THALES

THE MOST COMPLETE, RELIABLE AND SCALABLE AMHS SOLUTION

▷ 27 operational sites: proven and trustable solution
▷ Significant experience in strategy and follow-up of AMHS migration
▷ Operational international and national AMHS links
▷ System with highest number of international operational link
▷ Embedded X.500 Directory, automatically filled with AMC data
▷ AMHS APIs for connection with external ATM systems
▷ ICAO and Eurocontrol Standards compliant and key participation in ICAO planning groups

AEROSPACE

TopSky - AMHS
Aeronautical Message Handling System

TopSky - AMHS
Aeronautical Message Handling System

CHARACTERISTICS

KEY FEATURES

- Web based AMHS user agent
- Unified and configurable HMI:
  - Simplified and quick access to all functionalities
  - Graphical and geographic network monitoring
  - Administration of all modules from a single HMI
- Advanced routing filters and lines monitoring facilities
- Scalable connectivity: ATN, "IP V4/V6, X25, email, PSTN, TELEX, telegraphic lines, asynchronous lines
- Gateways: AFTN/AMHS, email, WMO, SITA
- Embedded X500 directory including AMC management features, shared by AFTN/AMHS Gateway, AMHS switch and AMHS user agent

STANDARDS COMPLIANCE

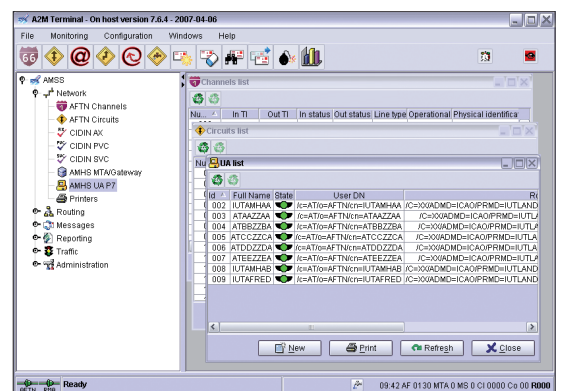ICAO, EUR AMHS Manual, EUROCONTROL Community Specification

SYSTEM ARCHITECTURE

- High availability cluster - real time replication of traffic data between cluster server units
- Redundant Ethernet LAN, assuring system availability in case of one LAN failure
- Secured logging of messages switched
- Virtualized operational solution
- Adaptable to all customer configurations:
  - Single site or multi-site installation
  - Disaster and recovery configuration

AMHS MIGRATION EXPERTISE

- Successful international interoperability tests including ATN Network
- Full support for domestic migration to AMHS, field proven implementations since 2005
- Active participation to the ICAO Planning Groups

WORLDWIDE REFERENCES

27 SITES WORLDWIDE

ASIA PACIFIC CENTRAL ASIA

BRUNEI
HONG-KONG
INDIA
LAOS
MYANMAR
TAIWAN
TURKMENISTAN

EUROPE

AUSTRIA,
BULGARIA (MOD)
CYPRUS
GREECE
PORTUGAL
ROMANIA
SLOVENIA

MIDDLE EAST

AFGHANISTAN
ABU DHABI
BAHRAIN
LEBANON

THE AMERICAS

BOLIVIA
CHILE
ECUADOR
PANAMA
MEXICO

AFRICA

ALGERIA
KENYA
SOUTH AFRICA
SUDAN

AUSTRALIA

Thales Australia Limited
The Thales Australia Centre
WTC Northbank Wharf
Melbourne, VIC 3005
Tel. +61 (0)3 8630 4000

FRANCE

Thales Air Systems SAS
3, avenue Charles Lindbergh
BP 20351
94628 Rungis cedex
Tel. +33 (0)1 79 61 40 00

GERMANY

Thales Electronic Systems GmbH
Thalesplatz 1
71254 Ditzingen
Tel. +49 (0) 7156 353 28151

ITALY

Thales Italia S.p.A.
Via E. Mattei, No.1
20064 Gorgonzola (MI)
Tel. +39 02 950 951

UNITED KINGDOM

Thales ATM Limited
Minerva building,
Manor Royal Crawley,
West Sussex RH10 9HA
Tel. +44 208 391 – 6277

USA

Thales ATM
2733 South Crystal Drive
Suite 1200
Arlington, VA 22202
Tel. +1 703 838 9685

For more information: marketingatm@thalesgroup.com