



Endeavor4 Customer Story

Aerospace Manufacturer

Unifying Six Defense Manufacturing Facilities on a GCC High Azure-backed Microsoft Dynamics 365 Platform

Customer Profile

This customer is a specialist manufacturing and technology business creating market-leading innovative solutions to meet our customers' complex needs.

They have over 2,500 employees and offer their expertise to more than 50 countries across the globe. a total of 28 production sites and offices,

Goals

- Improved visibility across multiple facilities.
- Need to meet stringent defense compliance requirements (ITAR, FAR, GCC High).
- Increasing production demand required scalable operations and standardized processes.

Industry

Aerospace Manufacturing

US HQ: Virginia

Sites:

- Virginia
- Illinois
- New Hampshire
- North Carolina
- Pennsylvania
- Tennessee

Partner

Endeavor4

www.endeavor4solutions.com

Executive Summary

This organization is a leading Aerospace manufacturer supporting military and government organizations through the delivery of advanced defense technologies and specialized manufacturing capabilities. Operating six manufacturing facilities and employing approximately 600 people, the organization supports highly regulated programs requiring strict compliance, operational accountability, and supply chain visibility.

As demand for defense products and programs continued to increase, this business recognized the need to modernize its operational foundation and establish a platform capable of supporting future growth while maintaining rigorous compliance standards.

Business Challenge

Like many organizations operating within the Defense Industrial Base, this client faced increasing pressure to improve visibility across its manufacturing operations while managing growing compliance, cybersecurity, and reporting requirements.

The client relied on multiple disconnected systems across their departmental functions. While individual teams had access to critical operational information, leadership lacked the ability to obtain a consolidated, real-time view of program execution, contract profitability, inventory utilization, and supply chain performance. In addition to operational challenges, the client needed a solution capable of supporting ITAR, FAR, government contracting requirements, and evolving cybersecurity mandates.

Solution

Endeavor4 partnered with the client to implement Microsoft Dynamics 365 Finance & Supply Chain Management and establish a unified operating platform for their inventory and project management activities. Hosted within Microsoft GCC High Azure, the solution was designed specifically to support the security, compliance, and operational needs of defense manufacturers. By leveraging Endeavor4's deep expertise in the Defense Industrial Base, the organization was able to implement a solution that aligned their operational processes within a single environment.

The implementation delivered real-time visibility into project costing, inventory management, manufacturing operations, and contract performance. Endeavor4 also introduced industry-specific accelerators and deployment frameworks to streamline implementation while minimizing disruption to ongoing operations.

“Our transition to Dynamics 365 gave us the visibility and operational control needed to support growing defense programs while maintaining compliance and accountability across the organization.”

Aerospace Manufacturer

Business Benefits

The implementation created a single source of truth across all six facilities, giving leadership unprecedented visibility into operational and financial performance.

By consolidating previously disconnected systems into a single Microsoft platform, the client significantly improved decision-making capabilities while reducing manual processes and data inconsistencies. Finance and operations teams gained access to real-time information regarding project costs, inventory availability, procurement activity, and production performance.

The organization also strengthened its compliance posture through the adoption of cloud-based architecture aligned with government contracting requirements and defense industry standards.

Most importantly, the client established a scalable foundation capable of supporting future acquisitions, facility expansions, new defense programs, and continued organizational growth.

Transformative Partnership

Endeavor4's relationship with this client extends beyond implementation. Through ongoing support, optimization, reporting enhancements, automation initiatives, and business process improvements, the organization continues to maximize the value of its Microsoft investment while adapting to evolving business requirements.

Today, this organization operates on a modern, integrated platform capable of supporting both current operational needs and future growth objectives within an increasingly complex aerospace and defense landscape.



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.

