

Delivering Multi-site Digital Transformation Across Highly Regulated Defense Manufacturing Operations

Customer Profile

This organization is a technology-driven defense group specializing in high-performance defense and space solutions.

With a total of 28 production sites and offices, this client operates through four business units: Commercial Ammunition, Small and Medium Caliber Ammunition, Large Caliber Systems, and Aerospace Propulsion. They have about 4,200 employees and operate across more than 12 different countries.

Goals

- Modernized operations
- Required proof of value before broader rollout across facilities.
- Eliminated silos between finance, inventory, and manufacturing operations.

Industry

Defense Manufacturing

US HQ: Arizona

Sites:

- Arizona
- Florida
- Pennsylvania
- Utah

Partner

Endeavor4

www.endeavor4solutions.com

Executive Summary

This client is an international aerospace and defense manufacturer serving military and government customers through advanced ammunition, propulsion systems, and defense technologies. With the division the Endeavor4 team worked with, they had approximately 700 employees operating across four facilities. The organization required a modernization strategy capable of supporting future growth while minimizing operational risk.

Rather than executing a large-scale transformation across all locations simultaneously, the organization elected to begin its incremental digital transformation through the deployment of Microsoft Dynamics 365 Finance & Supply Chain Management (F&SCM) within a single facility, creating a blueprint for future expansion.

Business Challenge

The client faced many of the challenges common among growing defense manufacturers. Critical operational data was distributed across multiple systems, limiting visibility between finance, production, inventory, procurement, and project management functions.

Leadership sought a platform capable of improving project costing visibility, strengthening operational controls, and supporting long-term business expansion. However, because ongoing production operations were critical to customer commitments, the organization needed a low-risk approach that would allow modernization without disrupting manufacturing activities.

Solution

Endeavor4 partnered with this organization to implement Microsoft Dynamics 365 F&SCM at one of its manufacturing facilities while simultaneously designing the architecture required for future enterprise-wide deployment. Leveraging Microsoft's GCC High Azure environment, the solution provided a secure and compliant platform that aligned with defense industry regulations and cybersecurity requirements.

The project focused on modernizing core operational processes like manufacturing execution and project accounting. By integrating these functions within a single platform, the client was able to establish a common operating framework and eliminate many of the inefficiencies associated with disconnected systems.

“The first deployment validated our modernization strategy and established the operational foundation required for future growth across the organization.”

Defense Manufacturer

Business Benefits

The initial implementation delivered measurable improvements while significantly reducing the risk associated with large-scale transformation initiatives.

Operational leaders gained access to real-time information regarding inventory levels, project costs, procurement activity, and manufacturing performance. At the same time, finance teams benefited from improved reporting capabilities and greater transparency into program-level performance.

Because the deployment was intentionally designed as a scalable model, the organization now possesses a proven blueprint for future implementations across its remaining facilities.

The project also laid the foundation for future automation initiatives, analytics enhancements, and business process standardization efforts.

Preparing for Future Growth

By focusing on a phased approach to modernization, the client was able to validate the value of Microsoft Dynamics 365 while creating a sustainable roadmap for future transformation.

Today, the organization is positioned to expand its digital capabilities across additional locations while building upon a platform specifically designed to support compliance, operational excellence, and long-term growth.



Azure



Microsoft Dynamics 365
Finance



Microsoft Dynamics 365
Supply Chain Management



Dynamics 365

About Endeavor4

At Endeavor4, we strive to make every system smarter, every process simpler, and every decision yield success – because we strive to deliver everyday excellence for our clients. We are a North American Consulting and Microsoft Cloud Solutions Partner for business applications – we have the depth and breadth of capability to help each client unlock the full power of their AI, ERP, CRM, and Specialty Cloud Solutions.

True partnership and living our 4 core values of Knowledge, Integrity, Trust, and Accountability are the promises we make and keep. This means we never lose sight of what each of our clients' unique needs are. We don't push our own agenda – we listen, we advise, we focus on making your business applications work smarter and harder.

When choosing Endeavor4, you have a team that cares about realizing your goals as deeply as you do. We endeavor for excellence, and we are determined to deliver it, every day and in every way. We welcome the opportunity to endeavor for you. Boston, Chicago, San Antonio, Halifax, Montreal, Toronto, Edmonton, and Vancouver.

