

Don't Stray, Keep Up With The Current



Fast, Secure, Reliable and
Uninterrupted Military
Messaging Solutions



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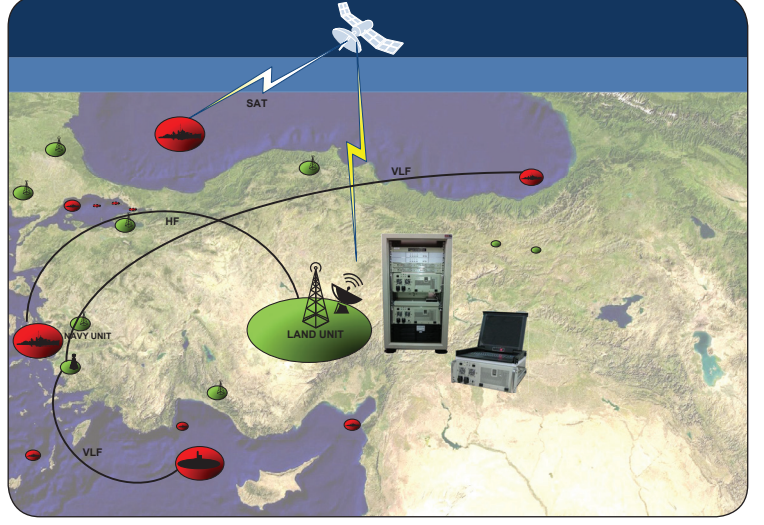
 **Koç**
Koç Bilgi ve Savunma Teknolojileri A.Ş.

Koç Information and Defence Technologies Inc. (KBS) has presented MHS solutions for use on-board new generation national ships and delivered 47 message terminals based on MHS solutions to Turkish Navy.

Message Handling System (MHS), provides fast, reliable, secure and uninterrupted Ship/Ship and Ship/Shore communication over RATT cycles, in ACP 127 and X.400 formats (STANAG 4406 Edition 2 Annex E), in compliance with STANAG 5066 Version 1.2 as well as listening to broadcast cycles.

MHS facilitates the preparation, transmitting & receiving, previewing, conversion, processing, archiving, printing and reporting of ACP 127 and X.400 messages.

In order to provide individual solutions aligned with the clients' needs, MHS Solution covers the analysis, design, installation, integration and test activities, operator / instructor trainings in addition to guarantee and maintenance services.



SYSTEM SPECIFICATIONS

- ARQ (Automatic Repeat reQuest) supported by DRC (Data Rate Change) and NRQ (Non Automatic Repeat reQuest) message exchange, as stated in STANAG 5066 Version 1.2
- Message exchange in tactical field X.400 format, described in X.400 STANAG 4406 Edition 2 Annex E
- Message exchange with all communication systems utilizing RS-232 standard
- Fully compliant with BRASS (BRoadcast And Ship/Shore) system
- Flexible and extendable server-client architecture
- Highly redundant and accessible architecture with real time replication and redundant hardware
- Compliant with National and NATO ACP 127 message formats
- Compliant with National and NATO cryptographic equipment
- Independently configurable data channels with Simplex, Halfduplex, Duplex operation modes
- Easy integration with other system (terminals, teletypes, printers, etc.)
- Independent selection of user interface and message format languages
- English and Turkish language options
- Hierarchical and functional authorization
- Options to store backups on local or removable media
- Error free design that warns the user to take corrective action in the occurrence of errors
- Advanced search and reporting interfaces
- Interfaces compliant with MIL-STD-1472E (Human Engineering Design Criteria for Military Systems, Equipment and Facilities) Section 5
- Rugged hardware design which satisfies the MIL-STD-810F environmental tests and engineering rules
- Hardware structure that satisfies the MIL-STD 461E Table V Electromagnetic Interference and Compatibility conditions

Üniversiteler Mah. İhsan
Doğramacı Bulvarı No:17/B 06800
ODTÜ Kampüsü-Ankara/ TÜRKİYE

Phone +90(312) 218 89 00
Fax +90(312) 218 89 90

info@kocsavunma.com.tr

Ünalın Mah. Ayazma Cad.
Çamlıca İş Merkezi B3 Blok 34700
Üsküdar İstanbul/ TÜRKİYE

Phone +90(216) 556 11 00
Fax +90(216) 556 11 88

www.kocsavunma.com.tr