

# AWOS

## AUTOMATIC WEATHER OBSERVATION SYSTEM

AWOS is a system for collection, handling, presentation and editing of meteorological information. AWOS can automatically issue MET REPORT/SPECIAL, METAR/SPECI and SYNOP, based on local MET sensors.

### SENSOR INDEPENDENT

AWOS can operate fully automated at e.g. remote helicopter sites or can be operated semi-automatic in e.g. a MET office.

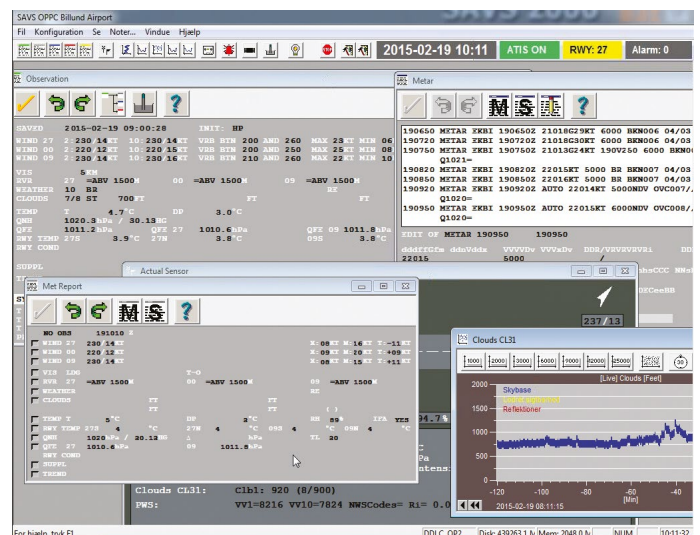
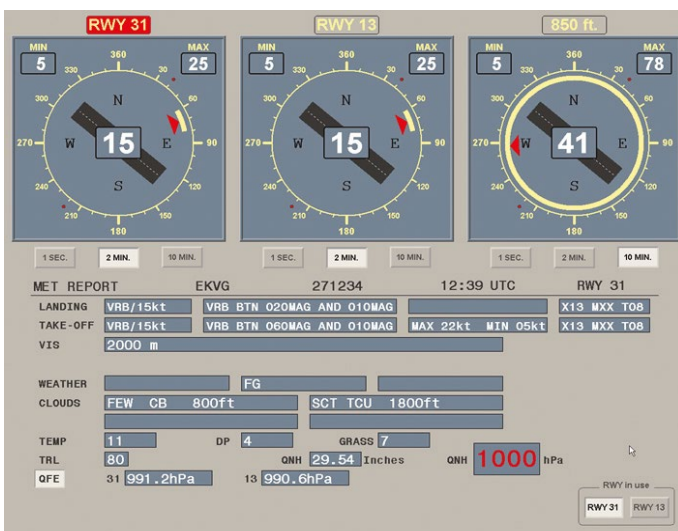
Due to the unique and flexible design, AWOS is sensor independent. It operates with the airport's current sensors, which can easily be upgraded. The system can interface to most meteorological sensors, including Vaisala and All-Weather.

### UNIQUE OBSERVATION PRINCIPLE

AWOS is based on a unique observation principle, where the transmission of all reports is based on a meteorological central observation.

The central observation can be regarded as a kind of template which AWOS uses to create the individual reports according to the standards from a common source of data. Weather observers are allowed to edit the meteorological information at a central location, and thus making the changed data valid in all of the reports, rather than changing each report. Data received automatically from the sensors can be manually overruled if necessary.

AWOS has a specialized HMI for the air traffic controllers and for the weather observers. The HMI for weather observers contains meteorological reports and different real-time graphical displays of raw sensor data as well as calculated meteorological values.



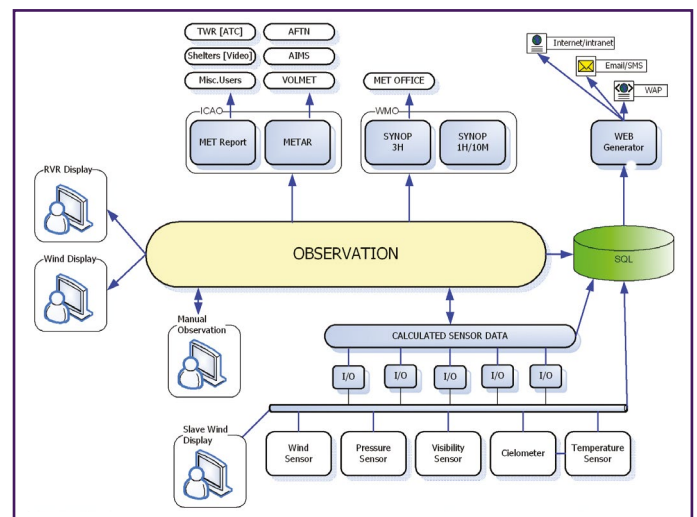
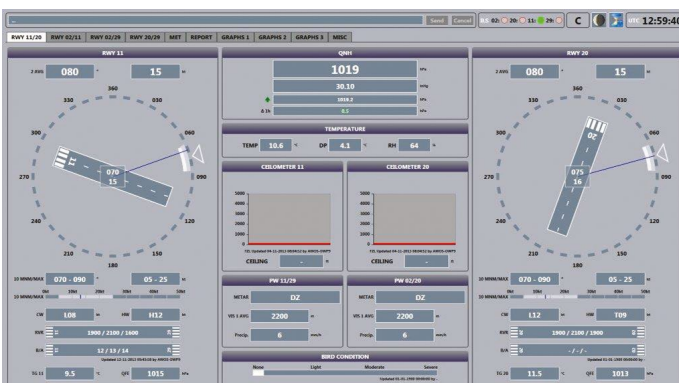
### CUSTOMER BENEFITS

- Automatic or semi-automatic
- Automatic observation and report generation
- Integrated ATIS function
- Interface for real-time integration with other systems
- Web based data display and information service
- Sensor type independent
- Automatic SPECI generation

### SYSTEM TECHNOLOGY

AWOS combines Windows technology and graphics HMI with a distributed network-oriented design. The software is based on one of our core products – our core software platform - a client/server software platform specially developed to airport automation and integrating information systems.

AWOS consists of a number of standard PCs, communicating through Ethernet. It is possible to have several computers of the same type in an AWOS system. This enhances operational safety as problems with a single computer do not inhibit use of the system.



### FURTHER INFORMATION

For further information or demonstration of AWOS, please contact our sales department.

### INERO SOFTWARE

Chr. M. Østergaards Vej 4A | DK-8700 Horsens  
 Tel: +45 7925 3300 | Fax: +45 7925 3313  
 isw\_info@inero.com | www.inerosoftware.com



### KIM FOGED

Head of ATM, Inero Software  
 kf@inero.com  
 +45 20 98 99 56

**"INNOVATION IS THE ESSENCE  
 DEDICATION MAKES THE DIFFERENCE"**