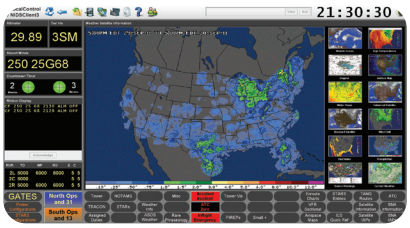
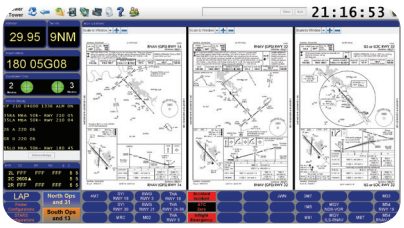
allweatherinc
An ADB SAFEGATE Company

# INTEGRATED DISPLAY SYSTEM (IDS)

## NEXT GENERATION AIR TRAFFIC MANAGEMENT








AWI IDS is All Weather, Inc.'s (AWI) latest generation of Integrated Display Systems (IDS) designed for air traffic controllers and other critical decision makers in the ATC environment. Prior to integrated display systems, numerous individual display heads wer e required for weather, traffic, and surveillance data. AWI IDS graphically displays and integrates all of your ATC products onto one single system. The integration allows synergy between systems that was previously impossible, while lowering costs by eliminating the numerous display subsystems throughout your facilities. AWI IDS also includes complete monitoring and administration, all while providing platform flexibility that is inherent with our completely cross-platform package.

AWI IDS is a next-generation toolkit that provides real-time data collection and display dissemination. Using the display adaptation tool, AWI IDS also allows facilities to completely design and build display pages to suit their individual needs.

AWI IDS can run on a standalone computer, or on multiple computers in a LAN or LAN/WAN environment. It can display both static and dynamic data from any system that has a defined interface protocol. A touch screen friendly design allows movement between important data display screens with a single touch, while still allowing the use of all standard input devices.

Sectionals, en route charts, approach plates, surface analysis charts, real time radar, braking action displays, wake turbulence separation timers and a multitude of others, are all instantly available at the touch of a finger. AWI IDS is the most powerful knowledge management tool for air traffic controllers available today.

Any data source that has a definable interface can be integrated into the AWI IDS display system making it easy to combine data from various data sources.

### CLIENT

Client is a graphical user interface (GUI) that controllers use to access and disseminate information. It enables operators to view weather data, airport maps, runway maps, sector maps, aircraft displays, FAA orders, letters and procedures, as well as nearly any site defined data field.

### BUILDER

Builder is the building tool that enables creation, customization and testing of the AWI IDS display pages.

### MON

Mon is the real-time monitoring interface for AWI IDS. It is a complete Simple Network Monitoring Protocol (SNMP) based tool that receives alerts and statistical data from AWI IDS hosts and SNMP enabled devices in the AWI IDS system.

### ADMIN

Admin handles all application administration and configuration for the AWI IDS system. This one tool is used for fully configuring the entire AWI IDS environment. This enables system administrators to manage the entire AWI IDS network right from their own workstations.

## AWI IDS Data Flow

Data enters AWI IDS from weather systems or sensors, FAA organizations, or any other desirable data source with a defined interface.

The information is integrated and a single message is sent out to the entire AWI IDS network.

All systems receive the data that is then available for analysis and/or display instantly. Essentially every system on the AWI IDS network has all the current data all of the time.

AWI IDS operates in nearly any network environment and communicates via standard TCP/IP protocols. The network architecture is designed for uninterrupted operation with redundant servers and distributed processing to provide a highly dependable and stable integrated display system.

All Weather, Inc. is an ADB SAFEGATE Company
Contact an AWI consultant for information on the AWI IDS for your airport.
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