', and 'Custom Fields'. The 'Delivery' section is selected, with a sub-section 'Policy Administration' highlighted. This section contains a 'TERMS OF USE MESSAGE' field with a text area for terms and conditions, and a 'REQUIRE USER TO AGREE?' checkbox. Below these are 'EULA INFORMATION POLICY TYPE' and 'EULA CONFIRMATION POLICY TYPE' dropdowns. A table at the bottom shows configuration details for 'FRT1'.

NAME	Other	Delivery...	Delivery...
1 - 3 of 3 de			
Format			
NAME			
C			
N			
F			
FRT1	Decimal	89	true
FRT1	Decimal	89	true

- Centralize Marketplace configuration parameters across a number of configuration dimensions
 - ITSM Integration
 - Delivery Targets
 - Custom Fields
 - Policy Linkage
- Allows Marketplace administrators to coordinate configuration across different dimensions

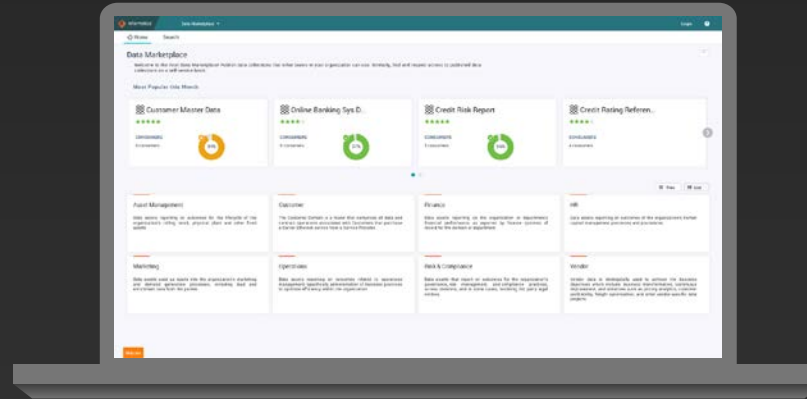
Axon Data Marketplace v7.1 Demonstration



Informatica®

Axon Data Marketplace

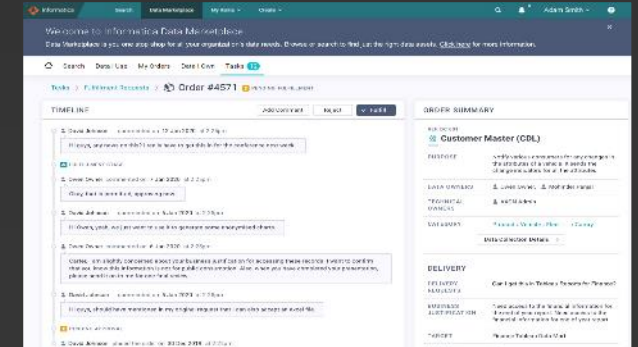
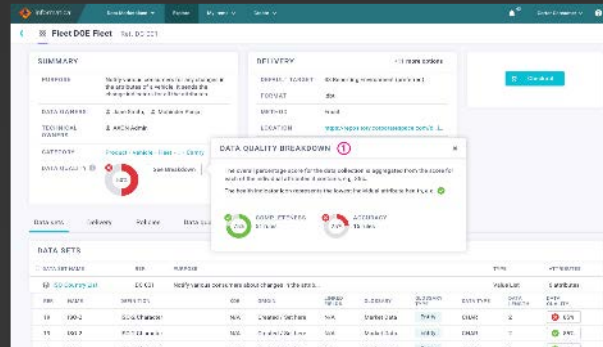
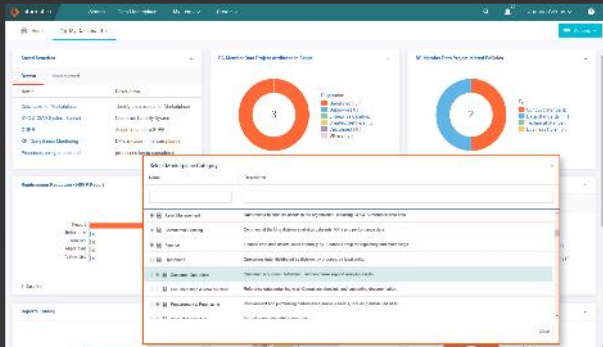
A storefront, with order management, and governed provisioning capabilities



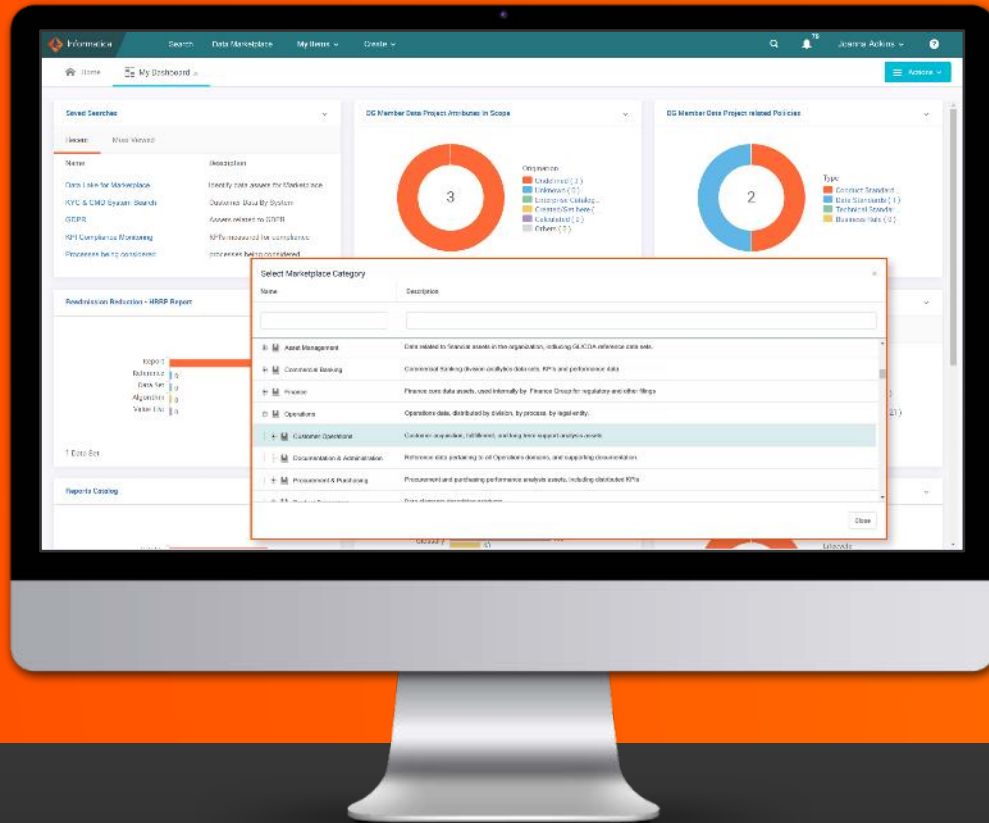
Create & Publish

Shop & Checkout

Fulfill & Track



Create & Publish

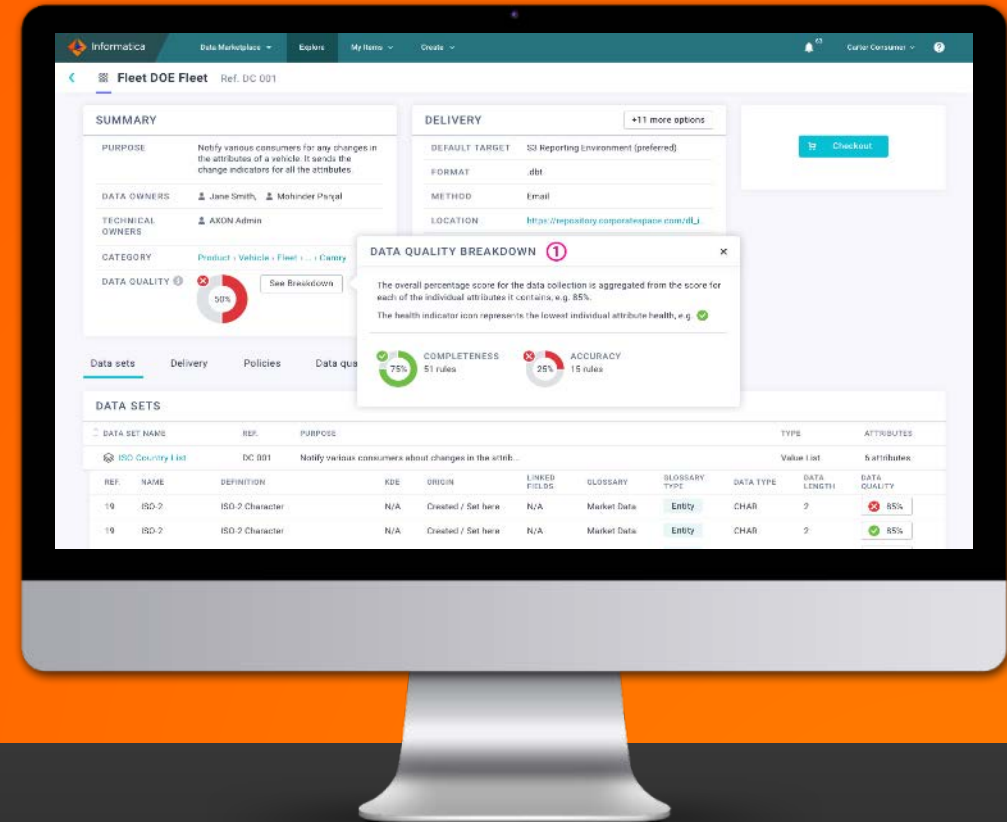


- Populate marketplace with governed datasets
- Create category hierarchy
- Auto-curate data with quality context
- Auto-curate data with policy context

Leverage integration and metadata-driven intelligence and automation to open up availability of curated and governed data to data consumers

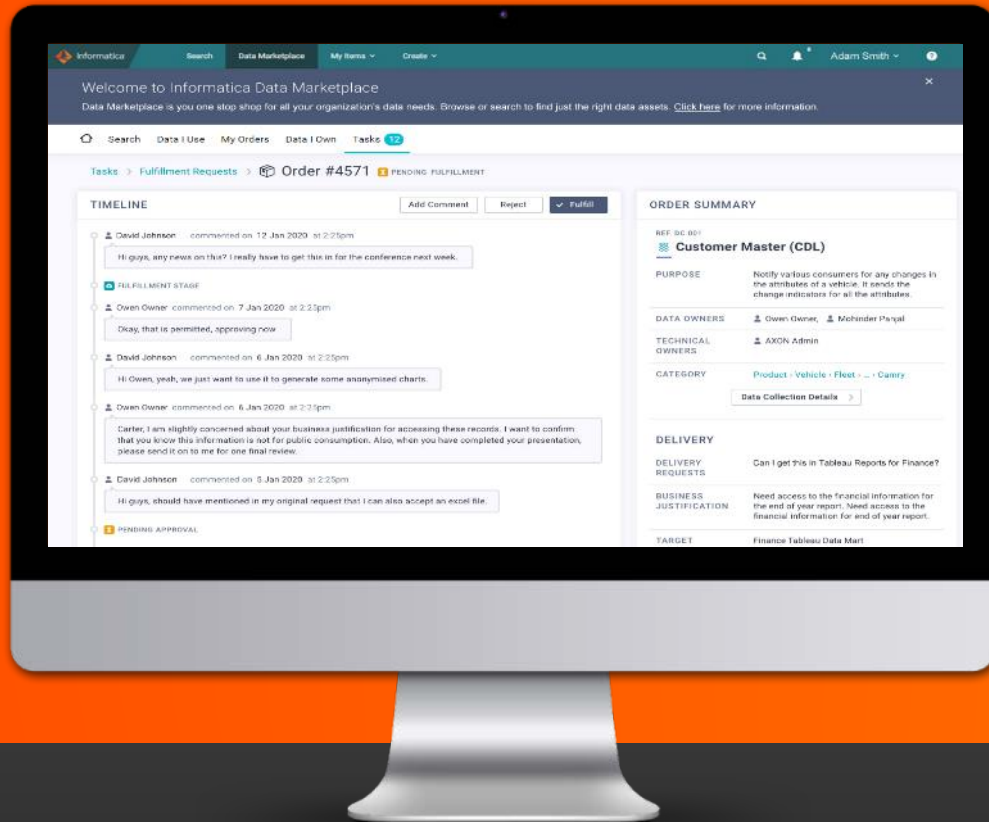
Shop & Checkout

- Familiar, seamless browse & search experience
- Business, technical, quality, policy and delivery context for the data
- Automated workflow to request access



Enable data consumers to easily find,
understand and access data they need

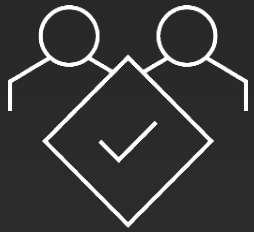
Fulfill & Track



- Deliver and auto-provision data after approval of request
- Monitor and audit delivery at the order level
- Integrate order processing with data engineering processes (e.g. ServiceNow)

Deliver the data when needed and keep track of who is using what data for what purposes

Governed Data Democratization with a Data Marketplace



Find Relevant
Data Assets



Greater Trust
& Compliance



Broader & More
Consistent Use



Reduce Cost
of Operations



Companies that empower employees to consistently use data as a basis for their decision making, are nearly twice as likely as others to report **reaching their data and analytics objectives.**

McKinsey: How Leaders in Data and Analytics Have Pulled Ahead

Axon Data Marketplace Playbook - Available Now



The Playbook for Informatica Axon 7.0 Data Marketplace

Contents

Chapter 1: Introduction.....	2
Axon 6.3 Users.....	2
Additional Resources - The Informatica Network.....	3
Axon Data Marketplace	3
Marketplace vs. Governance	4
How to Use the Playbook	4
Chapter 2: The Marketplace Experience	5

<https://network.informatica.com/docs/DOC-18762>



Questions?



Thank You!



Informatica®