Weather will impact your airport operations. You can prepare for weather events and lessen their impact on equipment and lives by having access to reliable, accurate and timely weather information at your fingertips. AWI MetObserver is the gateway to providing you with the critical weather information you need for quick decision making all on one screen.

The AWI MetObserver is a powerful client-server system with a customizable, all-inclusive interface that enables practical use of meteorological data collected by the AWI AWOS. The extensive store of information collected is available for display, retrieval and editing at a single location. Fully customizable report parameters, meteorological alarm thresholds, manual observations and user access levels make the MetObserver software fully suited to the unique needs and security requirements of each airport.

**Multiple Views**

**The Tower Display**
Present a view of weather parameters of interest to Tower operations, including a graphic display of wind conditions at both runways.

**The Met Station Display**
A text-only display showing data fields of interest to Met operations, including multiple averaging periods.

**The Diagnostic Display**
Used by maintenance personnel to maintain and troubleshoot the system. This display provides a comprehensive view of system, sensor status and data quality.
Fully Configurable
The intuitive AWI MetObserver interface provides direct configuration control through user-friendly dialogs and menus. Select output formats, set meteorological alarm thresholds, configure reports, set sensor constants, view detailed system status and control data log storage.

Comprehensive and Compatible Reports
Complete system logs and reports including METAR, SPECI, SYNOP, MET Report, SPECIAL MET Report, AIRMET, TAF, SIGMET, BUFR, CREAL and local reports can be automatically or manually generated and edited by the user. AWI MetObserver is fully compatible with IA-5 Alphabet, AFTN and other communication protocols. It meets or exceeds ICAO recommendations and FAA and WMO requirements for weather reporting.

Accessible History
Review, print and export complete system history, including transmitted reports, generated alarms and data logs. Create graphs from exported data.

Detailed System Status
Use the Diagnostic View to monitor sensor and system operation. Detailed status information is broken out into its component parts, eliminating the need to decode cryptic status messages. Easily isolate existing and potential system problems.

Versatile Output
The AWI MetObserver data can be voiced over VHF radio, NDB or VOR frequencies as well as accessed via dial-up telephone.

Total Integration
AWI MetObserver can be installed and run simultaneously on multiple display terminals and workstations. AWI MetObserver can be integrated with the AWI IDS and AWI ATIS.

Definable Users and Groups and Built-in Security
Access to AWI MetObserver data and to configuration options is fully controlled by a single Administrator who can control in detail the level of access and control available to all users, create custom Users and Groups to allow or restrict access to specific areas of the software. Unwanted access is prevented through the use of encrypted passwords and multi-level security.

Remote Maintenance Monitoring
The AWI MetObserver provides full Remote Maintenance Monitoring (RMM) capabilities. This allows maintenance personnel access to the AWOS remotely providing diagnostic and repair capabilities. It also enables All Weather Inc to provide remote diagnostic services to customers around the world as requested. Access to the RMM capability is protected by password to prevent unauthorized access.

Contact an AWI consultant for information on AWI MetObserver for your airport.

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