



DEPARTURE ATIS

Hong Kong Departure Information AT TIME

Arrival Runway (INFO1)

(WS/URB)

(SUPPL1)

Wind Deg KT

VRB BTN AND Deg

MAX KT KT GUST KT

(PRESENT WEATHER) DEPARTURE ATIS

CLOUD

(ADV ON CHNG WX)

TEMPERATURE DEWPOINT QNH

(SIG MET INFO)

(TREND)

(SUPPL 2)

ACKNOWLEDGE INFORMATION ON FIRST CONTACT WITH

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ATIS

Automated Terminal Information System

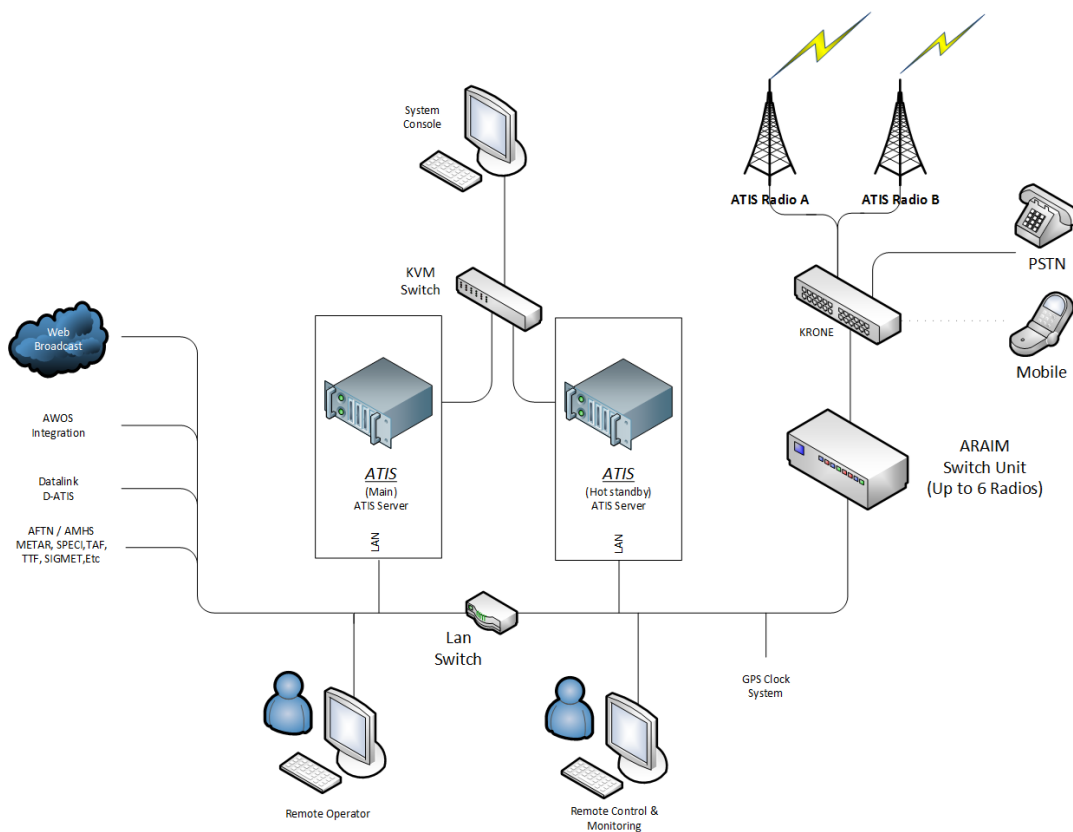
A scalable and highly reliable standards compliant ATIS Service.

Product Overview

An ATIS (Automatic Terminal Information System) is a mission critical ATC system to assist Air Traffic Controllers in the transmission of meteorological and operational information to pilots as they approach an airport.

The ATIS system comprises a server function, whose role is to communicate with outside systems and devices, such as MET data sources, Telephone lines, Radio transmitters and with the client workstations where the ATIS message is created. ATIS system users such as ATC personnel use client software interfaces to Initiate, Compose, Review and Publish ATIS messages.

The ATIS messages can be recorded via live human voice through a microphone or the text ATIS messages can be automatically digitally encoded into a sound broadcast file utilizing pre-recorded voice samples or the in-built TTS (Text to Speech) engine. The block diagram below shows the interaction of the typical components of the MTECH ATIS System:



The system reproduces either human or computer generated voice reports that both controllers and pilots can rely on. to provide consistent and reliable ATIS information 24/7/365.

The MTECH ATIS is a field proven product and can be deployed at smaller regional/ domestic level or larger commercial/military level airports right through to Tier 1 International Airport Hubs. The system architecture is flexible allowing customization to meet your needs and allows the setup of a single stand alone server or the option of a main and hot standby configuration.

Its robust algorithm and user friendly GUI has made the system reliable and consistent while easy to learn and operate.

System Features:

- Latest TTS technology for crystal clear and correct pronunciations in multiple languages, accents and also in male or female voices
- Scalable from a single desktop to Tier 1 International Airport Redundant System
- Automatically checks compliance with WMO & ICAO Annex 3, 10 & 11.
- METAR sequenced work-flows
- Templates for common message formats
- User level access security
- Automatic or manual data entry
- Quality assurance features including playback, edit and publish
- System monitoring and Maintenance Software Package (RCMS)
- Datalink D-ATIS Capability
- Usage and Statistics Reports
- Scalable SQL Database Server Foundation
- Microsoft Windows® Client & Server based system
- AFTN, ARINC, SITA, HTTP, PSTN, TCP-IP, VHF, HF, SMS Interfaces.

MTECH Systems can deliver an ATIS system tailored to meet your exact requirements. Contact MTECH Systems sales representatives to discuss how we can help you meet even the most demanding operational objectives.



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