



ubitech
ubimex 6
 AMHS System

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+ EXPERIENCE THE FUTURE TODAY

The future of ATS messaging is AMHS, and it can be realized today through the use of the **Ubimex 6** AMHS system. Designed as a native X.400 based system and compliant with ICAO SARPs, it is the latest release of Ubitech's field-proven ATS messaging technology.

With the **Ubimex 6**, experience the benefits of AMHS messaging designed by Ubitech:

- High performance (150,000+ Msgs/Hr)
- Unrivalled reliability & availability
- Adaptive message routing
- Integrated AMHS/AFTN messaging
- X.500 directory services (DAP, LDAP, & DSP)
- End-to-End message delivery acknowledgments
- Message attachments
- Unlimited message sizes
- Message archival with powerful search engine
- Security (X.509 digital signature & Public Key Infrastructure)

+ X.400 ARCHITECTURE

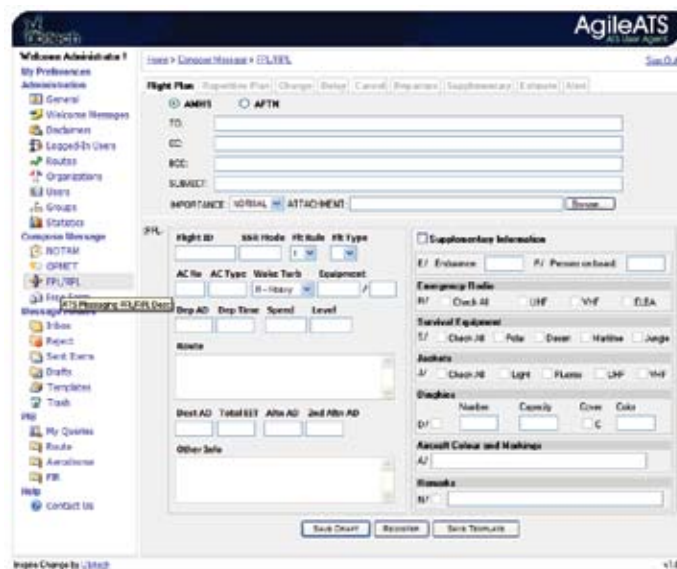
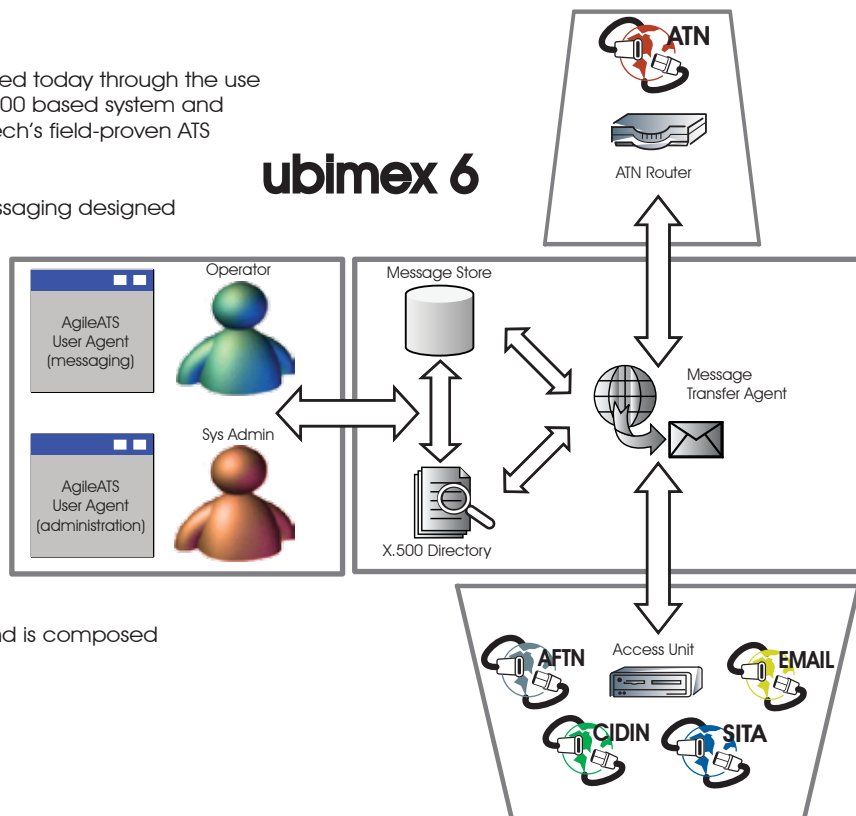
The **Ubimex 6** is designed with true X.400 architecture and is composed of the following modules:

- Message Transfer Agent (MTA)
- Message Store (MS)
- X.500 Directory Services (DS)
- Access Units (Gateways to AFTN, CIDIN, SITA, & Email)
- User Agent (Ubitech AgileATS)

+ UBIQUITOUS COMPATIBILITY

With Access Units, the **Ubimex 6** maintains compatibility to non X.400 circuits and systems. All messages are normalized to X.400 format within the **Ubimex 6**, but are seamlessly converted to the correct message format during transmission.

- AFTN
- NADIN
- Email
- CIDIN
- SITA
- Fax

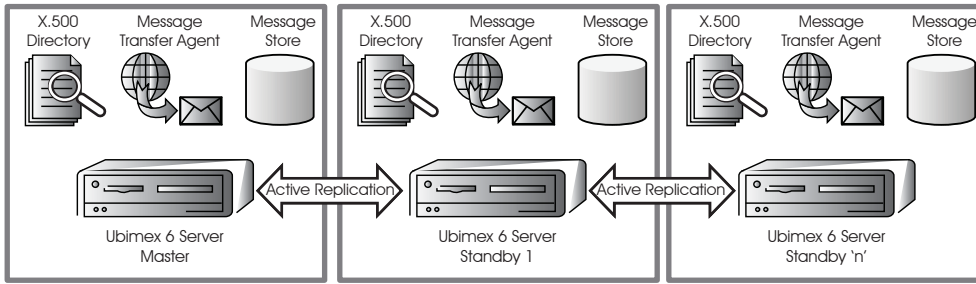


AMHS message template for FPL message

+ MAINTENANCE FREE

The **Ubimex 6** is designed for 24/7 operation with fault tolerance built into hardware and software. It's 99.9998% availability rating means it will never fail and it requires little or no system management resources.

- Predictive failure analysis
- Automated preventative action
- Multiple-Chain architecture
- Independent & identical Message Stores
- Simultaneous message processing
- Multi-point active replication
- Software process auto-recovery



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AMHS message template for NOTAM message

+ EXPANDABILITY & FLEXIBILITY

Designed for tomorrow's requirements rather than today's, the **Ubimex 6** will continue to out-perform in the face of:

- Increased message traffic
- Larger message sizes
- Higher line speeds
- More users
- Integration with more complex external systems

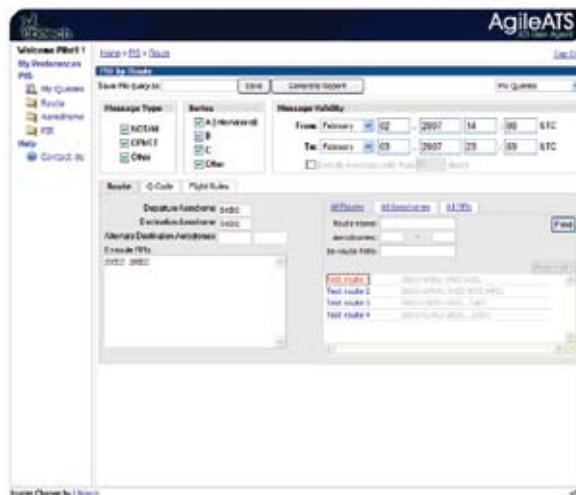
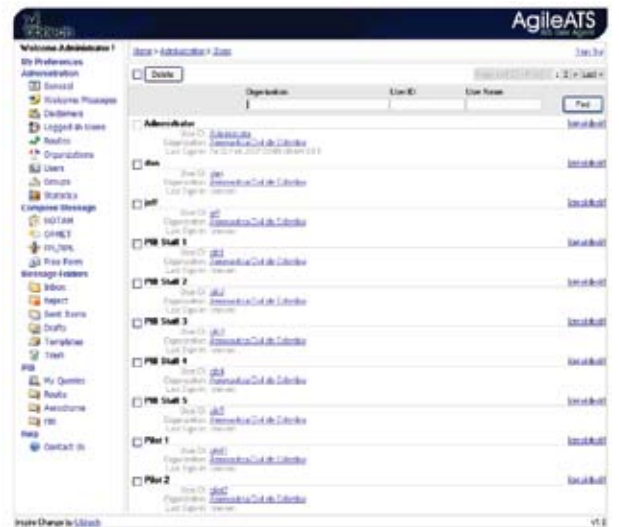
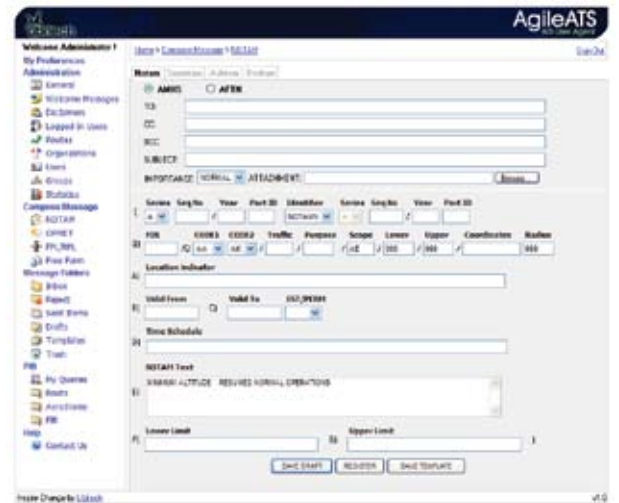
The modular architecture and use of COTS hardware & software ensures that the **Ubimex 6** can adapt to any operational environment:

- Unlimited number of external connections
- Unlimited number of User Agents
- Unlimited archive size and retention period

+ AgileATS USER AGENT

User functionality is provided by Ubitech's ground-breaking HMI platform called the AgileATS User Agent. This is a powerful web-based tool that allows users to perform all the functions required to operate an ATS messaging system.

- ATS Messaging
 - Integrated AMHS & AFTN messaging
 - Pre-defined message templates for all types of ATS messages
 - Binary message attachments (AMHS)
 - Alias addressing & distribution lists
 - Address lookup via X.500 directory
 - Syntax & semantic validation of all inputs
 - Autocompletion of common entries
 - Generation of pre-flight information briefings (PIBs)
- System Administration
 - User Management
 - Organizations, Groups, Users
 - Access rights & privileges
 - Configuration (Routes, Queries, etc.)
 - System statistics & reporting
 - System monitoring
 - Network configuration
 - Alerts & alarms
 - Diagnostic tools



Form for the generation of a Pre-Flight Information Bulletin

User management through the AgileATS interface

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