



Viasat Metadata Journey

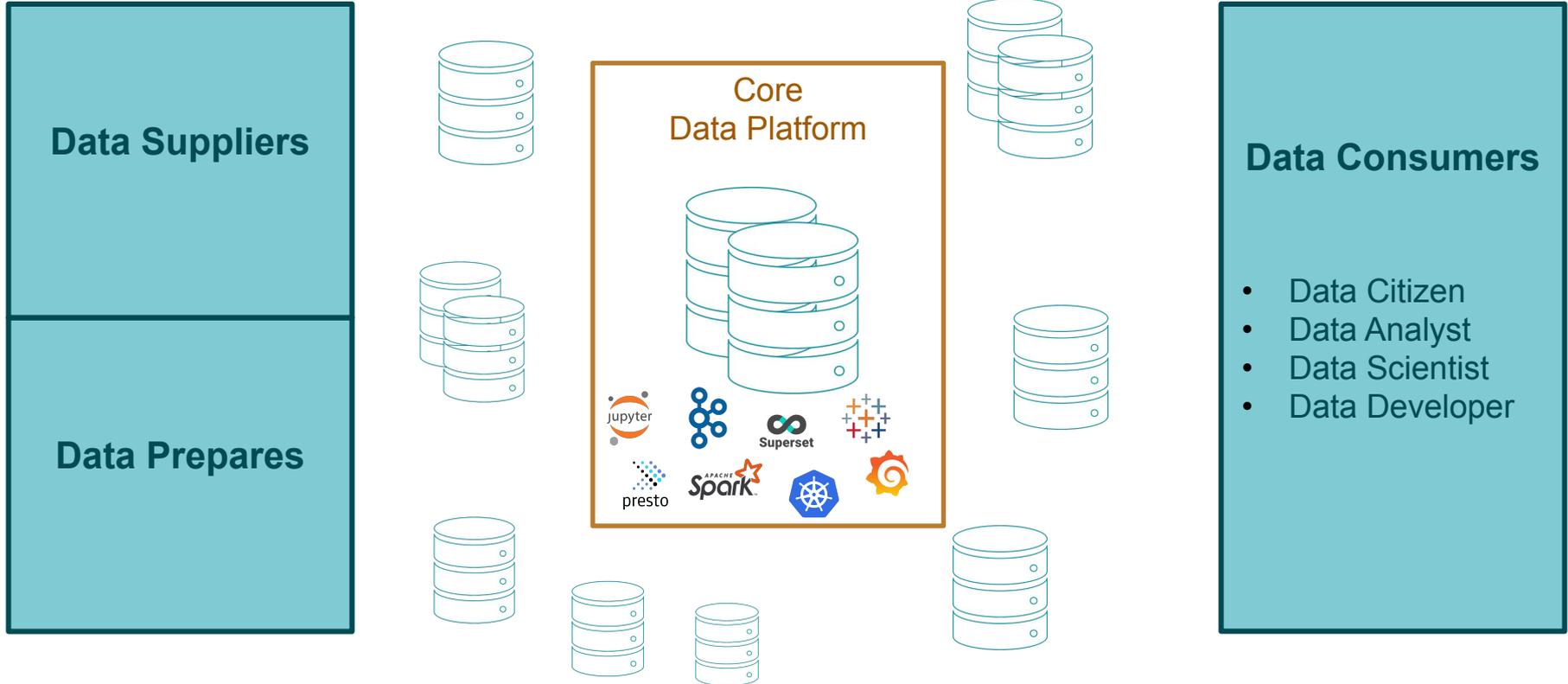
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Community Meeting 01/15/21

Current State of Data and Users



Multiple Challenges

Siloed knowledge about data

- Inefficient use of data
- Slow Analytics

Siloed data infrastructure

- Increased operational costs
- Increased operational complexity

Compliance complexity

- Financial Risks

Technology Evaluation

Apache Atlas

Amundsen

DataHub

Netflix Metacat

Features and Criteria

- Functionality
 - Search, lineage, metadata ingest, security
- Data Model Flexibility
- Ease of development
- Ease of operations
- Scalability
- Roadmap
- Community rating

Backend but not UI

- Previously Existing Interface
 - Access requests
 - Basic Search
- Feedback and product metrics about our users
- Flexibility of integrations with our tools
 - Global metrics store
 - Potential data visualization integrations
 - Compliance reports

Databook DATA CATALOG REQUEST HISTORY FEEDBACK

CANCEL SUBMIT

Requesters

Email ADD REQUESTER

Include Self

anna.kepler@viasat.com

Datasources

caf in impala

Access Type
Read Only

Business Justification*

Databook DATA CATALOG REQUEST HISTORY FEEDBACK

Search Datasets

caf.caf_uds

Environment	PROD	Description	None
Platform	impala		
Publisher	CAF		
Endpoint	impala.emerald.atg.viasat.io		
Tags	None		

Our Experience



Operations



Modeling



Community

Today

- Production and Dev Setup
- Harvested data within core data platform
 - Kafka, SQL DBs, S3 data lake
- Integrated with our UI

Future

- Ingest more Viasat data
- Compliance Taxonomy and integration
- Lineage
- Dashboards and Reports
- ML Models and Features
- Metrics
- Data Quality Integration