

LEADS®

Leading Environmental Analysis & Display System



Tailored Solutions

LEADS® is a cutting-edge weather toolkit, that facilitates the ingest, integration, processing, storage, and visualization of virtually any type of meteorological/environmental data. **LEADS®** provides scalable, versatile weather solutions for forecasters, decision-makers and overall support applications within your business or country. **LEADS®** can be configured to run on a variety of hardware and operating system set-ups, allowing for the ingest and database of all available meteorological data, fusing of data, and automatic creation of a web-based product database of defined forecast products. These products can then be distributed with the full **LEADS®** Forecaster Workstation or using **LEADS®** On-Line to users and forecasters.

FEATURES

- ▶ Complete sets of weather data ingest, management, editing, and visualization tools
- ▶ **LEADS®** can be run manually, or configured to run scripts which generate and distribute weather products automatically, 24-7
- ▶ Large, diverse, and international customer base, both military and commercial, supporting constant software enhancements based on operational user feedback
- ▶ Experience in the industry; over 15 years arming businesses with a market-leading solution
- ▶ Generate and re-sell high-resolution weather graphics from your own **LEADS®** system
- ▶ Scalable **LEADS®** Forecaster Workstation functionality, specifically designed to deliver full forecast product sets via the web when bandwidth limitations exist.
- ▶ Integrated system monitoring and alerting tools
- ▶ Complete WMO/ICAO standard bulletin and chart creation tools
- ▶ Comprehensive user and administrator training programs, taught by weather professionals for weather professionals
- ▶ Robust alerting mechanisms, customized to organizational and user needs
- ▶ Multi-Layered Products
- ▶ Calculators & Functions
- ▶ High-Quality Graphics
- ▶ Symbols, Fronts, and Logos
- ▶ Automation
- ▶ Preference Settings & Permissions
- ▶ Cross-Platform Compatibility
- ▶ GTS & TTY Switch Integration
- ▶ International Language Support

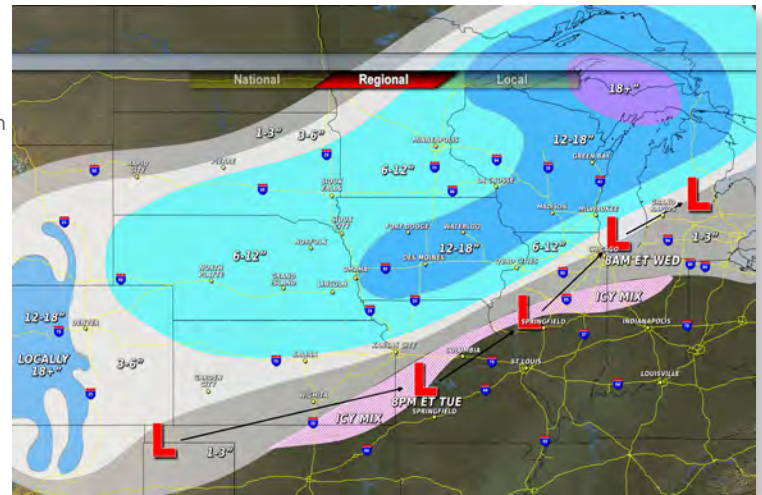
Advanced, scalable systems based on our powerful software deliver tailored, full-spectrum meteorological, hydrological and oceanic data synthesis, display and distribution solutions to provide real-time situational awareness & forecasting for decision support & emergency responders.

Capabilities

- ▶ Complete Data Integration
- ▶ Industry-Leading
- ▶ Graphics/Displays
- ▶ User Display Preferences
- ▶ Drawing Tools
- ▶ Manual/Automatic Product Generation
- ▶ Climatology Tools
- ▶ Hydrology Tools
- ▶ Oceanography Tools
- ▶ Alerting
- ▶ Enhanced Interrogation
- ▶ Calculators/Functions
- ▶ LEADS®NWP Lightning Upper Air
- ▶ Surface WMO/GTS
- ▶ AFTN/ATN Weather
- ▶ Satellite Weather
- ▶ RadarNOAAPort
- ▶ ISCS/SADIS
- ▶ WAFS/WIFS
- ▶ EUMETSAT Sensor
- ▶ Networks LEADS® LEADS®
- ▶ Workstation LEADS®
- ▶ On-Line LEADS®
- ▶ iGM® Professional Weather Data Integration & Visualization

Economical, Tailored, Scalable Solutions

- ▶ Flight Weather Briefings
- ▶ Media and Public Awareness
- ▶ Broadcast Television
- ▶ Energy/Commodities Trading
- ▶ Hydrological Applications
- ▶ Scientific Research
- ▶ Meteorological Operations
- ▶ Aviation Weather Support
- ▶ Maritime Forecasting
- ▶ Environmental Monitoring
- ▶ Agricultural Forecasting
- ▶ ATC Operations



Professional Weather Data Integration & Visualization

- ▶ Scalable Product Architecture
- ▶ Supports Worldwide Data Sets/Formats
- ▶ Diverse Applications
- ▶ High Definition Graphics Generation
- ▶ Seamless Product Distribution
- ▶ Tailored, Economical Solutions
- ▶ Custom System Integration
- ▶ Mobile Device Support

Applications

- ▶ Meteorology and Climatology
- ▶ Agrometeorology
- ▶ Natural Resources
- ▶ Oceanography
- ▶ Transportation
- ▶ Disaster Warning
- ▶ Water Level and Flow
- ▶ Water Quality
- ▶ Hydrology
- ▶ Air Quality and Visibility
- ▶ Geotechnical
- ▶ Structures
- ▶ Energy
- ▶ Precipitation
- ▶ Relative Humidity
- ▶ Soil Monitoring
- ▶ Solar
- ▶ Temperature