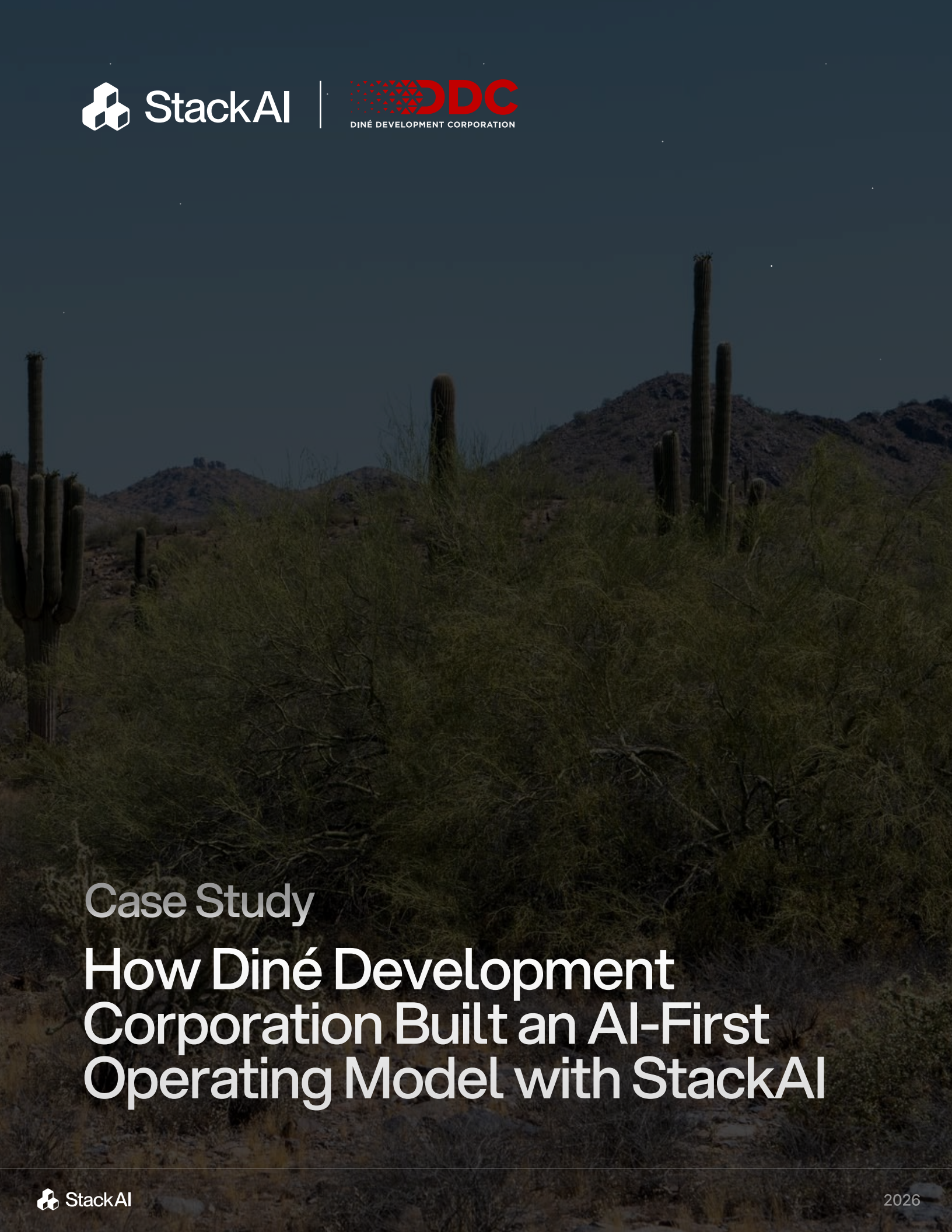


Case Study

How Diné Development Corporation Built an AI-First Operating Model with StackAI

Overview

Diné Development Corporation (DDC) is a Navajo owned family of companies delivering federal technology solutions that accelerate secure, responsible modernization. With more than two decades of advancing proven cloud adoption, data enablement, digital transformation, modern software development, and cyber security, DDC empowers its customers — from the United States Cyber Command to the United States Air Force — to strengthen efficiency, resilience, and operational advantage.

As Executive Vice President of Innovation at DDC, Dale Ward is responsible for defining the company's long-term technology strategy. When generative AI began reshaping the enterprise landscape, his priority was to establish a foundational AI infrastructure that could scale across DDC's entire organization.

DDC identified StackAI as their partner to create a unified agent infrastructure that could support use cases across the enterprise, and to help accelerate AI adoption in federal agencies across the country.

> "I was looking for a company designing systems and solutions based on the capabilities of generative AI, and that's what led me to StackAI. The StackAI team has been amazing, and having StackAI as a platform for DDC has opened the door for us to implement agentic AI across all of our departmental functions at a corporate level."

Dale Ward
Chief AI and Innovation Officer

Impact

- Empowered AI agent builders, from every experience level
- Hundreds of use cases across compliance, research, and RFPs
- Mission-critical automation for the nation's most important federal agencies

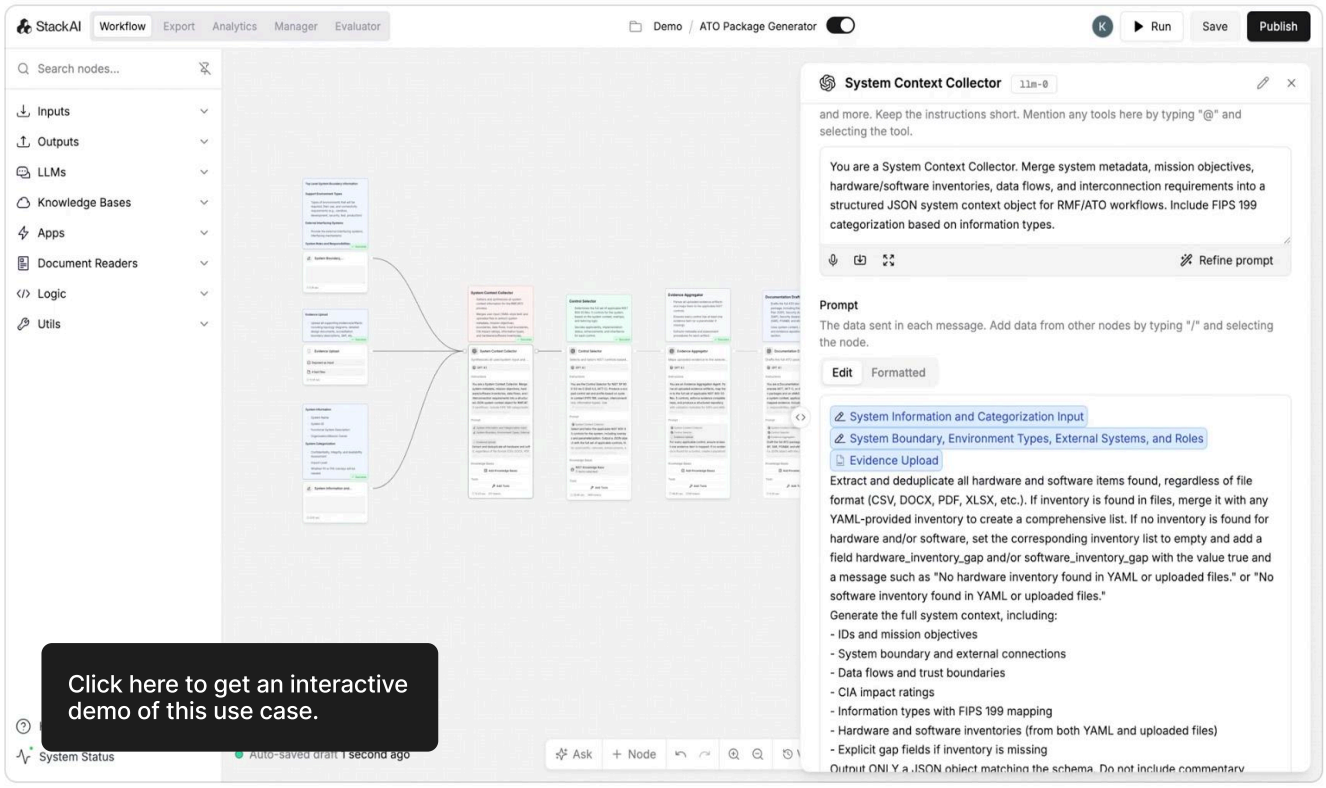
Starting with Compliance

StackAI aligned closely with DDC's vision. The platform provided a flexible foundation for building and deploying agents across multiple departments and workflows. Joe Snell, Sr. Principal Solutions Architect, was among the first to build workflows using StackAI.

Snell's first project on StackAI was an IATT, IATT-C, and/or ATO Documentation Generator. In regulated environments, assembling accreditation packages requires collecting evidence, mapping controls, and validating implementations before systems can be connected to secure networks. The process is necessary but time-consuming. With StackAI, Snell built a workflow to handle the entire process from end to end.

"Building an accreditation package is tedious. StackAI speeds up that entire process. It helps us understand the controls, document implementations, and produce what we need to get authorization."

Joe Snell
Sr. Principal Solutions Architect

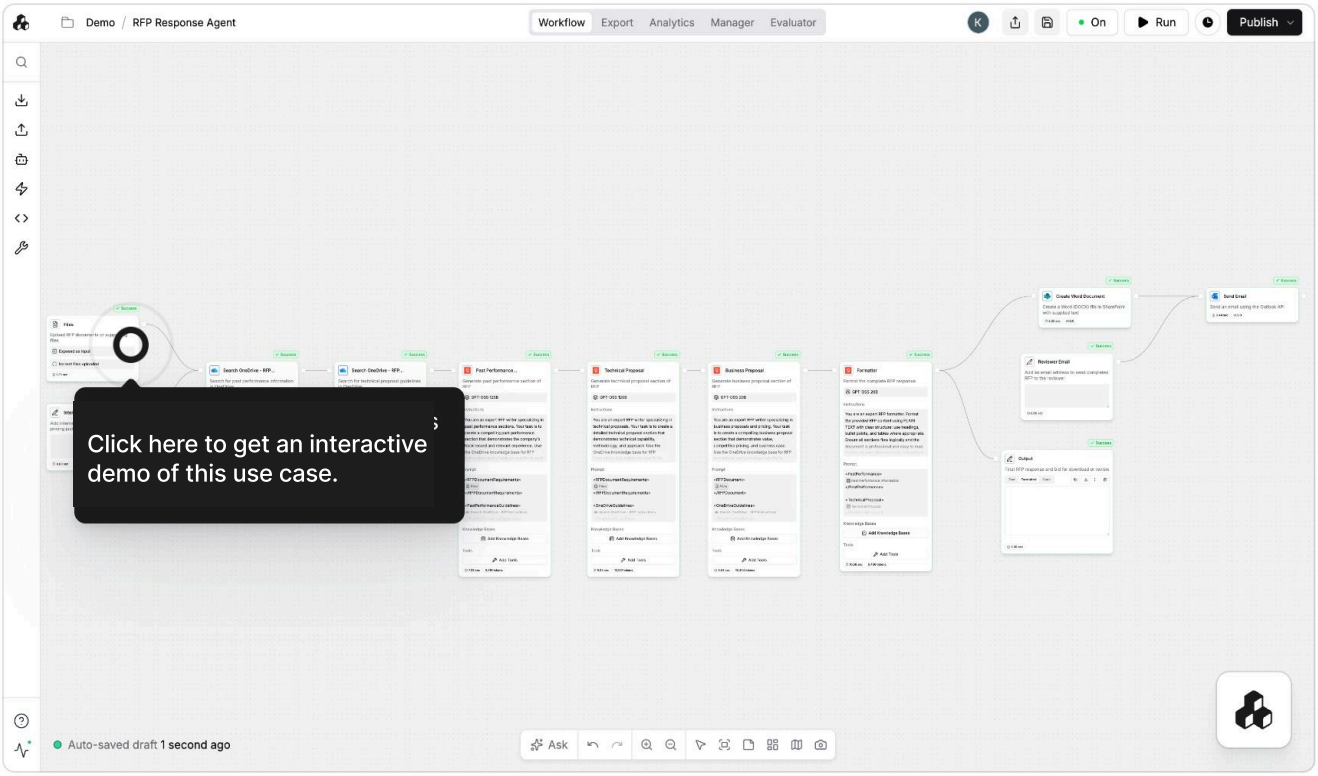


Discovering New Use Cases Through Building

Beyond cybersecurity, DDC teams have applied StackAI to internal workflows such as proposal development, intelligence analysis, and research-heavy tasks. Many of these use cases emerged only after teams began working directly with the platform and realized its capabilities: “You don’t even know what ideas you’ll have until you start using the tool,” says Snell.

Further, Joe’s first impression of StackAI “was how easy and intuitive the tool was to use.” Working with StackAI’s built-in Auto Agents assistant to help quality-check prompts and develop logic within the workflow, he moved quickly from concept to production-grade agent, which continues to receive robust usage today.

This discovery process reinforced the value of a flexible agent platform capable of supporting new workflows as needs emerged. In total, DDC is evaluating and implementing hundreds of AI use cases across the organization, from RFPs to research, all built on a shared agent infrastructure.



A Strategic Partnership

As the working relationship between the DDC and StackAI teams became a key factor, DDC began considering how to expand the partnership, and has since joined StackAI's Partner Ecosystem. "It goes beyond a provider-and-customer relationship. It's really a deep partnership and a collaboration," says Ward.

As government agencies accelerate AI adoption through new policies and acquisition pathways, DDC's partnership with StackAI plays a strategic role in bringing AI-native technology into complex federal and defense environments. DDC helps navigate the operational and regulatory realities of government work, while StackAI provides the underlying agent platform.

To date, the partnership has already yielded operational deployments in sensitive defense contexts. At Fort Bragg, StackAI is embedded in a storm basin environmental compliance application built for the Army, automating roughly 90% of assessment criteria from photos captured in the field. In parallel, DDC was selected to modernize the DFAS MOCAS mainframe, using LLMs to convert 1.5M lines of COBOL while incorporating StackAI into the approved modernization footprint.

While they continue to spearhead innovation, DDC's AI-first strategy is grounded in accountability. By shifting early to StackAI, a scalable, AI-native platform, DDC has positioned itself to adapt to fundamental changes in the defense industry while helping its customers do the same.