



Expeditionary Combat Support System

As part of the Expeditionary Logistics for the 21st Century (eLog21) campaign, the Air Force has a number of initiatives underway to better support the Warfighter. One of the most critical of these initiatives is the Expeditionary Combat Support System (ECSS).

Using an Enterprise Resource Planning (ERP) foundation, ECSS will fundamentally transform Air Force Logistics. ECSS will do this by replacing the disparate processes and data of approximately 250 legacy logistics systems with a single integrated solution. This solution will use a commercial off-the-shelf (COTS)-based system — the Oracle Product Suite (OPS), which includes Oracle E-Business, IFS, and Click

Commerce modules. ECSS also will transform business processes, personnel roles, and organizational structures across the spectrum of the Air Force Logistics community.

Superior Process and Product Solutions

ECSS is a COTS-based system that enables the eLog21 and LogEA future vision for the Air Force — which is aimed at enhancing logistics by improving processes, consolidating systems, and providing better access to logistics information in the most cost-effective manner.

ECSS will leverage the OPS to enable a seamless flow of information across the Air Force Logistics and supporting communities. The ECSS solution will integrate data by

Think Real-time. Think Global. Think Integrated. Think



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using a set of interconnected OPS modules, including IFS and Click Commerce.

Exceptional Benefits

Today's Air Force Logistics information technology environment consists of approximately 250 legacy systems, with about 175 of these systems supporting a majority of the Air Force Logistics functionality. Many of the systems are standalone, causing duplicate effort, non-standardized reporting, and data integrity issues. In addition, there is limited visibility across the supply chain, which makes sourcing parts challenging, causing disruptions in maintenance scheduling and production.

ECSS will create an enterprise-wide logistics solution, which will utilize commercially proven technology and create an integrated logistics data environment across the Air Force. Metrics will be enhanced that will enable the Air Force to improve readiness and mission capability, while reducing costs. There will be standardized reporting, universal access to inventory, and real-time flow of critical information. Benefits to the Warfighter include:

- Greater combat support capability
- Merging base-level and wholesale logistics systems in an enterprise-level approach
- Real-time visibility of assets worldwide
- Improved availability of mission-critical weapon systems



Timeline for Success

Blueprinting, or process definition, began in 2007 and will be completed in 2008. Releases begin in 2010, with final implementation expected to occur in 2013. Over the course of the program, the Air Force, together with its selected business partners, will work diligently to provide a seamless transition for all Air Force Logistics personnel from current-state systems and processes to ECSS.

Unprecedented Opportunity

ECSS is an unprecedented large-scale transformation of Air Force Logistics. While ECSS will mean changes in the way the Air Force does business and the way jobs are performed, the result will be an Air Force Logistics community better enabled to provide Warfighters with the support they need and deserve.

For more information, visit <https://www.ecss.wpafb.af.mil>.