



A cloud-based data warehouse that connects a U.S. federal media agency's disparate data sources for analytics, data science, and reporting

Intuceo built a governed data warehouse on Microsoft Azure that ingests data from separate internal and third-party systems, standardizes it into use-case-specific datasets, and makes analytics available to agency users through a self-serve data portal and a data-sharing method that avoids copying data between systems.

Sector

U.S. Federal
Government, Media
Agency

Focus

Data analytics &
data science

Technology

Microsoft Azure

Data sharing

Delta Sharing, no data
movement

Client Overview

The client is an agency of the United States federal government operating in the media sector. Its work draws on data held across many separate systems, and it is accountable for reporting that information to the public and Congress. Because that reporting carries statutory and oversight weight, the data behind it has to be consistent, current, and defensible.



The Challenge

Data lived in disconnected systems, which slowed analytics, data science, and official reporting

The agency's data was spread across separate source systems and external third-party services, with no common place to bring it together. Running analytics and data science against a consistent view of that information was difficult, and preparing the public and congressional reporting the agency is required to produce meant assembling data from many places by hand.

Analysts and reporting teams needed standardized, use-case-specific data they could rely on, along with a way to reach it directly rather than requesting one-off extracts. The agency also needed to share data with other systems and stakeholders without creating and maintaining duplicate copies across those systems.

The Solution

Intuceo built a governed data warehouse on Microsoft Azure that ingests, standardizes, and serves data for analytics and reporting

Intuceo delivered a cloud-based data warehouse on Microsoft Azure that connects the agency's disparate sources into a single governed environment. The engagement covered the full path from ingestion through processing to consumption.

01

Ingestion from internal systems and third-party interfaces

Data is brought in from the agency's internal systems and from external third-party Application Programming Interfaces (APIs), then landed in cloud storage as a single point of collection.

02

Processing into standardized, use-case-specific datasets

Raw data is processed and standardized into use-case-specific datasets, so analytics and data science teams work from consistent, purpose-built data rather than raw extracts.

03

A trusted supply for public and congressional reporting

The warehouse supplies the standardized data used for the agency's public and congressional reporting, drawn from one governed source rather than assembled by hand.

04

A self-serve data portal for analytics

Agency users consume analytics directly through a data portal, which reduces dependence on manual extracts and one-off data requests.

05

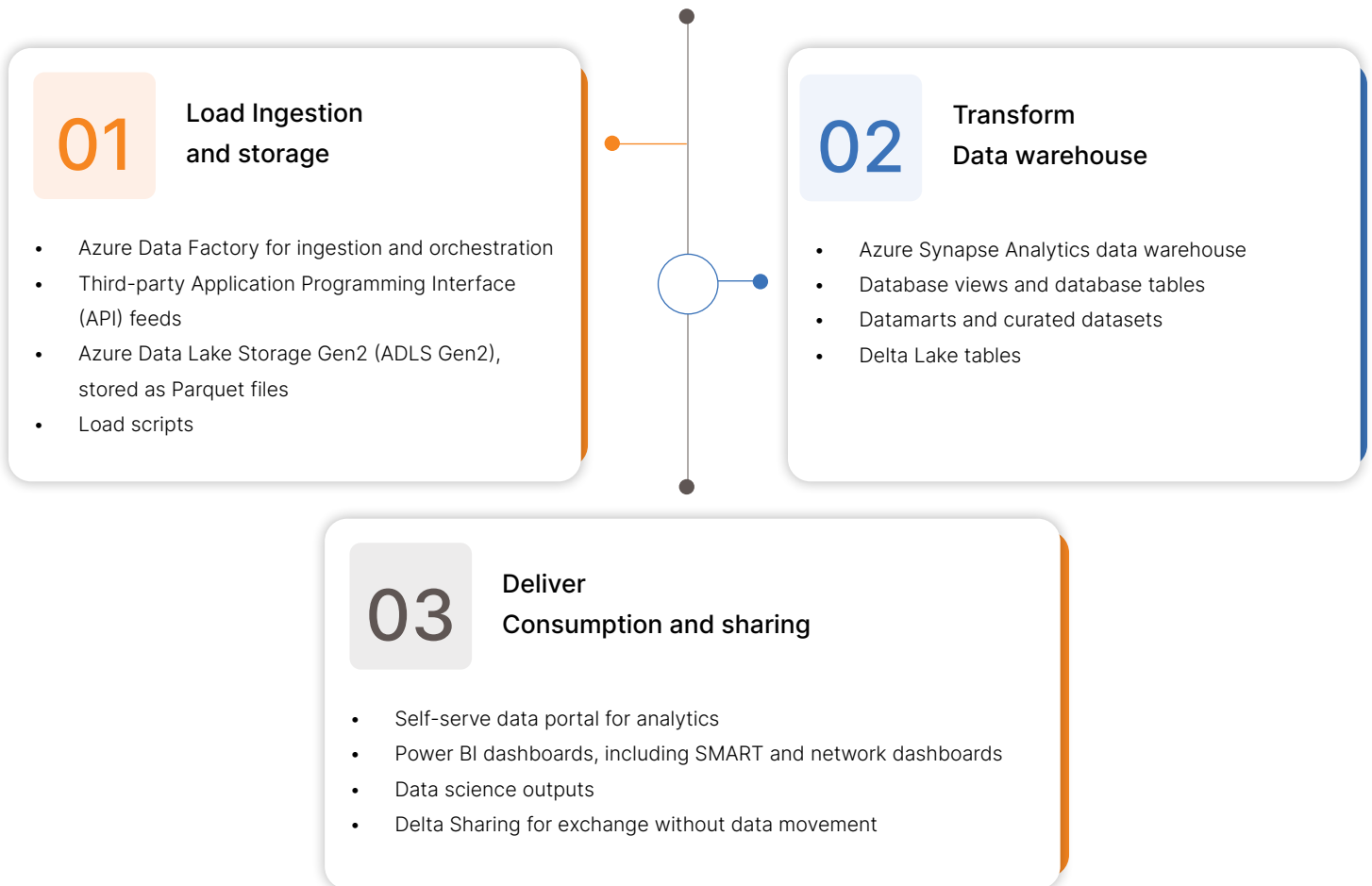
Data exchange without moving the data

A Delta Sharing protocol lets the agency share data with other systems and consumers without copying or moving it between systems, so recipients read from the same governed data.



Technology

The solution runs on Microsoft Azure across a load, transform, and delivery data flow



All components run on Microsoft Azure.



Outcomes

What the agency now has in place after the engagement

- **One governed data warehouse that connects previously disconnected internal and third-party sources on Microsoft Azure.**
- **Standardized, use-case-specific datasets that analytics and data science teams can work from directly.**
- **A reliable data supply for public and congressional reporting, drawn from a single governed source.**
- **A self-serve data portal that lets agency users consume analytics without manual extracts.**
- **Data sharing through the Delta Sharing protocol, with no duplication or movement of data between systems.**

Move From Data Silos to Mission-Ready Insights

Intuceo works with federal and other regulated organizations to connect disparate data sources, standardize data for analytics and data science, and support official reporting. Bring us the reporting or data-access problem you are trying to solve, and we will show you how a prior engagement maps to it.

[Book a discovery call](#)



Thank You



+1 904 404 7520



info@intuceo.com



Florida, U.S

4110 Southpoint Blvd,

Suite 124 Jacksonville, Florida – 32216, USA.