

## ABOUT US

**Abramak** Information Technologies Inc. plays a role in the development of national technology resources in **all kinds of wired / wireless voice and data communication** by utilizing its own among all elements in the **tactical and strategic** field. **Abramak** is on its own way to become a brand in the world that **leading the technology** its devices and systems.



Our systems and devices that we have developed completely nationally and locally;

- ACCMS: Advanced Communication Control And Management System.
- UTS: IP Multi-purpose User Terminal
- S-AMPS: Advance Message Processing System
- ABR-PAS: IP Public Alarm General Address System
- ABR-TSB: Ship Telephone System
- ABR-WIFCOM: Wireless Communication System



## CONTACT INFORMATION

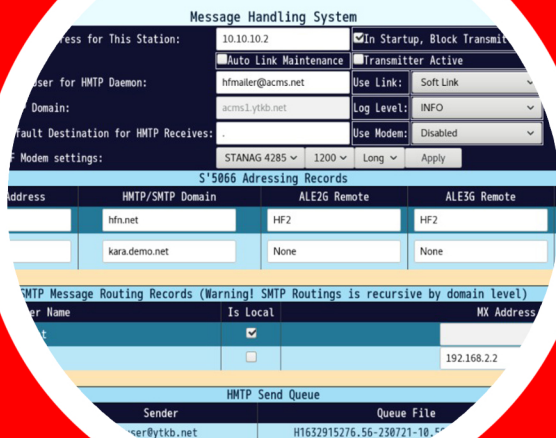
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**S-AMPS**  
**ADVANCE MESSAGE**  
**PROCESSING SYSTEM**

[www.abramakbilisim.com](http://www.abramakbilisim.com)



# S-AMPS

## ADVANCE MESSAGE PROCESSING SYSTEM

S-AMPS; it is developed system in order to realize tactic and strategic area messaging needs, as fast, secure, reliable and continuous.

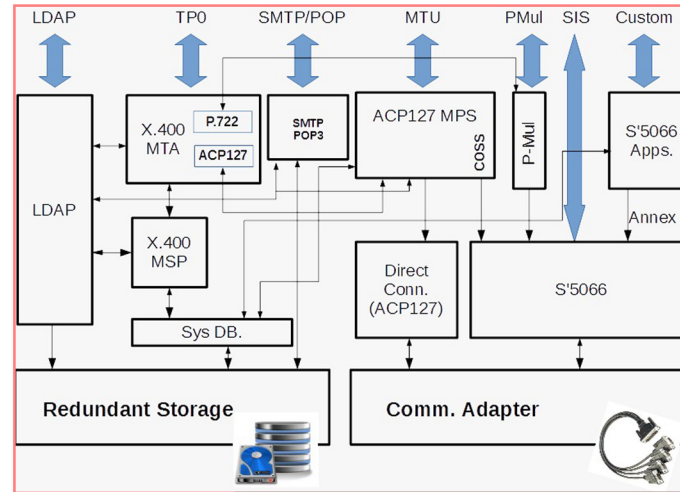
It is an independent military messaging system within National and NATO, in order to realize military messaging according to user needs.

S-AMPS supports the most important military message formats, i.e. STANAG 4406, STANAG 5066, S'4538 ALE and ACP 127, as well as e-mail, and it provides gateways to ensure message exchange between these format-specific networks.

For satellite communication, it also provides national protocols supporting satellite operators such as GlobalStar, Inmarsat and Iridium aside from special environments such as X-Band.

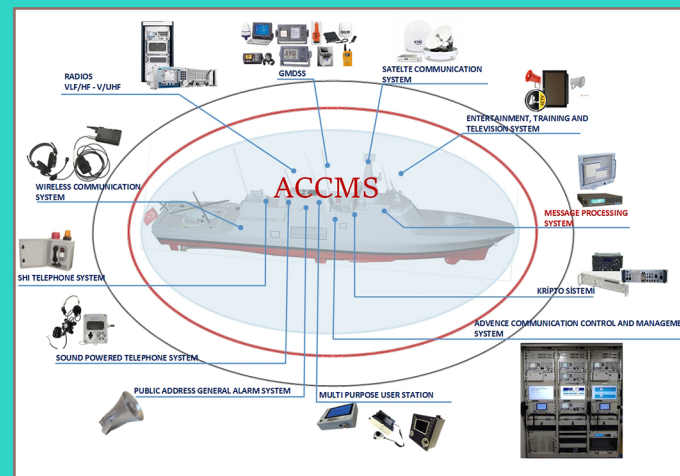
Additionally, it also includes assistance application enabling operators to calculate necessary parameters required for message transmission

S-AMPS was developed to present infrastructure as a modern solution which is compatible with current systems.



## Benefits

- **High-Availability:** Two or more S-AMPS server hosts are able to operate together redundantly as master and backup. The backup system is automatically activated in the event of a collapse of the main system.
- **Single Message Box:** A user's all messages that come from different sources, such as X.400, HMTTP, SMTP, and ACP 127 can be reached from a single mail box.
- **Broadcast and EMCON mode support** as an alternative to STANAG 5066 compatible mode



## Capabilities

- Message transmission compatible with ACP 127 standard can be achieved via RATT channels in accordance with an intended configuration.
- Data Link Protocol compatible with STANAG 5066
- Address and user information is stored within a hierarchical directory.
- Character-Oriented Serial Stream (COSS) Client
- HF MAIL - HF Mail Transfer Protocol
- CFTP - Compressed File Transport Protocol
- HFCHAT
- Adaptive Data Rate and Frequency Change
- Monitoring and controlling STANAG 5066
- Interoperability with other STANAG5066 solutions (SAMMS, Harris, R&S, BFEM66, Selex MDH, etc...)
- VoHF – Voice Over HF; Provides secure voice message transmission through low-speed connections.MELP and 1600 bit Codec2 at 600, 1200, 2400 bit/s speeds.Resending and recording messages, VOX features.

## Basic Features

1. Simultaneous message sending and receiving on multiple channels.
2. Archiving and Backup.
3. Sharing common data with other users.
4. Multi-user support.
5. Half-duplex, simplex and full-duplex operation.
6. Continuous messaging environment.
7. Strong, modular and dynamic infrastructure.
8. Secure data transfer within local network due to being IP based system.