DDC
DINÉ DEVELOPMENT CORPORATION

SOLUTION ACCELERATOR
MDACA Data Fabric Suite

Meeting mission objectives in near real time through enterprise data integration and virtualization

Overview

Multiplatform Data Acquisition, Collection, and Analytics (MDACA) Data Fabric Suite (DFS) is a secure, unified, modern data fabric platform designed to maximize enterprise data value. MDACA leverages open source technologies to deliver big data capabilities without costly annual licensing fees or dependency on software vendor and system integrators. As a transformative solution accelerator, MDACA provides near real-time acquisition, routing, transformation, storage, and single-view access to enterprise-wide transactional data assets. By eliminating data silos and enhancing interoperability, MDACA continuously expands the value of enterprise data, transforming isolated information into actionable insights that drive mission success, cost-efficiency, and operational freedom.

Our Approach

In an evolving digital landscape, government agencies require agile, interoperable data solutions that deliver mission-critical insights in near real time. MDACA DFS is a suite of integrated, plug-and-play components, providing end-to-end functionality and focused deployment to seamlessly fill capability gaps.

The microservices engine ensures seamless integration across diverse systems, while dynamic data flow orchestration enables near real-time ingestion and transformation. A distributed SQL query engine delivers interactive analytics as a robust enterprise-grade database manages billions of transactions daily. Together, these components ensure mission-critical data is primed for advanced insights, empowering organizations to maintain operational excellence with information advantage.

Features

- **Customizable Architecture**
  Compatibility with cloud-native services to streamline operations and reduce cost

- **Enterprise-Grade Security Integration**
  Seamless integration with security and identity management systems

- **Modular Open Source Design**
  Comprehensive suite of integrated tools featuring plug-and-play enhancements

- **Federated SQL Analytics**
  Unified querying across diverse data sources for comprehensive insights

- **Advanced Data Transformation**
  Management of complex formats and transformations to seamlessly enrich data

Key Benefits

- **Data Ownership & Control**
- **Granular Security Administration**
- **Versatile Data Processing**
- **Scalability & Cost Optimization**
- **Customizable & Future-Proof**

Heritage-Inspired Accountability. Mission-Driven Impact.

As a wholly owned instrumentality of the Navajo Nation, DDC operates with a purpose beyond profit. Unlike traditional firms beholden to Wall Street or equity partners, our commitment is to the sustainable prosperity of the Navajo Nation and its People. Our Heritage-Inspired Accountability Model allows us to take a different approach—one that prioritizes long-term value, trust, and innovation.

Through our Solution Accelerator Model, we bring proven capabilities that empower delivery teams and accelerate digital transformation for our customers. By investing in open, scalable solutions and fostering true partnership, we don't merely deliver services —we build lasting relationships grounded in trust, integrity, and mission success.

Corporate Snapshot

- Navajo Nation tribally owned family of companies
- SBA certified 8(a) and Small Disadv. Businesses
- 700+ employees
- 130+ CONUS and OCONUS operating locations
- Federal, state, and tribal government markets
- 20-year history of proven performance

Innovation in Acquisition

- ✓ **Non-protestable awards**
- ✓ **Streamlined procurement process**
- ✓ **Increased contract capacity**
- ✓ **SDB contracting credit**
- ✓ **Advanced mission priorities**

Customer Success Story —— *DHA Military Treatment Facilities*

Proven at scale in DOD environments, MDACA processes over 9.5 billion transactions daily for the Defense Health Agency (DHA), integrating data from more than 100 Military Treatment Facilities (MTF) into a centralized operational data store. Its containerized architecture facilitates seamless workload mobility across hybrid and multi-cloud deployments, ensuring high availability, resilience, and cost efficiency. The platform's robust data fabric supports comprehensive ETL processes, data routing, and enrichment, while also acting as a message routing hub that interconnects multiple agencies and organizations.

Contact Us

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