

Steering
Committee

TBD

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Executive
Sponsors

DATA TYPES

CAD
Models

External
Data

Parts
Catalogs

Mechanical
Standard
Libraries

Purchase
Orders

Command
Media

Master
Data

Analytics
Data

Sensitive
Data

Dev/Test
Data

DATA OWNERS *(accountable for sources and types, informed of actions / events by stewards)*

Group
Leaders

Cyber
Security

Individual
Contributors

SMEs

Custom
Solution
Builders

Executive
Leaders

GENERAL RESPONSIBILITY *(example)*

Does the external source /
partner provide us with
adequate information to
perform business objectives?

Is access to the sensitive data
that is under our control
appropriately provisioned?

What transformations occur
against the data we receive from
the external source / partners?

What are the attributes present
within the environment on
which analysis is performed?

What data attributes are
necessary to facilitate billing
function?

What data attributes are
necessary to perform effective
development and testing?

How do the data elements
within the MDM environment
interact with and depend on
each other?

DATA SOURCES

Data sent by
External Source /
Partner

Data
transformed by
engine or app

Data
transformed by
engine or app

Data received by
process

Data received by
process

Data obtained by
user

Data entered by
user

DATA STEWARDS *(responsible for data types)*

App
Users

App
Users

OPS /
PROD

Data
Engineers

Finance /
HR / Admin

DEV

Business
App
Users

DATA TYPES

Retailer
Data

PHI / PII

Operations
Data

Analytics
Data

Billing /
Finance
Data

Dev/Test
Data

Ref Data

Business
Terms and
Agreements

Retailer
Data
RECEIVED

Adheris Repository

- Standardization
- Normalization
- Prep for execution

PHI / PII

Tightly Secured Repository

- Access highly regulated

- SQL DW
- ObjectDB DW

- SFTP
- CAP
- CIS Import
- CIS Export
- SQL DW
- Netezza

De-Identification Process

- Strip out PHI / PII

Operations
Data

- SQL DB (Reference App)
- Oracle DB (OCS / ClinCoding)

- Salesforce
- K2

Ref Data

Business
Terms and
Agreements

SEGREGATION LINE

SEGREGATION LINE

SEGREGATION LINE

SEGREGATION LINE

SEGREGATION LINE

SEGREGATION LINE

- Netezza
- SAS

Analytics
Data

Billing /
Finance
Data

- SQL DW
- Netezza

SEGREGATION LINE

SEGREGATION LINE

- Apps / Technology
dependent upon specific
needs

Operations
Data
COPY

Dev/Test
Data

Ref Data
COPY

**Retailer
Data**

The data as it exists, received from the chain, without any Adheris technical processes or routines applied to it.

PHI / PII

The sensitive attributes present within the data we receive from the chains

**Operations
Data**

The data elements obtained / derived from the retailer data, used to drive Adheris' execution engines

**Analytics
Data**

The data elements obtained / derived from Adheris' execution engines, used to generate analytical output

**Billing /
Finance
Data**

The data elements obtained / derived from Adheris' execution engines, used to inform finance related tasks and decisions

**Dev/Test
Data**

Various copies of other data driven environments within the Adheris network, specific to given development requirements

Ref Data

Configuration data programmed via manual data input, per business agreement specifications

**Business
Terms and
Agreements**

Contracted specifications with our partners, including retailers