




ubitech
AgileATS
ATS User Agent

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+ USER AGENTS ARE FOR USERS

Ubitech believes that a User Agent should be designed for the Users. This concept, so often ignored in the aeronautical industry, represents the added value of using the **AgileATS** User Agent over any other brand.

What does **AgileATS** offer to users?

- Single interface to perform all of the following tasks:
 - AMHS & AFTN messaging
 - Interaction with the dynamic AIS database (NOTAM, OPMET, FPL)
 - Management of Static AIS data
 - Generation of Pre-Flight Information Bulletins (PIB)
 - System administration & monitoring
- User-Profile determined functionality & authorization
- User-personalized interfaces & preferences
- Multilingual displays
- Streamlined interactions minimizes the number of actions needed to conduct a task
- Platform independent (Runs on Windows, Linux, Unix, Mac O/S, etc.)
- No client-side runtime applications
- Simple to update & deploy

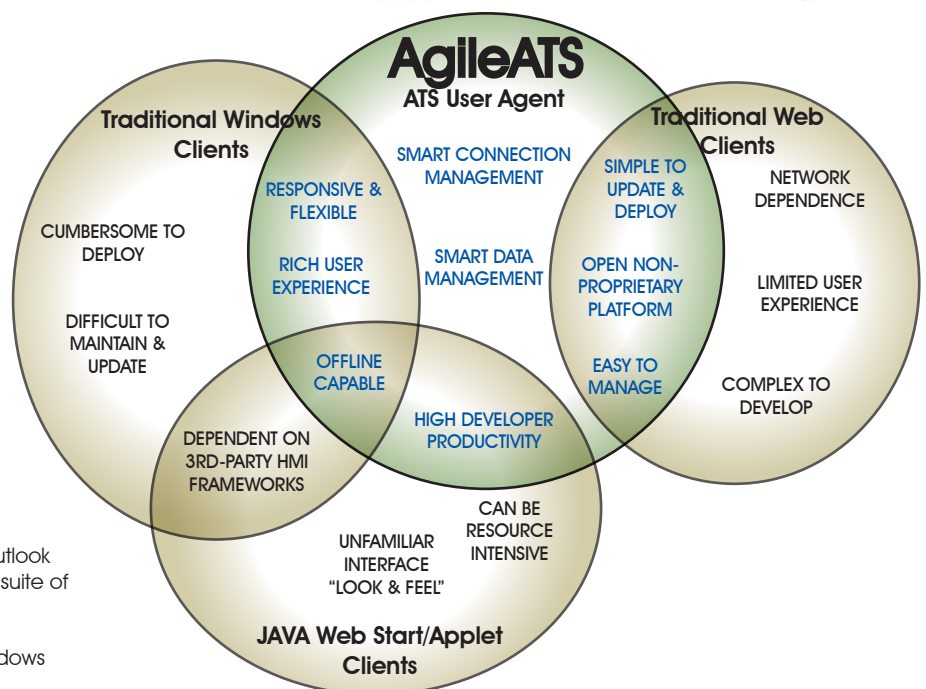


+ THE AgileATS ADVANTAGE

The key point of differentiation is that **AgileATS** offers end-users a familiar, easy-to-use, predictable, and attractive web interface that possesses all the benefits of its thicker client counterparts (Java Web Clients/Traditional Windows Clients) while retaining the independence, ease of maintenance, and native browser "look-and-feel" of Traditional Web Clients (i.e. "thin-clients").

- Employs the latest AJAX web techniques (Asynchronous JavaScript and XML)
- Unlimited user expandability
- Centralized point of management
- No proprietary 3rd-party dependencies
- Works with any web-browser under any O/S
- Familiar, intuitive, easy-to-use interface

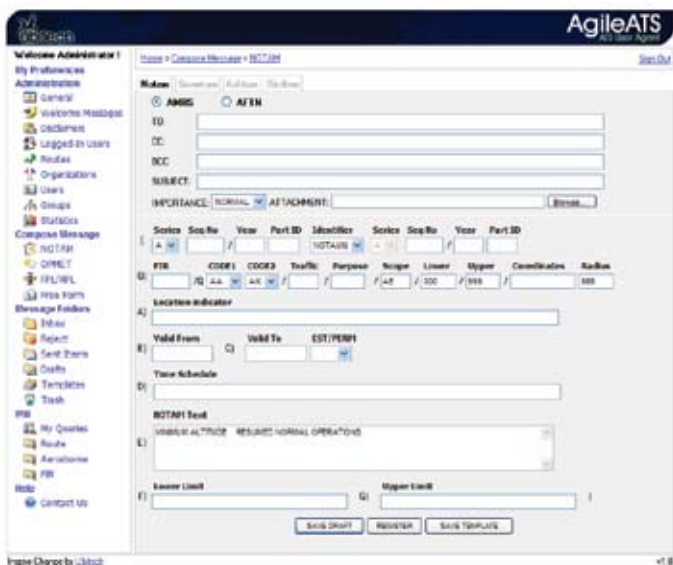
AJAX is the same technology used for Microsoft's Outlook Web Access & SharePoint as well as Google's entire suite of web applications (GMail, Google Maps, etc.). This technology is better suited to AIS applications than 3rd-party frameworks such as Java Web Start or Windows Clients.



+ AMHS & AFTN MESSAGING

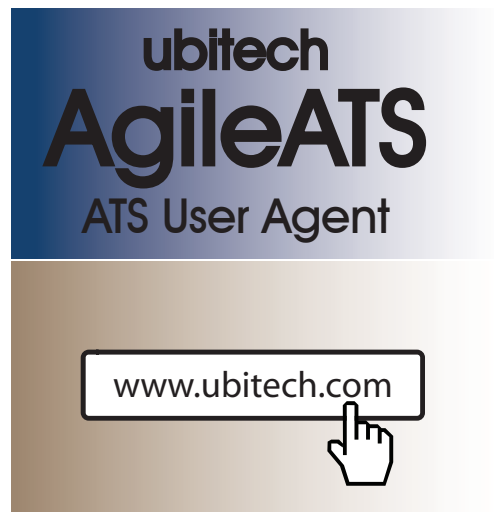
AgileATS allows the user to send & receive both AMHS & AFTN messages:

- Pre-defined message templates for all types of ATS messages
- Binary message attachments (AMHS)
- Alias addressing & distribution lists
- Address lookup via X.500 & LDAP directory services
- Syntax & Semantic validation of all inputs
- Autocompletion of common entries
- Integrated query tool for the dynamic AIS database



AMHS message template for NOTAM message

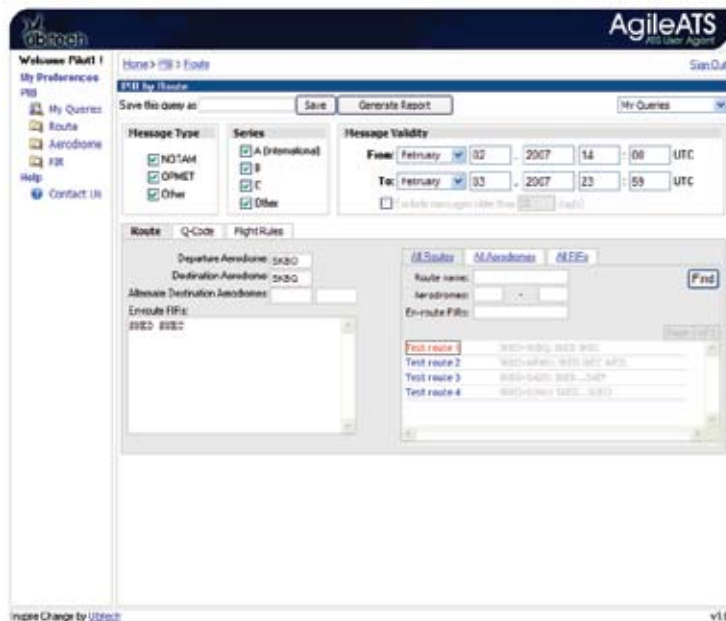
Form to generate a PIB by Route



+ PIB INTERFACE

AgileATS is a simple interface through which pilots can generate their own PIBs of consolidated NOTAM & OPMET information. It accesses the dynamic AIS database to return the NOTAM & OPMET information based on the user-driven query parameters.

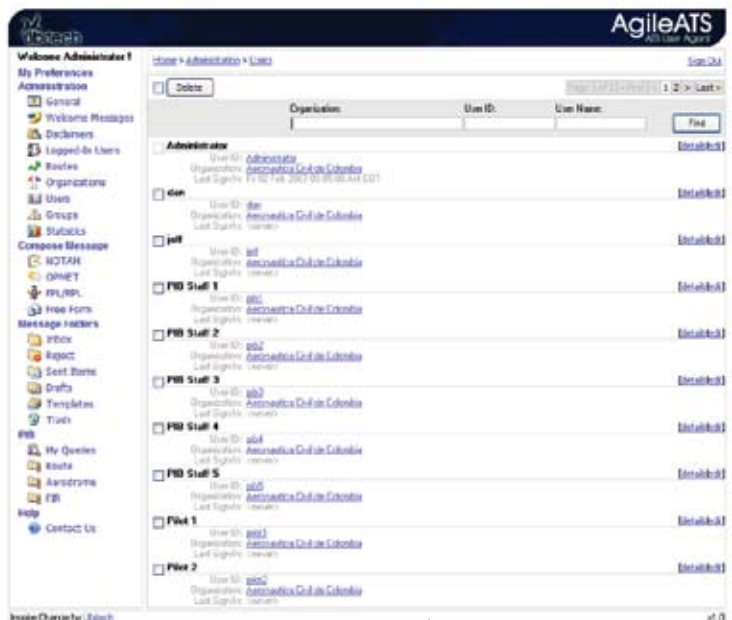
- Ad-hoc PIBs
 - One or more selected aerodromes
 - One or more selected FIRs
- Route PIBs
 - Pre-configured Route
 - Registered flight plans
 - Flight plans ready to be registered
 - Narrow route (requires static AIS database)
- Provides a web-portal to an eAIP if available



+ SYSTEM ADMINISTRATION

The AgileATS administration interface provides both tools for system configuration as well as overall system monitoring.

- User Management
 - Organizations, Groups, Users
 - Access Rights & Privileges
- Configuration (Routes, Queries, etc.)
- System statistics & reporting
- System monitoring
- Network configuration
- Alerts & alarms
- Diagnostic tools



List of Users and associated access rights & privileges

+ AgileATS SYSTEM ARCHITECTURE

The AgileATS application is centrally housed on a redundant set of web-servers. Client workstations are connected to the servers via an IP network and requires no additional software but a common web-browser.

- Any networked PC can securely access AgileATS
- Software updates only require the web-server to be updated
- No need for end-users to install software or runtime components
- No upper-limit on the number of supported users



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