



Common Data Fabric

Policy-Driven Data Sharing Made Easy

Massive amounts of data. It's what drives the Federal Government. Despite noble attempts to integrate, interoperate, interconnect, and federate it, data rapidly accumulates in stand-alone silos without any effective, reliable, or flexible means of sharing.

But it's not the technology that makes data sharing difficult. It's the policies—legitimately meant to protect the data from misuse, theft, or privacy violations—that prevent data sharing in any enterprise. Eliminating data policy is not an option.

This challenge is especially true in federal agencies that rely on an intricate, slow, high stakes processes to share data with mission partners, in a bureaucratic, rule-driven information ecosystem.

Reconciling varied, sometimes conflicting, policies and requirements among departments or agencies can take months, sometimes preventing data sharing at all.

There's a Better Way

The Defense Intelligence Enterprise's Common Data Fabric (CDF), enabled by Octo engineering, makes policy-driven data sharing possible with greater speed and volume than ever before.

CDF Makes it Possible

- Data owners retain control over protection policies that govern their data
- Data consumers gain access to ALL data in CDF that aligns with their capabilities to protect the data
- CDF provides secure, self-service access to data
- CDF makes data accessible to consumers in the enterprise at the speed of need
- CDF offers the enterprise unique insights to manage data flows among organizations

CDF improves interoperability. It enables data reciprocity among fielded applications, providing users with exponentially more data. CDF honors data owners' protection policies and enhances data governance.

Data Sharing Superiority

Via a single connection, CDF offers enterprise applications the capability to access ALL available data matching the consumer systems' data protection policies. Rather than creating and maintaining many point-to-point data flows, enterprises experience exponentially simpler, more secure and reliable, cost effective data sharing capability. Codified policies continue to dictate data sharing in the enterprise, managed from one central location.

CDF revolutionizes data sharing because it focuses on solving data policy and connectivity issues. CDF supports enterprises' data sharing strategies by providing foundational data brokering capabilities. It offers fielded applications enhanced data accessibility and discoverability, amplifying innovative computing efforts, whether cloud, artificial intelligence (AI), machine learning, data augmentation, or big data analytics.

Why Octo

Octo has been at the forefront of applying the latest commercial technologies in support of defense, intelligence, health, federal civilian, regulatory, and finance public sectors. Our domain and subject matter experts understand the importance of CDF and how to best implement it to deliver data safely and efficiently between departments, organizations, and agencies.

Get the benefits of CDF. Reach out to Octo for more details.