Background
Unit Level Logistics System-Aviation (Enhanced)—or—ULLS-A(E) is the system of choice for the United States Army when it comes to managing all facets of aviation logistics. Currently there are over 4,000 aircraft and 54,000 users of ULLS-A(E) and those numbers continue to grow. It has proven itself as a robust and reliable system in combat theaters around the globe. With continuing updates to support an ever changing environment, QinetiQ North America is committed to providing those that keep America safe the best technological solutions available.

Why ULLS-A(E)
ULLS-A(E) is designed to save time and money in aviation logistics. The enterprise systems, reduces redundant data input, provides greater asset visibility, and reduces labor hours required to perform maintenance. Innovative tools such as dashboards and automated warnings allow for easier management of aviation assets and much greater capability to spot trends before they become a problem. This increased visibility and analysis capability is available at all levels from a high level fleet perspective to the individual aircraft and maintainer. ULLS-A(E) interfaces with all major logistics information systems (LIS) used in the U.S. Army so everyone has the most current information. This unique capability greatly reduces communication errors and delays in the supply chain.

Why QinetiQ North America
Working closely with our customer, we have developed a maintenance and logistics enterprise system, anchored by an exceptional software program and complex database, for total unit maintenance and logistics management. In additional to development, we provide all field implementation, personnel training and post-deployment software.

ULLS-A (E) is the first client server enterprise system to use Relational Database System technology for Army maintenance management. ULLS-A (D) features a Graphical User Interface (GUI) to access data from an extensive, integrated database. The user-friendly GUI runs on a Windows-based system, and provides program managers, crew chiefs and other personnel with a range of information to aid decision-making. The logbook enables crew chiefs to electronically document all daily write-ups and issues about each aircraft. In fact, with ULLS-A (E), any information relating to the maintenance and
The networked system was rapidly developed (nine months) and fielded (14 months) and is now in use with more than 3,500 Army aircraft and 43,000 users. By eliminating previously manual processes, ULLS-A (E) has significantly reduced non-productive man-hours, allowing resources to be redirected to activities that will improve readiness and efficiency.

**Other key benefits of ULLS-A (E):**
- Closes out aircraft logbooks in five minutes
- Eliminates non-productive time previously spent generating forms for component replacement
- Eliminates errors in calculating time between overhaul (TBO)
- Replaces history recorders on T-700 engines; automatically verifies calculation for engine components
- Interfaces with other STAMIS’s, SARSS-1 and SAMS-E
- Interfaces with VMEP/MSPU on the AH-64 and is interfaced-ready with IETMs as they are published for each aircraft

**What’s Next?**
Today, ULLS-A (E) functions on a brigade-level and commanders realize significant benefits. The system is being used to collect and manage maintenance and logistics information for 3,500 aircraft on a fleet-wide basis, and the benefits of enhancing high-level strategic decision making has positively impacted Army Aviation as a whole. Any large fleet operator—ground, sea or air—would reap cost, efficiency and readiness benefits from an ULLS-A (E)-type management information system. QinetiQ North America, and our ULLS-A (E) solution are paving the way for the implementation of condition-based maintenance.

---

**FOR MORE INFORMATION**
QinetiQ North America
7918 Jones Branch Drive
Suite 350
McLean, VA 22102
Tel: (703) 752-9595
lifecyclesolutions@QinetiQ-NA.com

© QinetiQ North America, Inc.
09/12