Custom Display Pages
Design your own look and feel
Point & Click property panels make modification easy
Plugable components provide unlimited customization options

Display Options
Single or Multiple Screens
Single or Multipoint Touch
Portrait or Landscape Modes
Multiple Sizes and Resolutions Available

Alert Generation
Visual Alerts including Font, Color, Flash, and Background
Audio Alerts with customizable sounds and looping options
Alert area notification with prioritization and navigation
Alert Builder supporting composite alert criteria
Alerts are customizable by user group

Available Interfaces
ASOS*  
AWOS*  
AWSS*  
DASI*  
FDIC*  
IRIG-B*  
NTP  
RBDT* (LLWAS, TDWR, WSP, etc.)  
RVR*  
SAWS*  
SWIM  
WARP  
WME*  
WTMD  
Internet Data Sources  
User Defined Products  

*FAA Certified

Visual Components
Elliptical, Rectangular, or Themed Buttons
Popup Menu Buttons
Lightning Gauge
Lightning Map
RBDT Display Head*
RVR Display Head*
WME Display Head*
Flight Strip Bay
Traffic Flow Summary
Ellipse, Line, and Rectangle Graphics
Embedded Page
Embedded Browser
Embedded Document
Embedded Images
Graphs
Tables
Boolean Widget
Braking Action
Compass
Meter
Text Labels, Areas, and Fields
Layered Map Viewer
Custom Search Databases

Supported Platforms
Microsoft Windows 7 (32 bit and 64 bit)  
Microsoft Windows Server 2008R2 (32 bit and 64 bit)  
Mac OS X  
Unix (Solaris, AIX, HP-UX)  
Linux (Red Hat, E*)  
Citrix XenServer  
Microsoft Hyper-V  
Thin Clients via RDP, ICA  
Tablets via Thick or Thin Client

Connectivity
Stand-alone or networked
LANs and WANs Supported
Wireless Support for both WLAN & WWAN
Integrates with Existing Networks

Administration
Customizable-Administration and Sub-Administration Levels
Manage the entire network from any workstation

Monitoring
Filter and acknowledge alerts
Monitor all devices, interfaces, & system in the FlexIDS network

Next Generation Air Traffic Management
Integrated Display System

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

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

FlexIDS data flow
1. Data enters FlexIDS from weather systems or sensors, FAA organizations, or any other desirable data source with a defined interface.
2. The information is integrated and a single message is sent out to the entire FlexIDS network.
3. All systems receive the data and is available for analysis and/or display instantly. Essentially every system on the FlexIDS network has all the current data all of the time.

With FlexBuilder, creating powerful, custom integrated displays is an easy task.

FlexClient 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.

FlexBuilder is the building tool that enables creation, customization and testing of the FlexIDS display pages.

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

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

FlexIDS operates in a 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.
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