COMBITECH

Automatic Terminal Information Service ATIS7

The ATIS7 system reduces the workload for air traffic controllers through a fully automatical transmission of weather and runway conditions for the airport, thus reducing initial Controller-Pilot radio contacts.

Enhanced safety and service

Information sharing is a key element for flight safety and pilot service. Providing distinct, timely and iterating information over the radio, the ATIS7 is a valuable addition to any airport.

ATIS7 can be integrated in our AWOS7 system without the need for extra hardware, but can also work as a stand-alone system.

ATIS7 integrated into the AWOS7 results in a very cost effective solution with optimum benefits in terms of ATIS automation, reliability, reduced maintenance and the best opportunity for future adaptations.

A voice that impresses

In cooperation with one of the leading developers of synthetic voices, we have integrated a synthetic speech solution to vocalize the ATIS messages with an authentic voice that is easy to read even in a noisy cockpit.

The synthetic voice can also be customized to pronounce certain words in the manner required by the customer.

Input sources

The MET REPORT/SPECIAL can be used as input data for the voice report and software configuration allows easy adaptation to specific airport conditions or national rules.

The ATIS7 receives MET REPORT/SPECIAL, Runway in use, Operational information and Transition level from our AWOS7 or from an external system supplied by a third party.
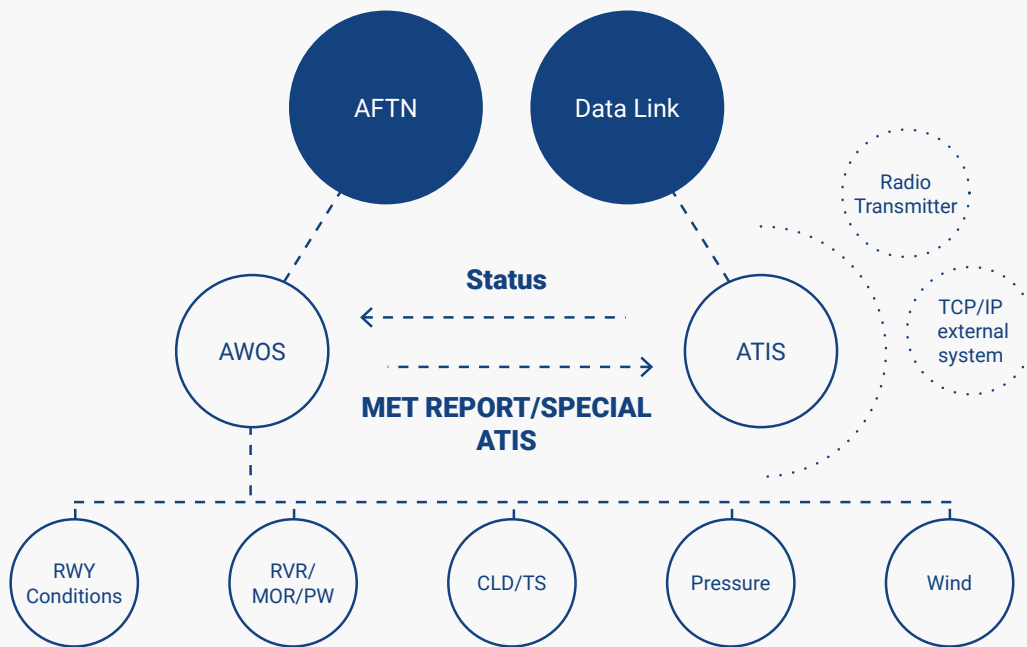
Supplementary data may also be entered through the text editor and the tab for operational information.

Fully automatic and configurable

In fully automatic mode, the ATIS7 operates without the need of user intervention.

Airport specific information can be added or changed by the operator at any time, without affecting the ongoing flow of messages.

The operator can listen to the current ATIS message and can also playback a new message for verification prior to broadcasting.

D-ATIS

The ATIS7 can be interfaced with any data link provider in order to broadcast D-ATIS.

Meeting the standards

ATIS7 is developed in accordance with ICAO, EASA, Eurocontrol and WMO regulations. It follows the software development guidelines from Radio Technical Commission for Aeronautics, European Organisation for Civil Aviation Equipment, and Eurocontrol Safety Regulatory Requirements.

Feature highlights

- Low life cycle costs
- Fully automated data import and message output
- Superior voice quality
- Automatic data validation
- Automatic logging of system changes, logins etc.
- Support for voice settings, reading speed, male/female, tuning of the voice clarity for radio

- The operator can bypass ordinary automatic readout and read out a modified text with prior checking, also during operational service
- User-friendly and configurable
- Very reliable system solution
- System monitoring
- Attended or unattended operation
- Stand-alone system or integrated with AWOS7 (Automated Weather Observation System)

Hardware

- Standard PC units or redundant server
- Single or dual Ethernet LAN

Input of data

- Manual input of data
- Data from AWOS7 system and other AWOS system

ATIS output

- Audio
- Data link
- VoIP