

Global Combat Support System- Marine Corps (GCSS-MC)

Program Overview and Status

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- **Bottom Line Up Front**
- **GCSS-MC Program Overview**
- **Increment 1 Concept of Employment**
- **Current Increment 1 Schedule**
- **Release 1.1 Total Force Implementation**
- **Mobile Field Service (MFS)**
- **Release 1.2 Program Status**
- **Benefits**
- **Way Ahead**

- Release 1.1 “Enterprise” Implementation – remains on track
 - 58% complete (units); 69% complete (Users); Data Quality near flawless
- Release 1.2 “Deployable Capability” executing revised testing schedule
 - Mobile Field Service (MFS) fielded to CLB 15 – Feedback is positive
 - Execution nearly complete (based on results from 24 April)
 - Resolving/Closing issues identified during test
 - Verification Correction of Deficiencies (VCD) target completion date is 4 May
 - Will take a couple weeks to review results
- PDSS and Oracle R12 Upgrade Contracts in final stages for Release
 - Draft PDSS Statement of Objectives has been released to Industry

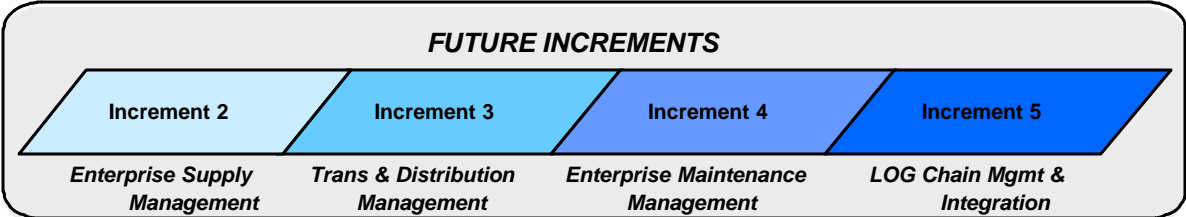
CLB = Combat Logistics Battalion

**Continued Deployment + Rel 1.2 D/T + R12 + OEF + PDSS
have challenged workforce & schedule**

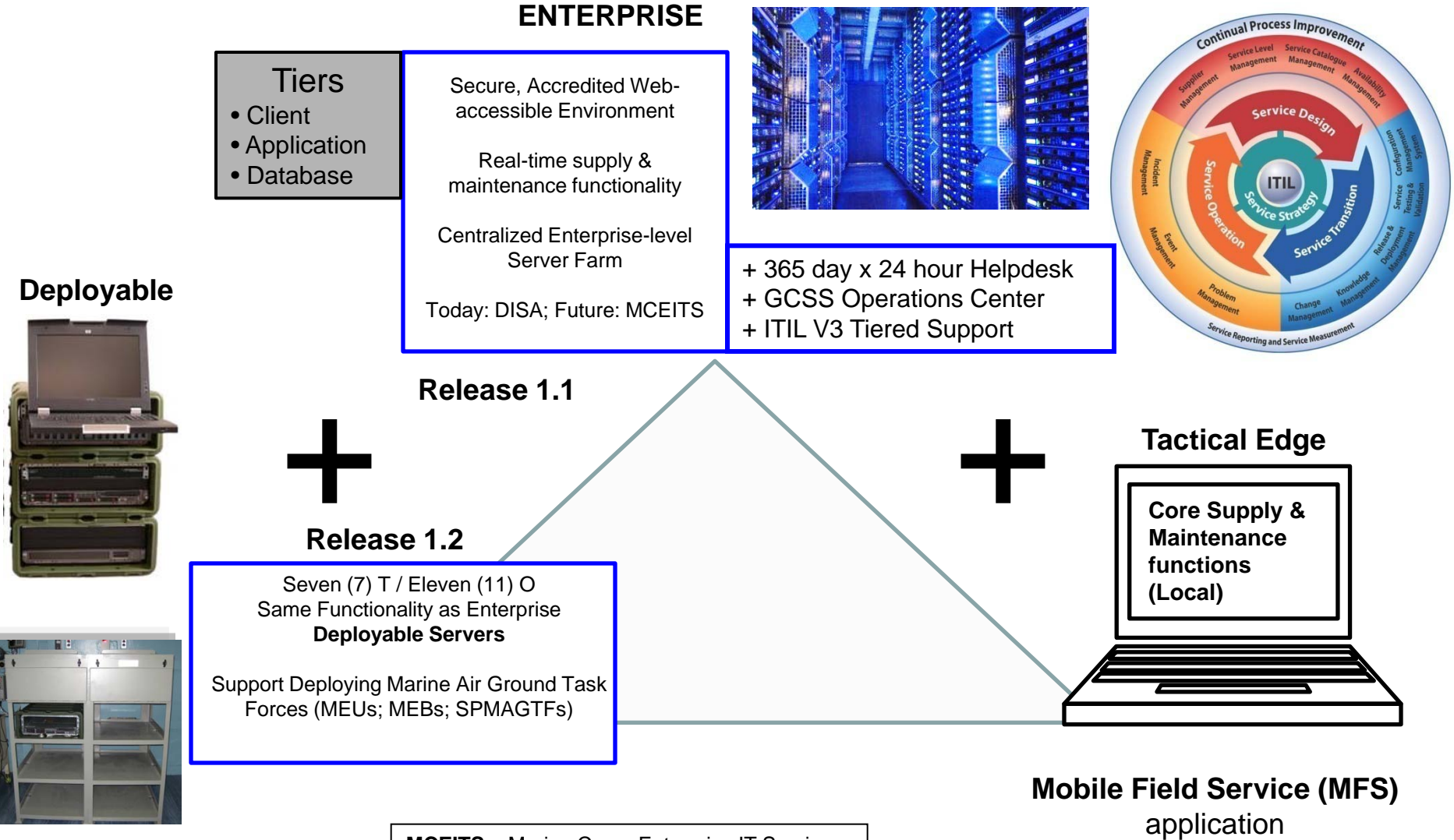
Schedule Overview

Calendar Yr	CY2011				CY2012				CY2013				CY2014				CY2015				CY2016				CY2017				CY2018			
Fiscal Year	FY2011				FY2012				FY2013				FY2014				FY2015				FY2016				FY2017				FY2018			
Quarter	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
GCSS-MC Schedule 	<p>Increment 1 Baseline</p> <p>Field Enterprise Release to III MEF & Selected I/II MEF Units</p> <p>GCSS-MC Baseline - Sustainment / Enhancement / Modernize</p> <p>GCSS-MC Increment 1 Retail Supply & Maintenance</p> <p>ADM Rel 1.1 Limited Fielding Decision</p> <p>ADM Rel 1.1 Continued Fielding</p> <p>ADM Rel 1.1 Limited Release FOT&E</p> <p>Increment 1 FDD</p> <p>Increment 1 FD</p> <p>Increment 1 Release 1.1</p> <p>Increment 1 Release 1.2</p> <p>SDT&E II</p> <p>IDT</p> <p>FOTE Prep</p> <p>Capability Delivered to Production</p>																															
	<p>Future Increments Schedule</p> <p>Acq Milestone</p> <p>Acq Decisions</p> <p>Critical Patch Updates</p> <p>Oracle E-Business Suite R12 Upgrade</p> <p>Increment 2 - Warehouse Management</p> <p>Increment 2 ATP</p> <p>Prototyping</p> <p>Op Analysis</p> <p>Detailed Design</p> <p>Increment 2 MS B</p> <p>Engineer Development</p> <p>Build</p> <p>Test/Transition</p> <p>Limited Deploy</p> <p>Deployment</p> <p>Prod Fielding</p> <p>Increment 3 - Inventory Management</p> <p>Increment 3 ATP</p> <p>Prototyping</p> <p>Op / Design</p> <p>Increment 3 MS B</p> <p>Engineer Development</p> <p>Build</p> <p>Test/Transition</p> <p>Limited Deploy</p> <p>Deployment</p> <p>Prod Fielding</p> <p>New Effort Wholesale/Warehouse/ Transportation/Maint Planning</p>																															

Updated 21 Mar 2012



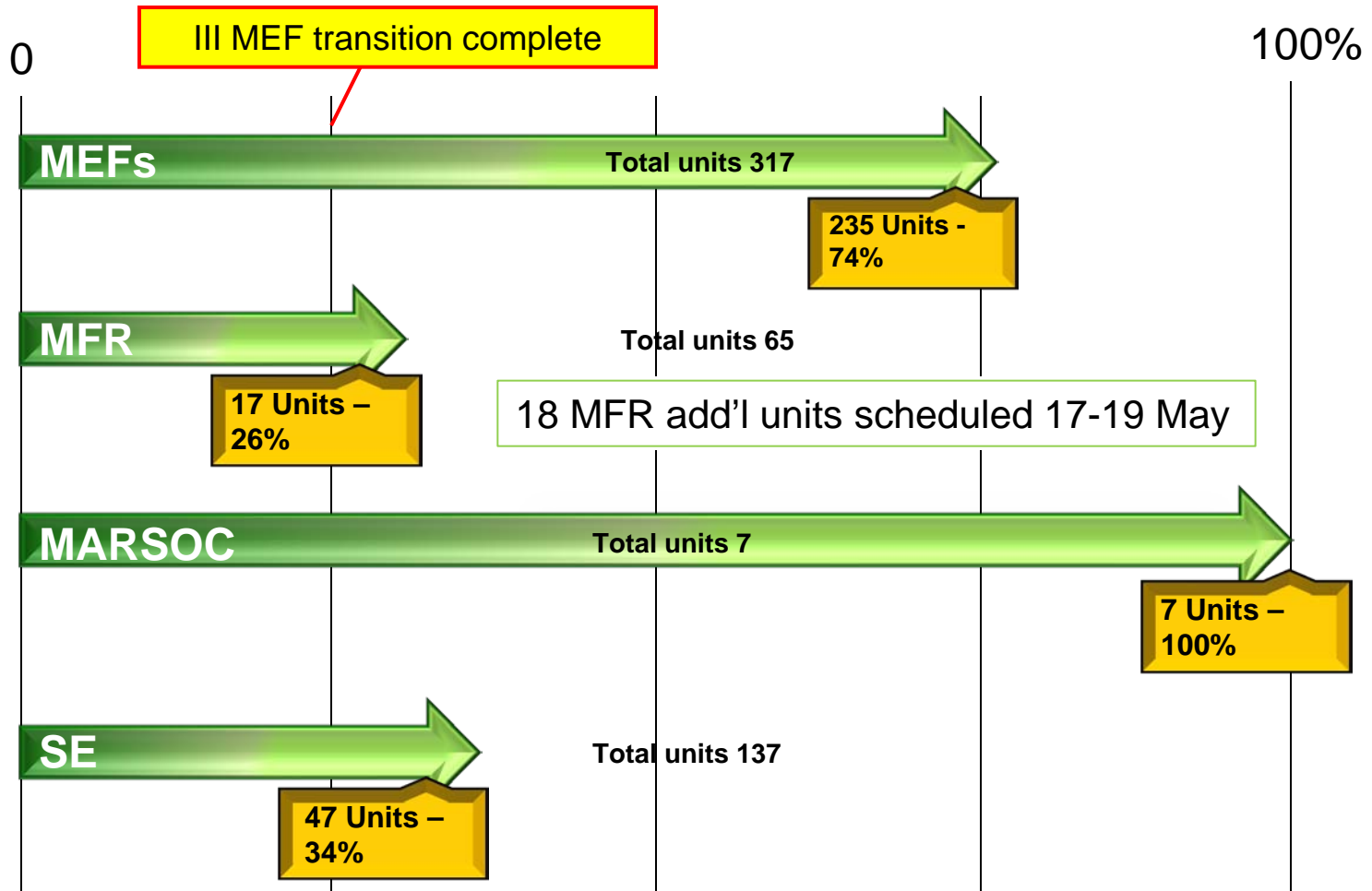
Increment 1 Concept of Employment



MCEITS = Marine Corps Enterprise IT Services

LHD Ship Alteration

Program Status Release 1.1 Total Force Implementation



Current Status:
 (15 April 2012)

➤ 306 units transitioned USMC wide (58%)

Fielding of Increment 1 sunsets four legacy systems in Dec 2012: MIMMS, SASSY, PC-MIMMS, & ATLASS

Quick Reaction Assessment (QRA)

Background:

- MCOTEA executed initial QRA during Feb 2012 as directed by ACMC
 - Units supporting testing:
 - III MEF (Okinawa)
 - USS Essex (tied to pier in Sasebo, JN)
 - 9th Comm Bn (Camp Pendleton)
 - Result: Release 1.1 (Enterprise) provides deployable support with limitations

Where We Are:

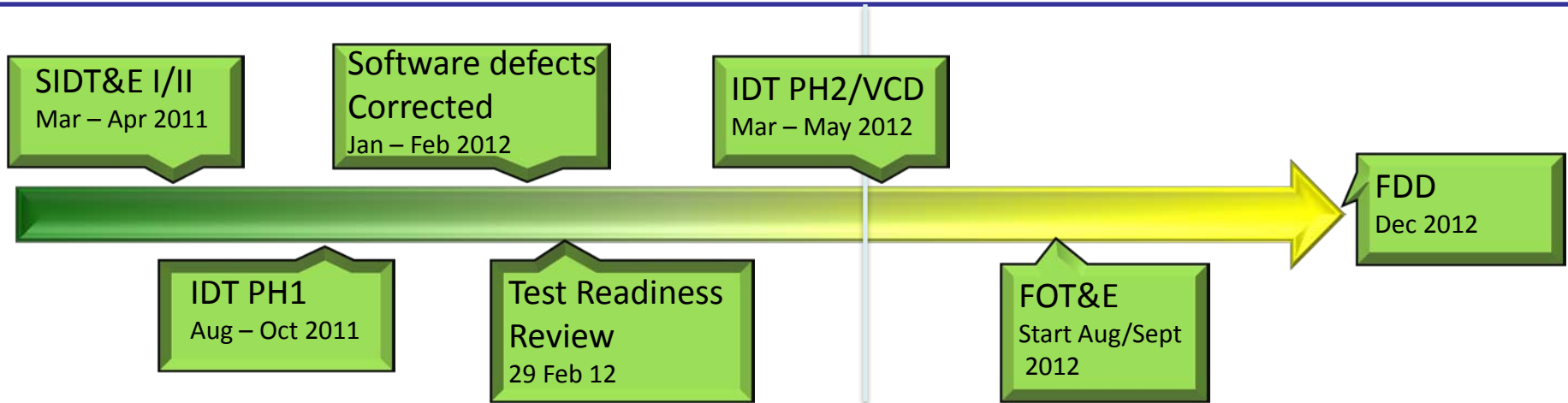
- QRA II: Additional shipboard testing was conducted w/ II MEF (26th MEU)
 - Evaluation team embarked on 9 April in Norfolk / Disembarked in New Orleans on 17 April
 - Test Results expected to be reported by MCOTEA in May

Way Ahead:

- Results will inform / provide data on Enterprise support capability for Deployed units

- Mobile Field Service (MFS) provides:
 - Software loaded on laptop computer with streamlined GCSS-MC functionality (request for service, supply, or maintenance)
 - Intended for use by small units, detachments and commodities
 - Functions in high latency or disconnected environments
 - Synchronizes with “Enterprise” or “Deployed” server via internet or export file
- CLB-15 first unit fielded w/ MFS - conducting system shake out against Enterprise
 - Marines really like the MFS capability

GCSS-MC Release 1.2 Program Status



➤ Integrated Developmental Testing end state

- Revised testing schedule on track
- Hardware built out tested
- Software configuration maturing

SIDT&E – Systems Integrated Developmental Test & Evaluation
 IDT – Integrated Developmental Test
 VCD – Verification of Correction of Deficiencies
 FOT&E – Follow-on Operational Test & Evaluation
 FDD – Full Deployment Decision

**Integrated Developmental Test/Verification Correction of Deficiencies
 IDT concluded, now in VCD**

Benefits Being Realized + To Be Realized

TACTICAL	OPERATIONAL	SERVICE LEVEL
More efficient and effective Logistics Chain <ul style="list-style-type: none"> Improve metrics already realized 	Inventory Cost <ul style="list-style-type: none"> Improved Cost Control (by Class & Item) Reduced Inventory Levels 	Clean Audit (FY-16) <ul style="list-style-type: none"> Asset Depreciation Accurate Inventory Valuation OSD/Congress Reporting
Improved equipment readiness	Warranty Administration <ul style="list-style-type: none"> Cost Avoidance of unnecessary Equipment Repairs 	Operations Analysis <ul style="list-style-type: none"> Historical Transactions Historical + Active
Increased asset accountability <ul style="list-style-type: none"> Serialized visibility 	AAOs <ul style="list-style-type: none"> Improved management of Equipment Approved Acquisition Objectives from TFMS 	Enterprise Planning <ul style="list-style-type: none"> Acquisition planning Logistics policy development
Near real time data in support of Commander's decision cycle	Readiness Reporting <ul style="list-style-type: none"> Real-Time vice Batch Improved Reliability/Accuracy 	COTS Product Advantages <ul style="list-style-type: none"> Upgrade support System Security Updates

Enterprise visibility of assets and expenditure rates improves planning, lightens the MAGTF and increases operational flexibility and responsiveness

PDSS Responsibilities

- **Enterprise NIPR, MEU, MEF, MTS Suites,**
- **Carpathia / Systems Development Environment (SDE) Oracle**
 - **Development and Contractor testing**
- **Government AcceptProduction Support System (PSS) DISA**
 - **Stage and Government Acceptance Testing (GAT)**
- **Application Availability of Deployment Support System (DSS) DISA**
- **Application Availability of Production System DISA**
 - **System Support (Tiers 0-4)**
 - **High availability for the Marines**

ITSM Model-using ITIL V3

- **Utilizes enterprise level personnel as cross-matrixed support**
- **Allows for a structured way to manage and integrate personnel**
- **Uses best practices and is part of the DoD ITSM Strategy**
- **Provides for insight and oversight**
- **Services in GCSS-MC PDSS are framed within:**
 - **Strategy Support**
 - **Design Support**
 - **Transition Support**
 - **Operations Support**
 - **Continuous Service Improvement Support**

Service Support Model

- **GCSS-MC Users are supported by a layered infrastructure designed to optimize problem response times by proper categorization and prioritization of initial problems**
- **Upon categorization and prioritization user problems are dispersed for resolution to specialized skill based support tiers**
- **The following (5) levels or “Tiers” make up the GCSS-MC supporting infrastructure within the GCSS-MC Enterprise Service Desk**
 - **Tier (0) - Self Help**
 - **Tier (1) - Direct Customer Support**
 - **Tier (2) - Functional Application Support**
 - **Tier (3) - Database & Specialized Support**
 - **Tier (4) - External Support**

Adds Warehouse Management, Automatic Identification and data capture capabilities to GCSS-MC/LCM Increment 1 for deployment in Afghanistan



Phased Implementation Strategy

- Phase I: Field GCSS-MC Release 1.1 (Enterprise Capability) at MCLC FWD (Camp Leatherneck, Afghanistan) ISO R4 (Summer 2012)
- Phase II
 - ALM/WMS Pilot Implementation at a CONUS MEF (1st Qtr FY13)
 - ALM/WMS Pilot Implementation in ISAF MAGTF (2nd Qtr FY13)
- Phase III: Implementation at ISAF MAGTF Using Units (Summer FY13)



All phases are condition based and event driven

- **Reduced Time To Receive Parts and Supplies**
 - 24% Order Ship Time reduction for intermediate supply for Okinawa since the beginning of FY2011
- **Improved Readiness**
 - 74% of GCSS-MC repairs are less than 30 days vice 56% for Legacy
 - 58% of GCSS-MC repairs are 10 days or less vice 23% for Legacy
- **Reduced Time for Critical Supply Status**
 - 6 hours GCSS-MC average vice 1.5 days in legacy.
- **Reduced Inventory Levels:**
 - Okinawa Intermediate Level Inventory Cost – Decreased 4% (from \$9.2M to \$8.8M during 2nd Qtr FY-12)

* *Benefits Analysis based upon 3yr legacy average for III MEF units.*

* *Additional baselining of I & II MEF units currently ongoing by LOGCOM with comparative data planned during May 2012.*

Questions



2010 2nd Annual SOA Symposium
Best of Show - Case Study
 Global Combat Support System - Marine Corps



2011 Carl E. Nelson Best Practices Winners
Large Company Category (1,001+ employees)
 Global Combat Support Systems Marine Corps/
 Logistics Chain Management



2010 Global Award for Excellence
in BMP and Workflow
North American - Silver
 Global Combat Support System Marine Corps,
 USA



2011 CIO 100 Winner
 United States Marine Corps
 Global Combat Support System - Marine Corps



2011 Excellence.Gov Finalist
Operations of Government
 Global Combat Support System – Marine Corps
 by Department of Defense – Marine Corps