CDO Update

Adam Carpenter, Chief Data Officer

MONTANA DEPARTMENT OF ADMINISTRATION

Justice Data Warehouse

Corrections data shared to JDW using Snowflake direct share

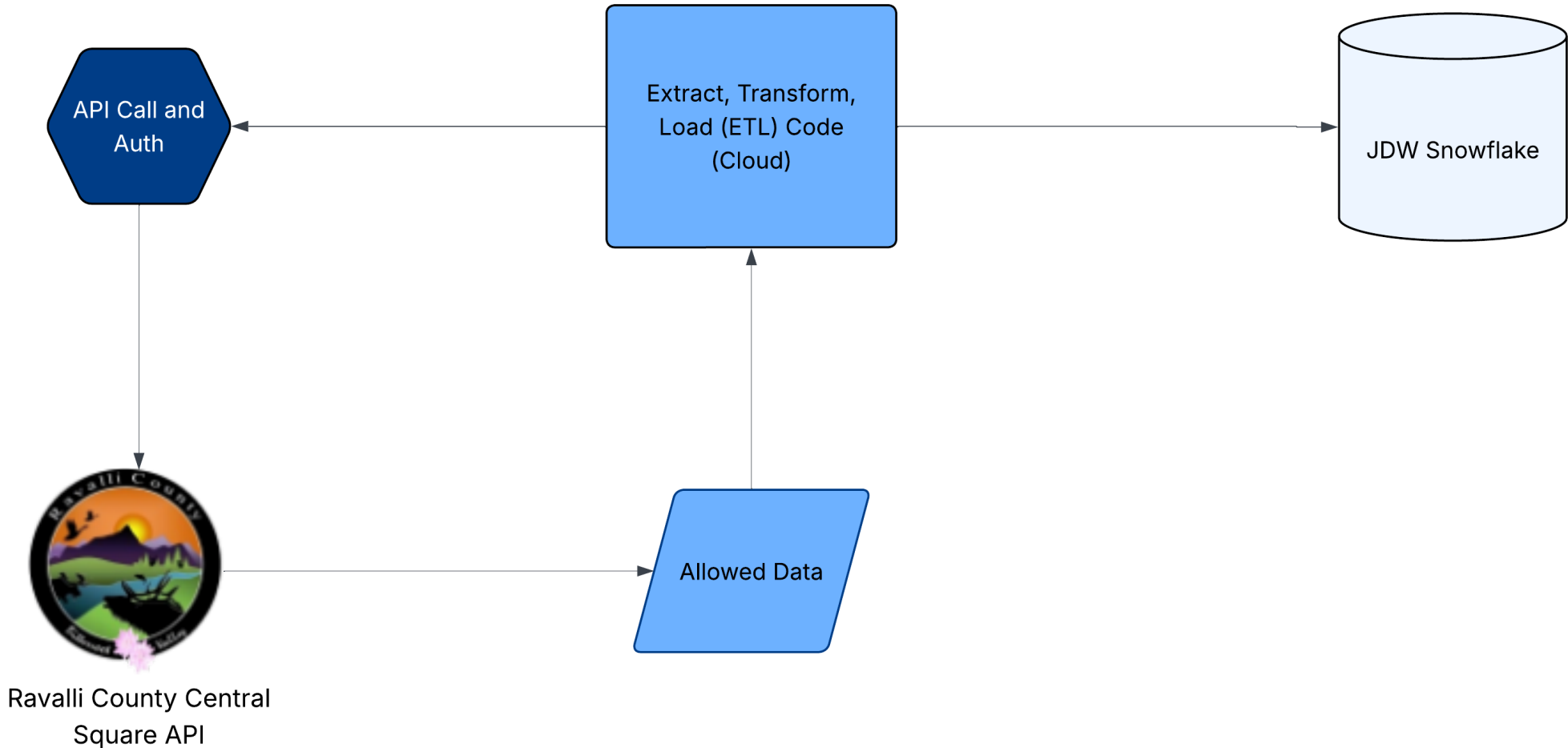**Office of Public Defender data shared to JDW using Snowflake direct share**

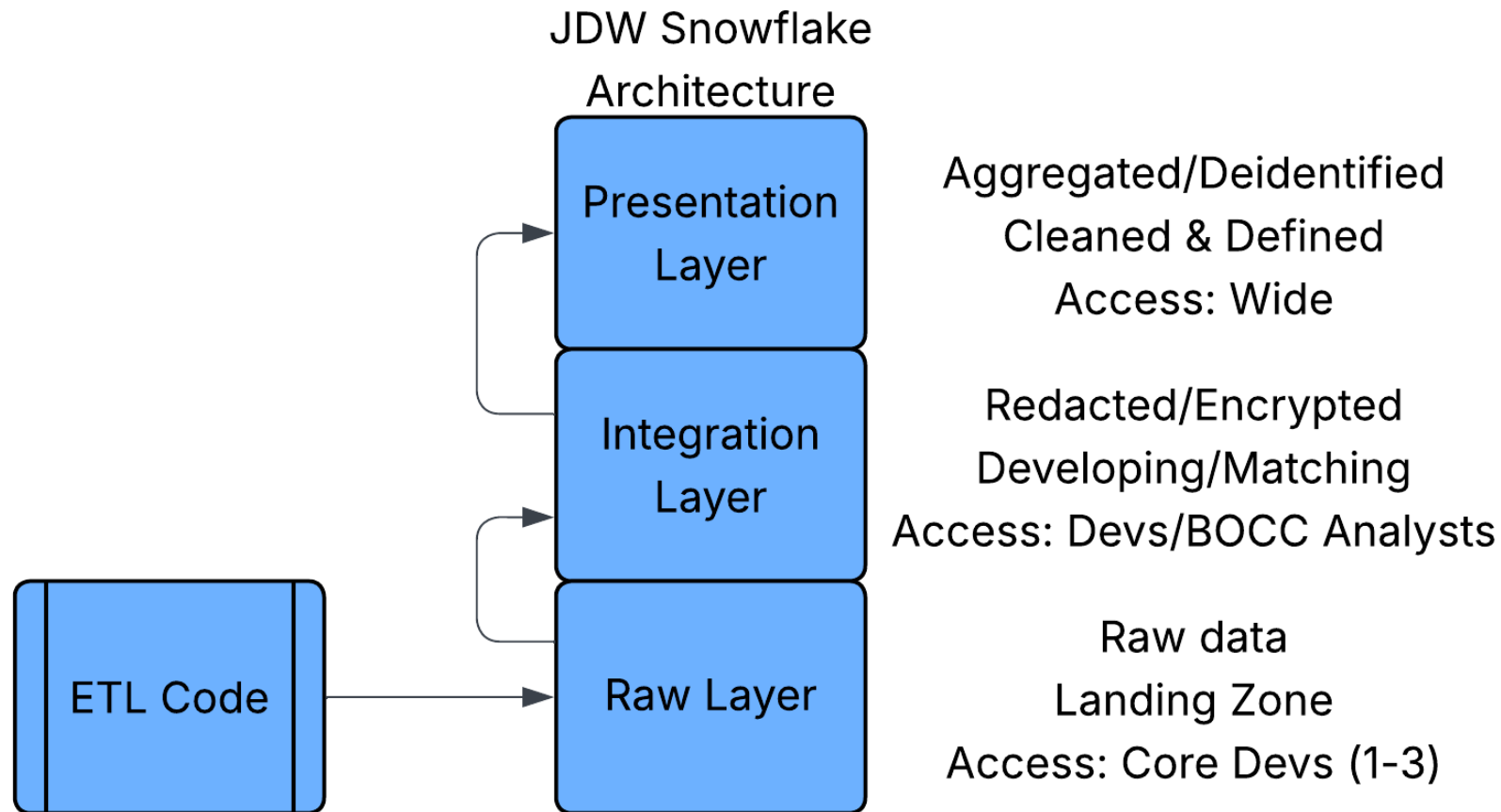**MOU Signed with Ravalli County. Data policies laid out in MOU**

First County Data Pull in development for Ravalli County Central Square API

How do we get the data?

'Medallion' Architecture in JDW Snowflake

JDW Snowflake
Architecture

ETL Code

Presentation
Layer

Integration
Layer

Raw Layer

Aggregated/Deidentified
Cleaned & Defined
Access: Wide

Redacted/Encrypted
Developing/Matching
Access: Devs/BOCC Analysts

Raw data
Landing Zone
Access: Core Devs (1-3)

Snowflake Direct Sharing
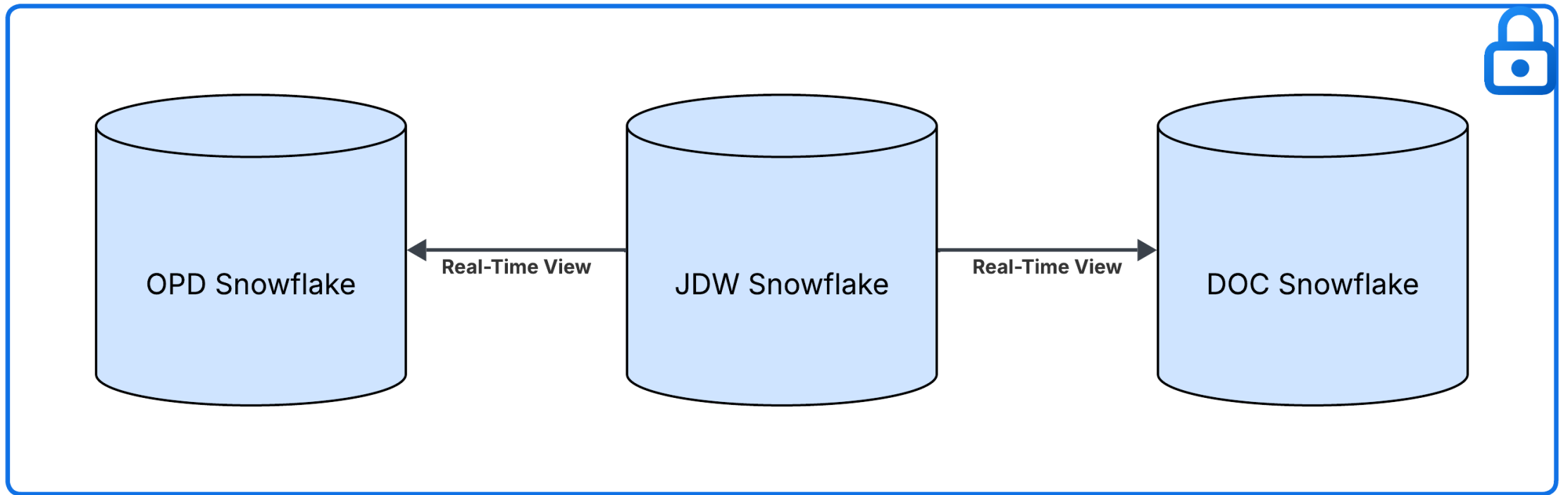
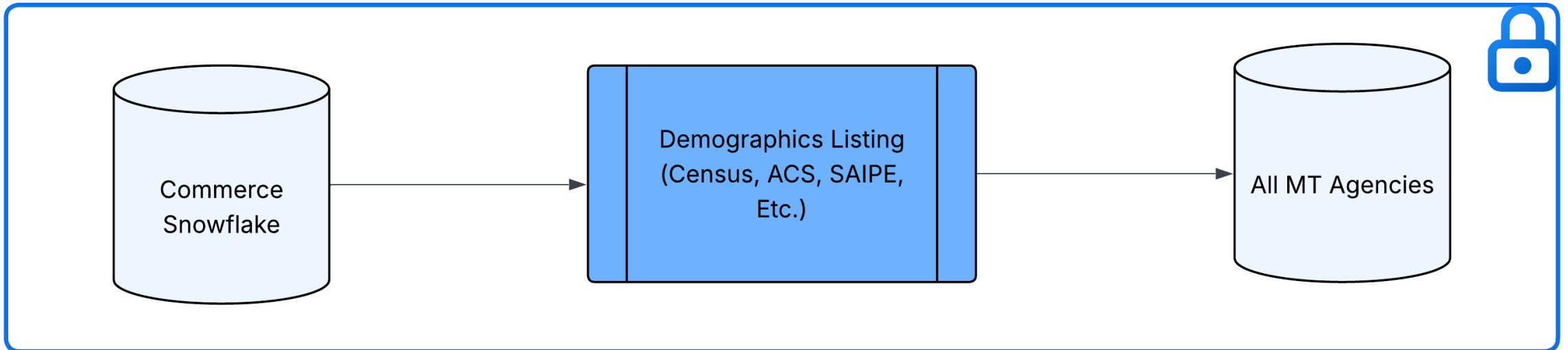# Snowflake ServiceNow Workflow

Request the Data Share → Agency A — Submits Request Form → Agency B — Data Owner Queue

Scope the Data Share → Agency B — Data Owner Scopes Work → Agency A — Requester Queue

Requesting Agency Approves → Agency A — Requester Approves → Agency A — Director Reviews → Agency A — Optional Legal Opinion → Agency A — Director Approves

Owning Agency Approves → Agency B — Director Reviews → Agency B — Optional Legal Opinion → Agency B — Director Approves

Owning Agency Implements the Data Share → Agency B — Grants Snowflake Access → Agency B — Data Owner Verify/Close

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Snowflake 'Listings' Concept

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QUESTIONS?