

HOW DYNAMIC SYSTEMS HELPED THE  
UNITED STATES MARINE CORPS

## IMPLEMENT A MULTI-VENDOR/HYBRID CLOUD INFRASTRUCTURE

THAT DELIVERED OPERATIONAL  
EFFICIENCY AND FULLY CAPABLE  
LOGISTICS FOR THEIR GCSS-MC  
SYSTEM

### ABOUT THE CLIENT

**Industry:** Government

**Location:** Undisclosed



## AT A GLANCE

### Challenge

The Department of Defense - United States Marine Corps needed to repurpose their Global Combat Support System's logistical infrastructure to boost accuracy and operational efficiency for both non-production and production capabilities, and turned to Dynamic Systems for assistance.

### Solution

Working with the Marine Corps Enterprise Information Technology Services, Dynamic Systems delivered a multi-vendor/hybrid cloud strategy that delivered full logistics capabilities for their GCSS-MC system, with very little downtime.

### Results

- 24x7 Operational Feasibility for USMC-GCSS Program
- Faster Production Time
- Improved Error Rate

## Overview

The client needed to repurpose the logistical system they were using to equip their Global Combat Support System with both non-production and production capabilities for their Marine Air Ground Task Force (MAGTF) logistics functions and MAGTF Combat Commander (CC)/Joint Task Force (JTF) combat

## Challenge

Operational efficiency, conflated with battlefield logistics, is crucial to the United States Marine Corps; one life lost due to inefficient logistical support for the battle is one life too many. Their USMC-Global Combat Support System (GCSS) needed to be repurposed to offer efficient support for Marine Air Ground Task Force (MAGTF) logistics functions, as well as MAGTF Combat Commander (CC)/Joint Task Force (JTF) combat support information requirements.

This new system should ideally provide deployment support that is accurate and timely. Additionally, it must operate at great efficiency. After all, these characteristics directly translate to proper and successful logistical support in a warfighter's world.

## Solution

Dynamic Systems provided the front half of the multi-vendor/hybrid cloud strategy for the GCSS-MC system. This encompassed non-production systems such as training, test, and development.

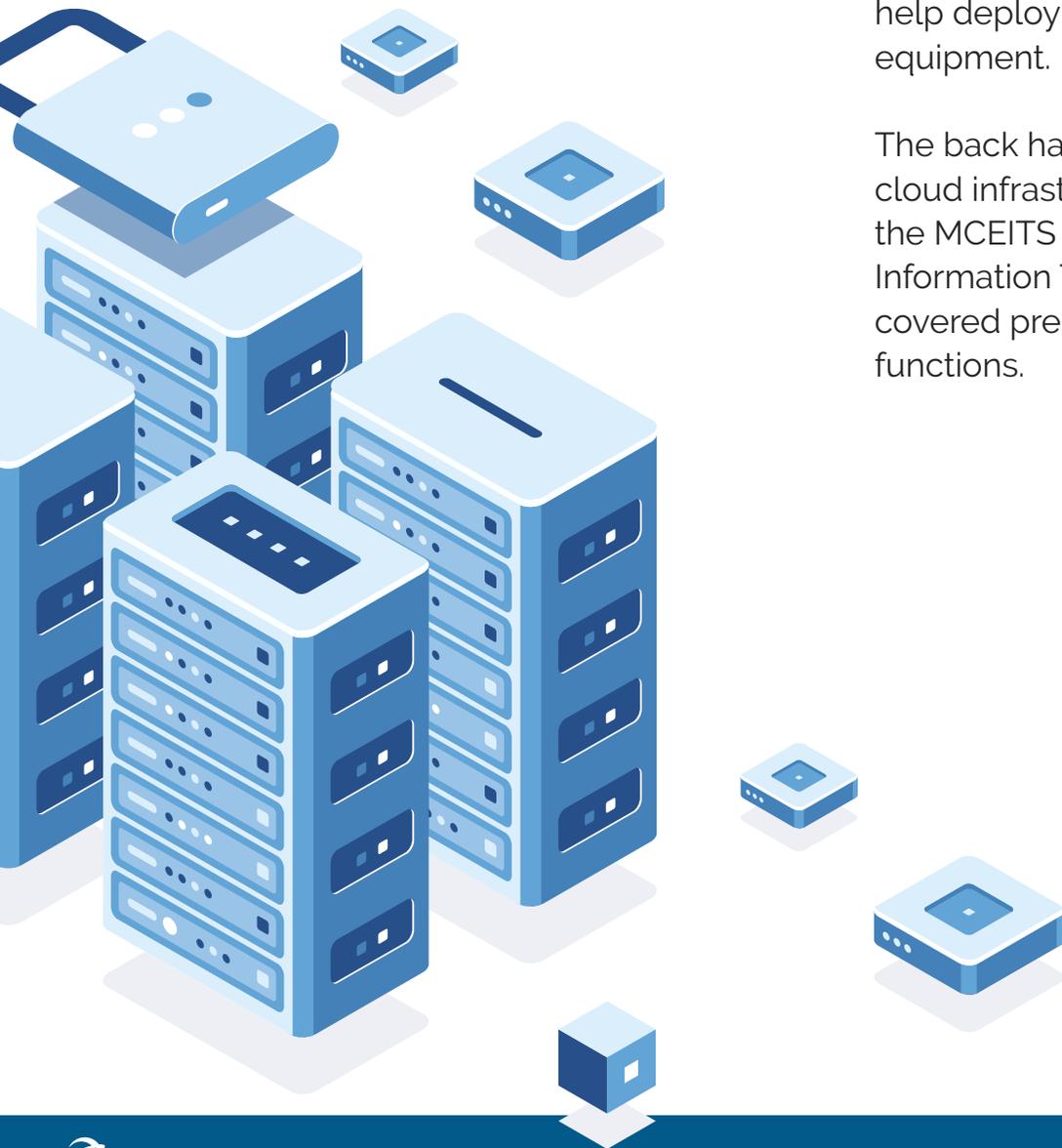
As one of the few vendors that provide secure development environments that meet zone D requirements, Dynamic Systems developed a fully DoD-USMC accredited non-production environment that provided

the solution developer, Oracle Consulting organization, a secure environment for:

- Developing codes and capabilities
- Testing codes; and
- Training users on capabilities

Code developed in this environment can then be tested and moved into production environments for USMC logisticians to use on a daily basis to help deploy marines with the proper equipment.

The back half of this multi-vendor/ cloud infrastructure was developed by the MCEITS (Marine Corps Enterprise Information Technology Services). This covered pre-production and production functions.





## Results

Through partnering with Dynamic Systems, the USMC can now look forward to an infrastructure with:

- ③ **24x7 Operational Feasibility for USMC-GCSS Program**
- ③ **Faster Production Time: Time involved in identifying the problem to resolving it is cut in half**
- ③ **Improved Error Rate: Promoted production code error rate was cut by 75%**



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