



GCSS-ARMY LIVE

GCSS-ARMY LIVE

sustainment

Mission and Background

GCSS-Army revolutionizes how the Army conducts its logistics business. It collapses several current logistics management information systems and one financial management system and replaces them with one integrated logistics business enterprise. Commanders at the tactical and operational levels get all the logistics information they need to make timely and accurate decisions in all situations from GCSS-Army.

Provides a Single System

This Army-led effort integrates logistics information and combines various existing independent supply chain systems including Supply, Maintenance, Ammunition, Property Book, and Finance, providing warfighters with a seamless flow of timely, accurate, accessible, and secure information that gives combat forces a decisive edge.

Utilizes Commercial Software

GCSS-Army combines Army tactical logistics processes with commercial-off-the-shelf Enterprise Resource Planning (ERP) software. The impetus for this substantial project is the mandate from several government regulatory oversight organizations that the Army should employ commercial software solutions, along with the adoption of service-oriented architectures, to take advantage of lessons learned from commercial best business practices.

Release Strategy

Release 1.0 of GCSS-Army became operational in the National Training Center's 11th Armored Cavalry Regiment (11th ACR) in first quarter of FY2008. The system replaced all the functionality in the legacy Standard Army Retail Supply System of SARSS-1, SARSS-2AC/B, and SARSS Gateway. The Bravo Direct Support Unit Supply Support Activity personnel and materiel managers, up to and including the Army Sustainment Command, were the first to employ GCSS-Army and now use it routinely to conduct their supply support missions. Release 1.1 of GCSS-Army has replaced Property Book Unit Supply Enhanced (PBUSE), Standard Army Maintenance System-Enhanced (SAMS-E), Standard Army Retail Supply System (SARSS) and interfaces with the General Fund Enterprise Business System at the 11th ACR and the 2nd Brigade, 1st Armored Division, Fort Bliss, TX.



benefits

Benefits of GCSS-Army

- Vendor to user synchronization
- National level asset visibility
- Data for national requirements determination
- Data accuracy
- Consistent catalog data
- Accurate requirements visibility to organizational level
- Reliable and effective decision support tools
- Collapses resource intensive STAMIS
- Collapses numerous unique applications
- Significant economies of scale
- Supports ARFORGEN



www.gcss.army.mil

Original photos courtesy of the U.S. Army



GCSS-ARMY LIVE

GCSS-ARMY LIVE



GCSS-Army

GLOBAL COMBAT SUPPORT SYSTEM - ARMY





MATERIEL MANAGEMENT

sustainment

Reliable Decision Support

Army leadership needs accurate and timely supply chain management information to make informed decisions. GCSS-Army heralds a new era in supply chain management featuring a significantly reengineered suite of support tools that provide accurate, near real-time sustainment information. Using data and information that all logisticians share, Materiel Managers have access to a single version of the truth.

Effective Planning for Logistics Flow

GCSS-Army is the most powerful materiel management enabler in decades. It integrates dynamic data for swift and effective supply chain management. While the commercial world has used Enterprise Resource Planning solutions for decades, the Defense Department only recently committed to it. GCSS-Army is the tactical part of the Army's Logistics Enterprise and is configured around commercial-off-the-shelf software.

Logistics Flow Management

Materiel Managers can monitor accurate and timely information from the distribution pipeline and coordinate management of assets more efficiently using GCSS-Army, which employs a single source of data. Existing logistics management systems operate on disconnected servers worldwide and are not integrated.

Strategic Business Analysis

The final component of the end state materiel management environment is a Business Intelligence capability that provides strategic analysis using reengineered support tools. An assorted menu of aggregate views provides details that are focused on logistics system performance. These capabilities result in a streamlined logistics pipeline and optimized inventories while supporting the Warfighter.



Materiel Management Benefits of GCSS-Army

- Vendor to user synchronization
- Proactive management and preemptive problem resolution
- Asset visibility from theater to organizational levels
- Retrograde visibility
- Precise calculation of planned delivery time (customer wait time)
- Expedient requirements determination
- Same information views at all management levels
- Catalog data controlled at one activity

benefits



www.gcss.army.mil

Original photos courtesy of the U.S. Army



MATERIEL
MANAGEMENT

MATERIEL MANAGEMENT

MATERIEL
MANAGEMENT



GCSS-Army

GLOBAL COMBAT SUPPORT SYSTEM - ARMY





SUPPLY SUPPORT ACTIVITY

sustainment

What GCSS-Army will do for the Sustainment Soldier

Current Army logistics systems were not designed to provide an enterprise view of Army tactical logistics. GCSS-Army offers near real-time information and functionality from a single source of data. This single view of the truth ensures that Commanders have the most precise and up-to-date information they need to perform their missions. Army logisticians can align themselves side-by-side with their maneuver counterparts and provide responsive logistics support to the war fighter.

Provides Complete Transaction Visibility

Supply Support Activities (SSA) are now faced with high volumes of transactions and limited personnel resources to accomplish their tasks. With GCSS-Army, managers are no longer reactive due to the enhanced visibility of core receive, store and issue functions. Bin-to-bin transfers, mobile stock queries and Intelligent Stock Placement (ISP) are a few of the best business practices used in GCSS-Army. This single integrated system is shared by Property Book, Maintenance, Unit Supply and Finance personnel to offer effective and efficient accountability and management.

Decreases Response Time

The Army's new automated tactical logistics system improves stock movement and visibility, and accelerates receipt processing and physical inventory counts. Managers have dynamic on-line analytical processes to monitor key warehouse tasks and they have enhanced capabilities to drill-down in order to research problems. These decision support tools within GCSS-Army provide managers the capability to proactively manage all facets of the warehouse.

Simplifies the Process

GCSS-Army's reengineered Supply Support Activity business processes provide managers the ability to analyze and adjust stocks more frequently. Improved excess management, more efficient control of overdue deliveries and analysis of planned delivery time by NIIN instead of material group are also key benefits of GCSS-Army. The result is data accuracy and timeliness for Sustainment operations.



SUPPLY SUPPORT ACTIVITY

benefits

Benefits of GCSS-Army in Retail Supply

- Enhanced requirements visibility
- Accurate stock posture
- Data accuracy
- Consistent catalog data
- Planned delivery times
- Accurate overage reparable posture
- No customer reconciliations
- More dynamic processes for resolving overdue shipments



www.gcass.army.mil
Original photos courtesy of the U.S. Army



SUPPLY SUPPORT ACTIVITY

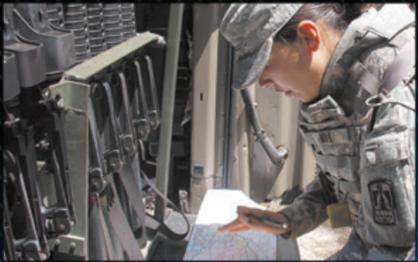


SUPPLY SUPPORT ACTIVITY



GCSS-Army
GLOBAL COMBAT SUPPORT SYSTEM - ARMY





PROPERTY ACCOUNTABILITY

sustainment

What GCSS-Army will do for the Sustainment Soldier

GCSS-Army is an internet-based integrated solution that allows community access for all authorized users. Soldiers share access to a single source of data for information and equipment records. The system eliminates the need for interfaces and reconciliations between Unit Supply, Property Book, Maintenance and Supply Support Activity (SSA) systems.

Managing Equipment

The integrated functionality allows PBOs to add or delete a piece of equipment, while maintainers can update service data or open a maintenance work order against the same equipment. Users have access to near-real-time information, which includes the repository of historical data associated with equipment records. For instance, Commanders can review maintenance serviceability and component hand receipts prior to accepting a lateral transfer.

The Same System for all Soldiers

GCSS-Army will look and operate the same for all Soldiers, whether maintainers, logisticians or MOS-immaterial users (sub hand receipt holder). The common system layout, including screens and navigation, allows for more efficient training and more effective problem solving between functional areas. Soldiers speak the same language when using system terminology and communicate in GCSS-Army with internal email and instant notifications.

Integrated Capabilities for PBOs

When using GCSS-Army, Soldiers will enjoy a full range of capabilities that are long overdue. For example, GCSS-Army provides an automated capability for arms room operations, including the capability for the armorer to issue, receive, inventory, order repair parts and open maintenance work orders. GCSS-Army also provides an automated solution for supervisors (sub hand receipt holders) to issue equipment to their Soldiers by name.



benefits

Benefits of GCSS-Army for Property Book Officers, Commanders and Supply Sergeants

- Provides automated property management below company level
- Property book requisitions process through a release strategy, querying for excess equipment for redistribution
- Automatic posting of equipment to property book mitigates posting errors and eliminates duplicate receipt transactions
- Incorporates official Army component listings and provides uniform component hand receipt data for all major items
- Incorporates DoD mandated Unique Item Identifier (UII) functionality



www.gcss.army.mil

Original photos courtesy of the U.S. Army



PROPERTY ACCOUNTABILITY



PROPERTY ACCOUNTABILITY

PROPERTY ACCOUNTABILITY



GCSS-Army

GLOBAL COMBAT SUPPORT SYSTEM - ARMY





MAINTENANCE

sustainment

What GCSS-Army will do for the Sustainment Soldier

GCSS-Army brings Army maintenance into the 21st century by integrating maintenance operations with Supply, Property Book and Finance. The result is a 360-degree view for Commanders of a unit's equipment status and capabilities. The lag in readiness reporting up the chain of command has plagued maintenance operations for decades. GCSS-Army provides Commanders and maintenance managers essential information required to make timely and informed decisions using a single source of data.

Automates Maintenance Information

The system supports two-level maintenance and allows maintainers to configure complex equipment and vehicle structures. Unit level managers who conduct field maintenance are no longer required to produce and retain hard copies of multiple Department of the Army (DA) forms due to the automation of these manual processes. Historical and technical information for each piece of equipment is available in one system and integrated with the other logistics business areas to provide an accurate picture of readiness and mission capability.

A Single Platform

GCSS-Army enhances ground, watercraft and missile maintenance operations by providing a single platform to conduct field level maintenance operations. The system interfaces with national level organizations including the Modification Management Information System (MMIS) and the Army Oil Analysis Program (AOAP) to provide field tactical users timely and comprehensive equipment status.

Supports Manager Requirements

GCSS-Army provides maintainer managers better planning and maintenance tasking through optimal control of resources, costs and schedules. It also standardizes service intervals and equipment maintenance requirements across the Army. In summary, GCSS-Army revolutionizes the effectiveness and efficiency of maintenance operations through a long awaited integrated approach to Army logistics.



benefits

Benefits of GCSS-Army in Maintenance Operations

- Improved reporting for planning, execution, and readiness
- Increased capabilities in equipment maintenance costing
- A permanent historical record for the equipment
- Increased visibility of available equipment
- Permanent Soldier qualification records
- Soldier qualifications available between units
- Increased asset visibility through the supply chain
- Improved master data and equipment lists
- Increased capabilities to manage equipment through the lifecycle
- Cradle to grave and end-to-end equipment management



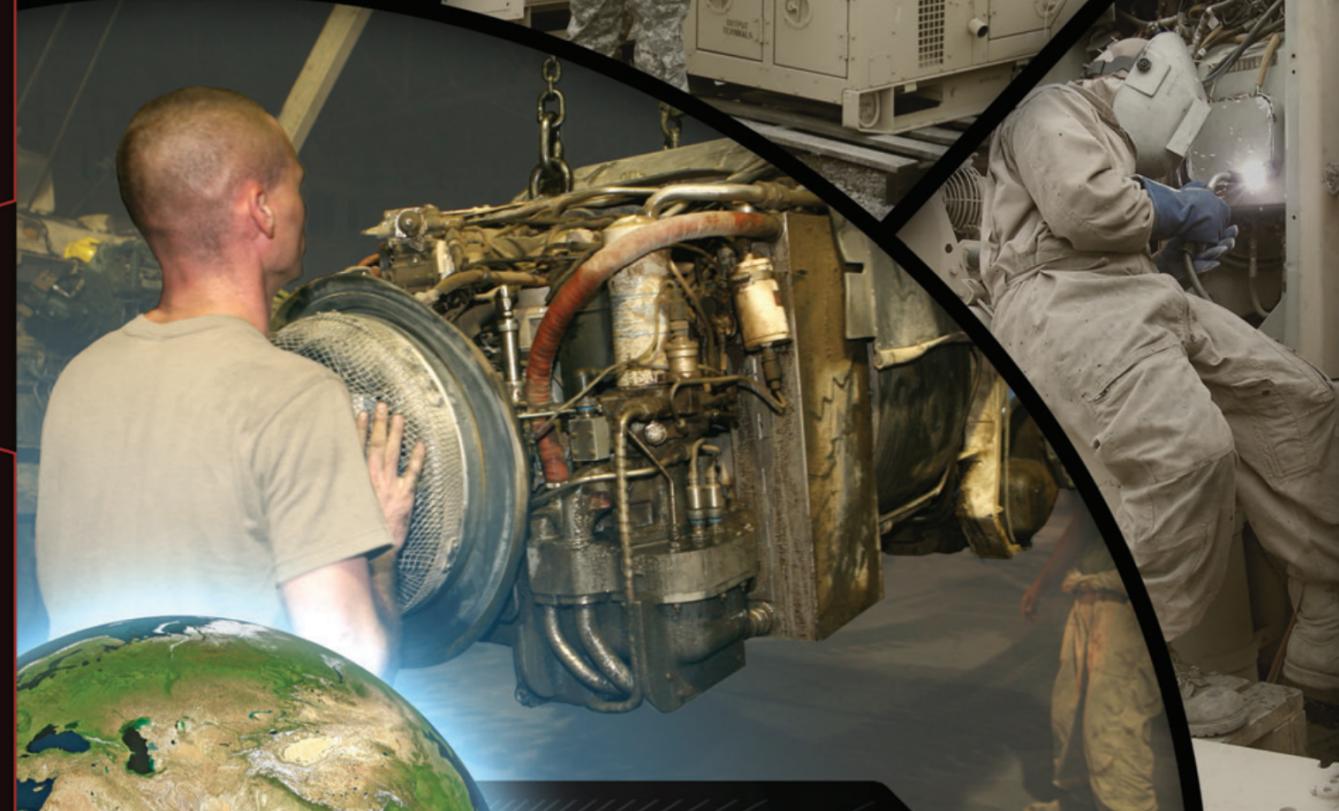
www.gcss.army.mil

Original photos courtesy of the U.S. Army



MAINTENANCE

MAINTENANCE



MAINTENANCE



GCSS-Army

GLOBAL COMBAT SUPPORT SYSTEM - ARMY





TACTICAL FINANCE

sustainment

Finance for Tactical Logistics

GCSS-Army is integrating Supply, Maintenance, Property Book and associated Finance into a single sustainment and tactical logistics management system. As the financial system of record for tactical units when they are in garrison or deployed, this federated approach provides enhanced budgeting, auditability and funds management.

Effective and Efficient Funds Management

Reduced numbers of transactions and better customer support for Resource Managers are key benefits of the federated approach due to GCSS-Army's enterprise view of tactical logistics. Brigades have real-time visibility of the financial execution of Supply, Maintenance and Property Book activities that impact formal budget limits, which helps them better manage and control costs. The General Fund Enterprise Business System (GFEBS) currently manages Division and Installation funds allocation. GFEBS and GCSS-Army are integrated, which provides finance personnel a more accurate and real-time view of funds.

Financial Enterprise Integration

GCSS-Army is designing the federated approach with guidance from the G4/CASCOM and the Assistant Secretary of the Army and Financial Management & Comptroller (ASA FM&C). One goal is auditability, which is a crucial step to meeting future Army requirements. Another is adherence to the Clinger-Cohen Act, which is a federal law designed to improve the way in which information technology (IT) is used within the federal government.

A True Enterprise System

General ledger, funds management and cost management are the key functions of the GCSS-Army tactical finance solution. GCSS-Army will feed data and information to the Defense Department Reporting System (DDRS) and, as the system of record, will obligate funds. Additional financial functionality occurs in the background of GCSS-Army; these transactions are for the most part transparent to the sustainment Soldiers. Coupled with GFEBS the two systems will provide a true enterprise solution for Army sustainment and tactical logistics.



benefits

Benefits of the Federated Approach

- Auditability
- Total cost of ownership
- Better control and management of budgets
- Total asset visibility
- Cost management
- Adherence to Clinger-Cohen
- Reduced paperwork and redundancy
- Supports a single enterprise solution
- GFEBS and GCSS-Army operate within the same software environment

TACTICAL FINANCE



www.gcss.army.mil

Original photos courtesy of the U.S. Army



TACTICAL FINANCE



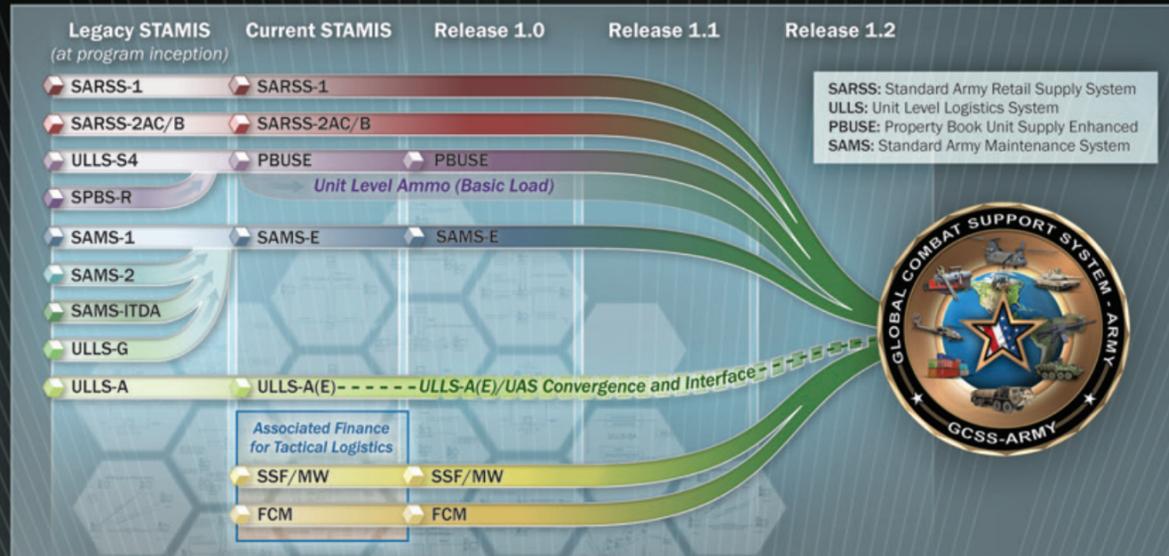
TACTICAL FINANCE

GCSS-Army

GLOBAL COMBAT SUPPORT SYSTEM - ARMY



- Field an Army automated information system as the primary tactical logistics enabler to support Army and Joint Transformation of Sustainment using an Enterprise Resource Planning (ERP) system
- Reengineer current business processes to achieve end-to-end logistics and provide unclassified feeder data to applicable C2 / Joint systems
- Implement tactical financial processes relating to supply and maintenance



Release 1.0 (Dec 07)

- Supply (Retail Supply) at the 11th ACR
- Operational Assessment (OA) / Continuing Evaluation

Release 1.1 (Jul 10 and Aug 11)

- Maintenance (Field Level)
- Supply (Warehouse and Materiel Management)
- Property Book (Property Book and Unit Supply functionality, Basic Unit Load Ammunition)
- Finance (e.g. Funds & Financial Management, Budget Forecasting, Accountability)

Release 1.2 (Apr 12)

- Disconnected Maintenance Functionality - via Technology Insertion (CLOE-TCI)
- CBM Capabilities
- Finance (e.g. Cost Management, Exchange Pricing, GFEBs (data sync) interfaces)
- Business Intelligence / Business Warehouse Reports



www.gcss.army.mil
Original photos courtesy of the U.S. Army



GCSS-ARMY OVERVIEW

GCSS-ARMY OVERVIEW



Enables the Warfighter to order, move, track, account for and maintain equipment and supplies from factory to foxhole

GCSS-ARMY OVERVIEW

