United States Marine Corps TDM-CATALYST Project

The US Marine Corps (USMC) handles vast amounts of mission-critical military material and equipment, including weapons, vehicles, radios, tools, and numerous other components and subcomponents. Provisioning and cataloging are critical logistics support processes.

Business problem.

To catalog and provision weapons systems and equipment, the USMC's legacy lifecycle process required five separate internal IT systems as well as one external system, leading to massive inefficiencies, wasted hours, and inaccurate data.

Appian solution.

The TDM-CATALYST application provides the USMC with a single, cloud-based application that integrates all the people, processes, and data involved in the Marine Corps' weapon system acquisition logistics (AL) activities, such as repair, parts provisioning, and cataloging.

Built on the Appian Platform with low-code design tools, CATALYST was one of the first Marine Corps agile development projects. The application is continuously refined based on customer input.

The Marine Corps now operates with clean, accurate, validated, and automatically updated data—saving time on cataloging and provisioning, improving data quality and visibility, and empowering the AL workforce to better support warfighters by getting the right parts and equipment to them at the right time. And with the low-code Appian Platform, the USMC will be able to rapidly develop future applications to meet their evolving needs.

Benefits achieved.

By streamlining operations and automating processes, the TDM-CATALYST system:

- Reduces errors, out-of-date information, and duplicate orders.

- Accelerated cataloging and provisioning, empowering the logistics team to more effectively support warfighters.

- Allowed a team dedicated to cataloging to be reassigned to focus on more value-added activities.

- Enables the validation of national stock numbers to happen in just 24–48 hours using a single system, compared to 6–8 months using 12 legacy systems.

Headquarters:
Arlington County, VA

Industry:
Public Sector, Defense

Website:
marines.mil

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