

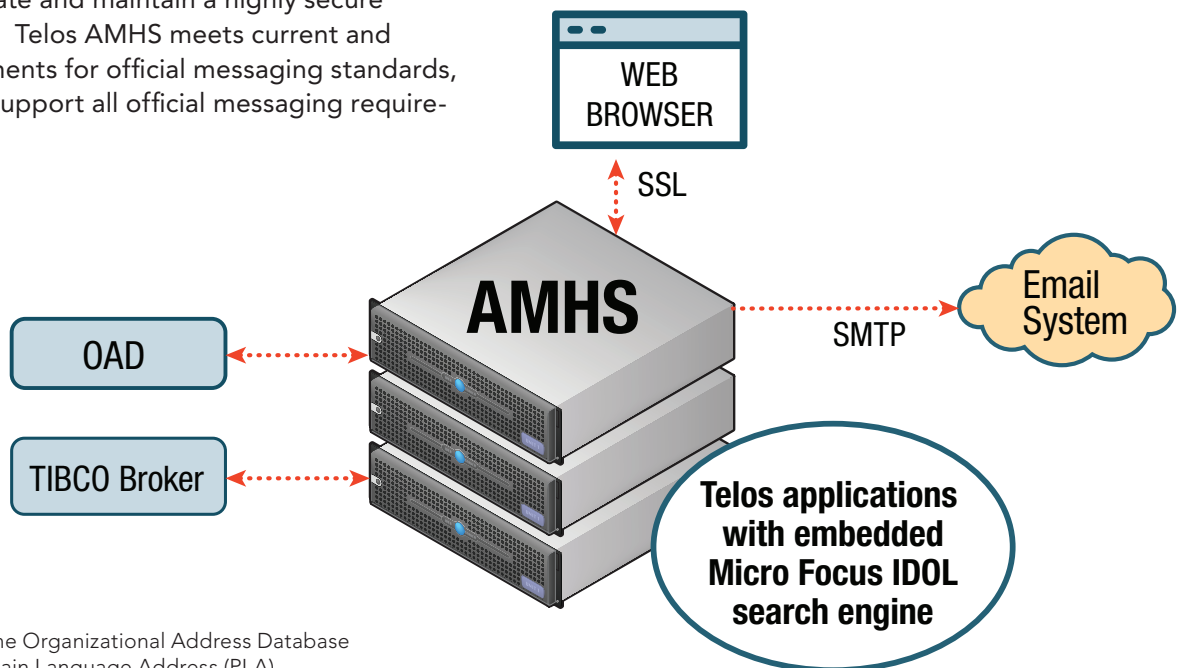
Telos® AMHS for the Intelligence Community

Automated, web-based distribution and management of organizational messaging using Information Transport Service

- The most widely deployed organizational messaging system in the United States government
- Fully compliant with all messaging security requirements at all classification levels
- A Microsoft-based solution that meets all security accreditation requirements for the Intelligence Community (IC)
- Significantly lowers total cost of ownership
- Support for tactically deployed organizations on JWICS and SIPRNET
- Supports interoperability among coalition partners
- Interoperates with the DoD OMS messaging environment
- **Cost-effective** – Dramatically lowers overall cost of ownership by leveraging existing systems.
 - Uses accredited Microsoft framework and existing web-based solution
 - Utilizes existing AMHS investment (hardware, software, and training) to support new functionality
 - Allows existing AMHS enterprise organizations (SIPR and NIPR) to support JWICS requirements
 - Interoperates with the DoD Organizational Messaging Service (OMS) infrastructure
- **Flexible** – Telos AMHS is interoperable with a number of common systems including OMS/Legacy (AUTODIN). Interfaces to other protocols, such as DST and CMI, are implemented in AMHS for communication to the messaging infrastructure.
- **Easy to Use** – Message access, creation, and search are very intuitive with Telos AMHS. Creation of user profiles, queries, and stored formats utilize a Telos developed user friendly GUI allowing the user to create and manage these features.
- **Rapidly deployed** – Can be implemented quickly and easily; Telos AMHS uses common Microsoft hardware and software. The AMHS architecture has demonstrated scalability from a ruggedized laptop to a high availability clustered/SAN environment. Access to older messages already stored in the messaging database is seamless.

As the Department of Defense and the Intelligence Community look beyond current messaging networks to future addressed (push) messaging and social networking models, solutions are needed that are interoperable with existing legacy systems while supporting new standards and functionality. Evolutionary solutions, when carefully designed and efficiently implemented, improve operational capability while reducing infrastructure costs.

Telos AMHS ITS capability is the next-generation messaging capability that provides reliable, secure command and control-related information exchange by leveraging the current AMHS framework to reduce the total cost of ownership to operate and maintain a highly secure messaging system. Telos AMHS meets current and proposed requirements for official messaging standards, making it ideal to support all official messaging requirements.



AMHS interfaces with the Organizational Address Database (OAD) connection for Plain Language Address (PLA) information and a TIBCO broker connection for message distribution.

Telos AMHS is fully compatible with the ITS infrastructure.

Telos AMHS has been in the mainstream of the ITS program from its inception, supporting various IC customers.

The ITS XML IC Schema defines the format of the message and the associated metadata tags. AMHS has a fully qualified client interface to the ITS infrastructure and supports all organizational messaging functionality. The AMHS interfaces in the ITS community with the Legacy Translation Gateway (LTG) for legacy interoperability and with the Cross Domain Gateway (CDG) controlled interface between JWICS and SIPRNET.

Flexible directory services now and in the future.

The AMHS interfaces with the ITS directory infrastructure to ensure synchronization of organizational addressees and their security attributes. These directory entries can either be cached within the AMHS for quicker response or interactively using stored procedures with the ITS directory services.

AMHS the logical solution for organizational messaging today and tomorrow.

AMHS allows the services, Intelligence Community and other government customers to leverage their existing investments in organizational messaging. Transition to ITS will be transparent to users as OMS and legacy interfaces will be supported as long as there is a requirement for them. ITS will provide excellent support for tactically deployed organizations by capitalizing on the common AMHS user interface in an extremely small footprint with native ITS functionality.

Advantages of AMHS ITS: Nothing changes except productivity (up) and costs (down)

Existing web client

- All existing AMHS functionality maintained – search, profiling, DAC, etc.

Existing user training

- Nothing required by readers
- Short refresher/update for ITS drafters/releasers

Existing server hardware

- Reuse legacy systems for simplicity and cost-effectiveness

Existing software

- ITS is an enhancement to the existing AMHS OMS/ Legacy code base

Existing DoD PKI infrastructure

Existing functionality

- Still use OMS/legacy while also using ITS
- No hard cut-over

Existing historical data store

- No data import or migration



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