



SAAB



METEOROLOGICAL DISPLAY SYSTEM METVIEW

As air traffic increases, so does the workload for both air traffic controllers and airport operations personnel. With it comes a greater need for easily accessible weather information. At the same time the number of displays in the TWR is reaching its limit. The Saab MetView improves efficiency and safety, and frees space, while creating a single access point for weather information.

Overview

MetView provides an immediate and complete overview of weather conditions. The displayed information can be configured easily for different operational needs.

The user interface is developed in close co-operation with controllers, resulting in a logical and intuitive presentation of meteorological data.

Configurable user interface

The Saab AWOS system distributes all necessary meteorological information to the MetView system, from statistical to real-time data collected from every meteorological sensor at the airport.

MetView can be configured by the system administrator to present just the meteorological information needed at each work station. Fonts, colours and position for essential data such as visibility and QNH can be adapted to required operational needs, making it easier for the user to focus on frequently used data.

Clear presentation

To enhance operational safety, meteorological information from the runway in use is automatically highlighted. With the tabs in MetView, the user can easily switch between runways or weather information from predetermined airports.

The runway can be orientated on the display as seen from the TWR, and all background colours can have configurable presets for day or night to give best readability.

Freeing valuable space

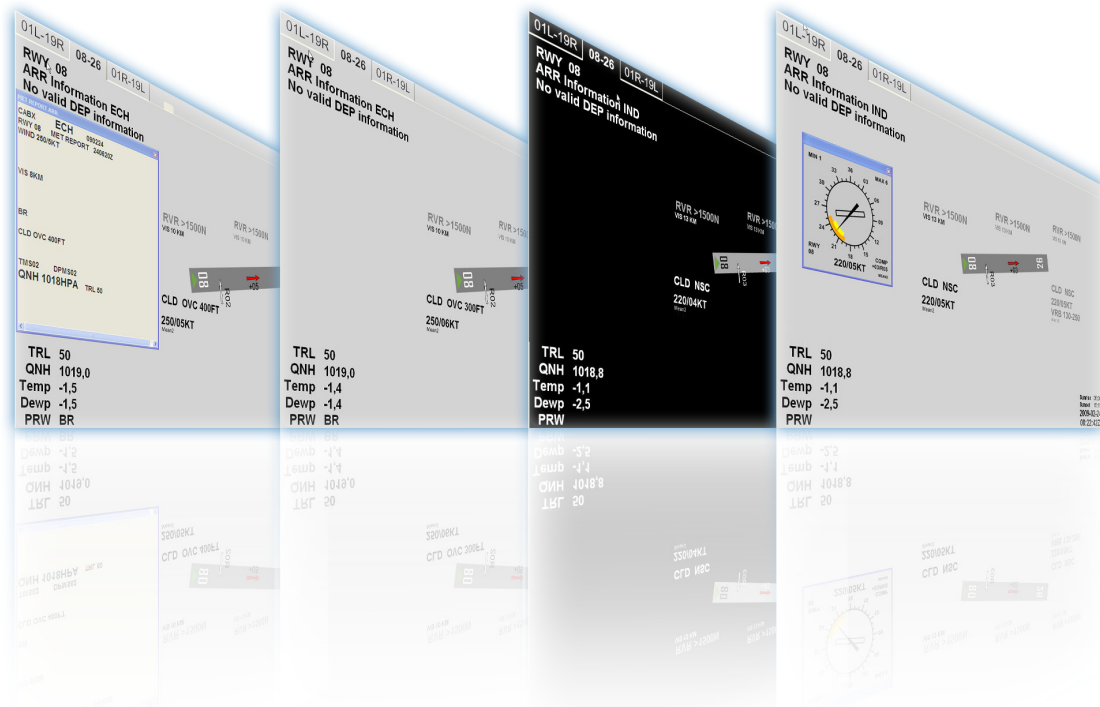
MetView can advantageously be used with a touch display to free space that would otherwise be occupied by a keyboard and pointing device. With MetView, displays as small as 10" can be used without compromising the quality of its presentation, even if the display space is limited. We recommend 15-19" displays, providing more flexibility to adapt the HMI to suit operational needs.

Flexible use of all your systems

MetView can be used in addition to the Saab AWOS system, with the controller deciding what real-time information to display, such as thunderstorm warnings and weather data for alternative airports during severe weather conditions, etc.



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CERTIFICATIONS

- Approved by Flight Inspections in Sweden and Norway

VERSIONS

- Stand alone system
- Integrated with AWOS (Automated Weather Observation System) or IRIS (Combined weather and AIS system)
- When integrated in AWOS or IRIS, dual head graphic cards can be used, eliminating the need for a separate PC for MetView

HARDWARE

- Standard PC
- Ordinary displays or touch displays

NETWORK

- Ethernet LAN

SYSTEM DESIGN

- XML

FEATURE HIGHLIGHTS

- Superior overview of weather conditions
- Multiple runway support
- Multiple airport support
- Easier publishing of weather information for pilots, apron, etc.
- Reduced need for space for the equipment
- User-friendly
- Customizable user interface
- Very reliable system solution

DISPLAYED INFORMATION

- Air pressure QNH/QFE
- Air temperature
- Dew point temperature
- Runway temperature
- Wind speed and direction
- Visibility and RVR
- Cloud information
- Runway direction and runway in use
- Thunderstorm warning
- Wind components for runway in use
- TRL
- Date and time (UTC)
- MET REPORT/SPECIAL
- METAR/SPECI
- Breaking action
- Runway status
- Sunrise time
- Sunset time

Specifications subject to change without notice

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