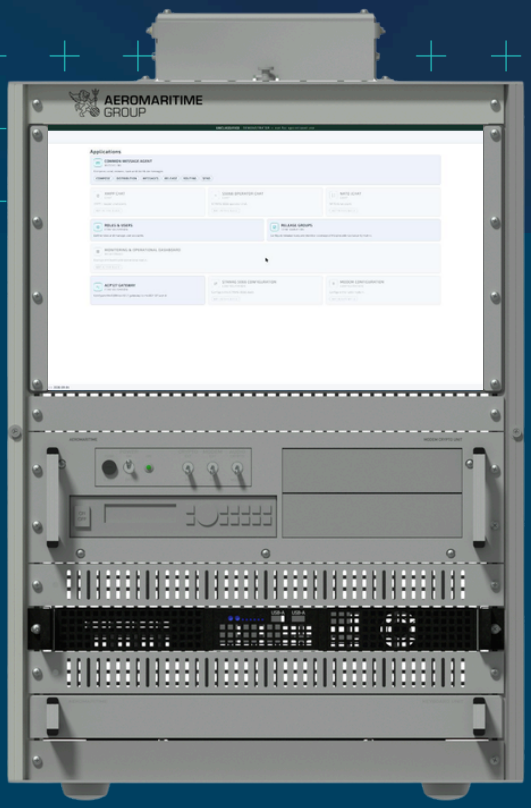
AEROMARITIME GROUP

SAMMS®7

TRUSTED, SECURE MILITARY MESSAGING ACROSS ANY PATH.



400+ SYSTEMS IN SERVICE WORLDWIDE

A trusted military messaging solution used by defence and government organisations worldwide.

Designed to meet today's communications requirements while supporting future growth, it delivers the flexibility and scalability needed for evolving operational environments.

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SECURE AUTOMATIC MILITARY MESSAGING SYSTEM

SAMMS®7

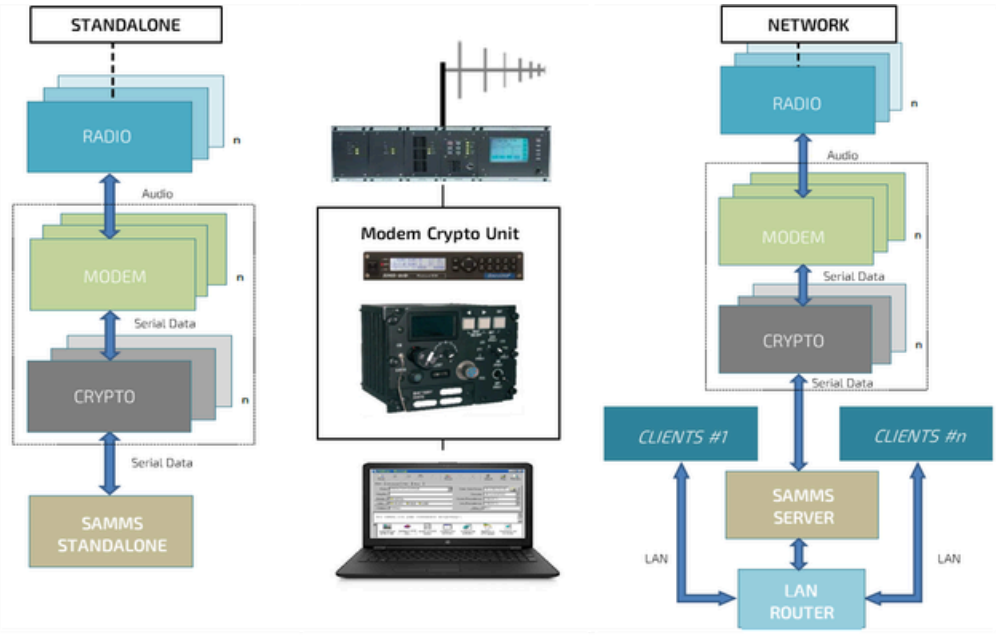
SAMMS®7 features an ACP 127 / ACP 128 message handling system in standalone or networked configurations, supporting a wide range of military messaging formats on Microsoft Windows® platforms. Developed through decades of experience supporting NATO, STANAG 4406/5066, and international government customers, SAMMS®7 combines proven capability with the advantages of Commercial Off-The-Shelf (COTS) hardware and software.

Available in standalone, networked, naval, and defence configurations, SAMMS®7 provides a complete, reliable, and future-ready messaging solution.

Features

- Guaranteed delivery with automatic failover across HF, V/UHF, SATCOM and IP to ensure traffic gets through
- Faster operator workflow through one intuitive GUI for message creation, retrieval and storage with minimal training
- High-throughput networking via high-speed Ethernet for rapid enterprise-wide message exchange
- Reliable HF communications with purpose-built modems designed for degraded environments
- Future-ready modular architecture scaling from standalone deployments to fleet-wide operations without replatforming
- Auditable traceability with automatic delivery and read confirmation for every message
- Assured security supporting NATO-approved and STANAG-compliant cryptographic systems

System Architecture Overview



SAMMS®7 Portable Solution

The Modem Crypto Unit (MCU) provides secure communication radio links in data mode.



- Lightweight single or dual screen design
- Modular
- Military standard
- Designed for harsh environments
- Strong customer demands

Additional Features

- USB-C tablet linking
- Keypad with trackball
- Modem access
- Aviation pressure valve
- Gas springs to secure the top

Certifications

- Cybersecurity: IEC 62443
- Climatic/Mechanical: MIL-STD-810
- Electromagnetic: MIL-STD-461

User Agents

SAMMS®7 comprises User Agents for ACP 127/128, STANAG 4406, and IMAP/SMTP (Email). Besides this, SAMMS®7 offers a User Agent which combines all message formats in one GUI, the Common User Agent (CUA).

CUA

- Allows exchanging of STANAG 4406, ACP127/128, and email messages
- Automatically converts generalized messages to the recipient's supported format
- Offers authentication for new users via username, password and certificates
- Provides progress information about received and transmitted data
- Messages can easily be signed and/or encrypted (also in Arabic)

Specifications

Radio Input	Single input (D-sub 25)	
Supply	115-230V AC power input	
Modem	Fast WB HF embedded & pre-configured, Compatible with GFE customer	
Air system	Cooling fan 30CFM (51m3/h), Inlet filters (including EMI filter, 30PPI foam media and aluminium filter), Outlet mesh (1 mm aperture)	
Display	Full HD 18,5" (SINGLE)	Two Full HD 15.6" (DUAL)
Dimensions (LxWxH)	~ 550 x 405 x 280 mm (~60L)	
Weight	~19kg (SINGLE)	20kg (DUAL) (without external cables and ext. adapters)
Operating conditions range	-10°C to 55 °C in working conditions	
	90% RH non-condensing at 30°C	
Storage conditions range	-10°C to 65 °C	
	95% RH non-condensing at 40°C	
Water-proof	IP65 when closed (floating on water)	
Shock resistance	30 G 11ms	

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For more information visit our website:

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