

Solution Accelerator Model

DDC's Solution Accelerator Model is designed to help agencies rapidly modernize operations, deploy mission-ready capabilities, and achieve measurable outcomes with greater efficiency. Grounded in innovation and built around customer mission priorities, our model combines scalable technologies, proven frameworks, and agile delivery approaches to accelerate transformation.

Leveraging open-source technologies, cloud-native architectures, and integrated capabilities, DDC delivers flexible solutions tailored to evolving operational demands. Our approach reduces implementation timelines, minimizes reliance on off-the-shelf platforms, and enables sustainable, secure modernization at scale.

Innovation at Mission Speed

By embedding battle-tested capabilities into delivery environments, our Solution Accelerator Model helps organizations improve agility, streamline operations, and accelerate measurable outcomes. Our mission-focused approach empowers agencies to modernize faster, improve decision-making, and adapt to evolving mission demands while achieving sustainable value.

Key Benefits

- **Accelerated Mission Impact:** Rapidly deploys ready-to-use frameworks and solutions to shorten time-to-value
- **Open & Scalable Architecture:** Drives flexibility and adaptability to evolving mission needs
- **Operational Efficiency:** Reduces cost and complexity through scalable, proven models
- **Future-Ready Innovation:** Empowers customers with capabilities designed for agility, resilience, and future growth

DDC SOLUTION ACCELERATORS

GENOME Generative Optimization and Modernization Engine

AI-driven approach to legacy system modernization, leveraging Large Language Models' enhanced Test-Driven Development to accelerate, optimize, and de-risk the transition from outdated architectures to modern, maintainable environments

SDMA Simple Data Mesh Architecture

Cloud-native, serverless, multi-tenant analytics-as-a-service solution that commoditizes data platform capabilities, transforming complex analytics into self-service tools, empowering users to seamlessly analyze and visualize data

TKSA/LZA Turnkey Security and Landing Zone Architecture

Multi-tenant, cloud-native security and automation framework designed to rapidly deploy secure, compliant environments, providing a governance-driven, Zero Trust-compliant security architecture for workloads at Impact Levels 4, 5, and 6

MDACA DFS Multiplatform Data Acquisition, Collection, and Analytics Data Fabric Suite

Secure, unified, modern data fabric suite that provides centralized near real-time acquisition, routing, transformation, storage, and single-view access to enterprise-wide data, driving informed decision-making and operational efficiency

SDE Synthetic Data Engine

Open-source, cloud-native platform that generates intelligent, synthetic data while preserving the privacy of sensitive information, empowering organizations to securely share data without compromising utility or confidentiality

AppFactory

End-to-end, AI-enabled delivery pipeline that transforms stakeholder intake and authoritative artifacts into a structured AppDNA blueprint to accelerate the delivery of secure, scalable, accessible applications through AI-assisted development

Customer Success Stories

DFAS MOCAS

The Mechanization of Contract Administration Services (MOCAS) mainframe underpins the Defense Finance and Accounting Service's (DFAS) management of billions of dollars in contract payments annually. DDC has employed GENOME to become the first generative AI solution to implement MOCAS modernization. Handling 150,000 lines of COBOL and JCL, GENOME systematically converts and optimizes the legacy codebase, preserving complex payment workflows.

Through its implementation, GENOME has drastically improved operational timelines while reducing risk across the enterprise. DDC's solution has powered efficiency and reliability for critical mission needs, positioning DFAS to meet both current and future requirements.

DISA OCDO Data Lab

DISA's Office of the Chief Data Officer (OCDO) leveraged DDC's TKSA/LZA solution to enable rapid, secure cloud migration and modernization. DDC established DISA's first fully serverless, cloud-native analytics platform, operational within three months of account acquisition.

DDC achieved a fully compliant IL5/IL6 cloud environment within 48 hours and complete security accreditation within five months of the initial deployment. The solution enabled multi-tenant, self-service management, significantly enhancing operational efficiency across the ecosystem.

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.

DISA OCDO Data Lab

DISA's Office of the Chief Data Officer (OCDO) leveraged DDC's SDMA solution to power advanced analytics at scale across its ecosystem. DDC has enabled tenant teams to launch dedicated data labs in under 30 minutes and use it for an unlimited amount of time—for two hours, two weeks, two months, or two years.

With embedded automated data governance, this cloud-native solution has delivered a 70% reduction in ATO preparation time, 50% lower operational costs, and seamless scalability for petabyte-scale analytics. This flexibility and speed empower DISA teams to quickly harness actionable insights and significantly amplify the impact of organization-wide analytics.

The DDC Difference



Customer-First Approach

Prioritize mission success by building customer loyalty through trust, transparency, and outcome-driven performance



Solution-Driven Innovation

Established innovation as a formal business capability, fusing people, process, and technology to engineer solutions that deliver impact



Mission-Centric Agility

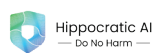
Align operational excellence with scalable delivery, built to adapt as missions evolve and requirements shift



Future-Ready Delivery

Deliver future-ready solutions designed for long-term scalability and sustainability, optimizing cost effectiveness and operational resilience

Technology Partnerships



Contact Us

Dale Ward

Chief AI & Innovation Officer

dale.ward@ddc-dine.com | 937.408.9709

Chakib (CJ) Jaber

Head of Digital Strategy and Innovation

chakib.jaber@ddc-dine.com | 703.665.9701