Enterprise Resource Planning Business Systems

## General Fund Enterprise Business System

The General Fund Enterprise Business System (GFEBS) is a Chief Financial Officers Council certified commercial off the shelf (COTS) Enterprise Resource Planning (ERP) system designed to provide the Army and the Department of Defense relevant, reliable, and timely financial information across the full spectrum of its operations. GFEBS is helping the Army standardize and streamline its financial business processes to provide continuous access to financial information, as well as contribute an important element in the development of an Army integrated enterprise-wide system.

The three Army ERP business systems–GFEBS, the Logistics Modernization Program, and the Global Combat Support System-Army–provide the Army an integrated enterprise-wide system to provide decision-makers with data for better informed decision making and to comply with legal and mandatory reporting requirements. As “mixed systems,” these three systems perform financial management functions to better support their primary missions and system functions.

GFEBS replaces existing information systems: the Standard Army Finance System, the Defense Joint Accounting System and the Standard Operation and Maintenance Army Research and Development System. GFEBS is a web-based system designed to integrate seamlessly into the Army’s current information technology environment. The project also includes significant business process reengineering, change management, and business case analysis support components. The GFEBS solution includes Design, Build, Run, and Application Service Provider services for approximately 10 years. Ultimately, GFEBS will replace over 80 Army legacy accounting, financial and asset management systems.

GFEBS processes financial, real property, cost management, and performance data, and then integrates this data for decision support. GFEBS’ primary objectives include improving performance; standardizing financial and business processes; ensuring capabilities exist to meet future needs; and complying with statutory and regulatory accounting requirements. Specifically, GFEBS' goals are to:

* Provide decision support information to sustain Army capabilities.
* Provide analytic data and tools to support Institutional Adaptation.
* Reduce the cost of business operations.
* Improve accountability and stewardship.

GFEBS is one of the largest ERP business systems in the world, processing 1 million transactions a day for the active Army, Army National Guard, and Army Reserves from some 79,000 end users at more than 200 sites worldwide. The system standardizes transactional input and business processes across the Army; provides accurate, reliable, online, and real-time data; enables cost management activities; and ties budgets to execution. For the first time, the Army will have a single source for financial and related non-financial data, and a single system of record for the General Fund. GFEBS will enable the Army’s workforce to focus its efforts on value-added tasks, such as analysis and decision making, as opposed to redundant data entry or extensive reconciliations, and empower leaders at all levels to determine the true costs of operations and the costs that affect their budgets. GFEBS is a complex initiative that blends expertise from many Army and Defense organizations in developing new enterprise business processes. For more information, go to <http://www.gfebs.army.mil/pmo/>.

GFEBS complies with the Standard Financial Information Structure standard, which is the common business language that supports information and data requirements for budgeting, financial accounting, cost/performance management, and external reporting across the DOD enterprise. For additional SFIS information, go to <http://www.defenselink.mil/bta/products/sfis.html>.

### GFEBS Business Process Areas

GFEBS development activities are organized into six functional business process areas related to Funds Management. This guide will be expanded to cover all Federated ERP Business Systems in the near future.

* Funds Management (Budget Execution and Budget Formulation) – includes General Fund management, budget execution, and budget formulation below HQDA level.
* Property, Plant and Equipment – includes real property management and maintenance, materials management, equipment and asset management, and environmental liabilities.
* Spending Chain – includes initiating purchase requisition, checking funds, recording obligations, managing goods and services receipts, and logistics integration and inventory management.
* Cost Management – includes full costing, and payroll and travel interfaces.
* Financials – includes United States Standard General Ledger accounting (USSGL), workflow journal voucher approval process, financial statements, and month end and year-end closing processes. Also includes sub-processes of reimbursable management and accounting.
* Reimbursables – includes reimbursable order processing and debt management.

### GFEBS Component Overview

GFEBS is based on the SAP ERP package, which includes software that supports a variety of process areas.

### GFEBS Enterprise Resource Planning Central Component

The ERP Central Component (ECC) module processes transactions in real time and acts as the financial core of the system.

### GFEBS Business Intelligence Module

The Business Intelligence (BI) module is the GFEBS data warehouse; it is updated several times a day from the ECC transactional data. BI is engineered for quick retrieval of data sorted in any number of ways and data is organized into easily understood, user-generated reports.

### SAP Components

GFEBS uses eight SAP components to support eight Army business process areas.

* Funds Management
* Financials (includes Special Purpose Ledger.)
* Controlling
* Spending Chain
* Fixed Assets
* Real Estate
* Materials Management
* Business Intelligence (Key BI application is Integrated Planning, which provides the Budget Formulation and Spending Plan Management capabilities, in addition to the Reports and Queries capability.)

### Funds Management Business Process Change Summary

Table 1 provides a summary of the changes from the legacy state to the GFEBS state in the funds management business process area.

Table 1. Funds Management Business Process Change Summary

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| --- | --- | --- |
| Without GFEBS | With GFEBS | Impacts |
| * Funds distribution and funds execution performed in different systems with numerous complex interfaces and manual processes needed to manage across them.
* Limited ability to grant funds management authority to lower levels.
 | * Funds distribution within the same system as funds execution.
* Budget planning within the same system as distribution and funds execution.
* Perform commitment accounting.
 | * Visibility and control of funds not available in current system.
* Eliminate the need for centralized funds control or central order control points.
* Impact of spending actions seen immediately in budget and financial reports.
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## Global Combat Support System-Army

Global Combat Support System- Army (GCSS-Army) manages the development, deployment, and sustainment of the tactical logistics ERP solution for the Army’s logistics enterprise. GCSS-Army replaces the aging Standard Army Management Information System and the associated financial management systems that support Army tactical logistics, with one integrated solution.

## Logistics Modernization Program

The Logistics Modernization Program (LMP) supports the Army national-level logistics mission to develop, acquire, field and sustain the world’s best equipment and services, providing soldiers with a decisive advantage. LMP delivers an enterprise system for the Army Materiel Command (AMC) with a fully integrated suite of software and business processes, providing streamlined data on maintenance, repair, and overhaul; planning; finance; acquisition; and weapon systems supplies, spare parts, services and materiel. LMP is deployed to more than 50 locations with approximately 30,000 users throughout AMC and related major subordinate commands, depots and arsenals, as well as the Defense Finance and Accounting Service.