



# CampbellAero™

— AWOS SOFTWARE —



**Campbell**  
SCIENTIFIC®

## Feature-Rich, Reliable, and Scalable

Our CampbellAero™ software is the core of the CampbellAero Automated Weather Observing System (AWOS) solution, serving as both the intelligence and engine that drive the entire system. ICAO/WMO-compliant, CampbellAero software is highly configurable to meet the specific needs of airports of all sizes. As a true decision support system, various airport weather operations are supported through a browser-based interface, featuring advanced diagnostics, remote monitoring, and maintenance capabilities. CampbellAero provides real-time data and insights to support informed decision-making. These features ensure comprehensive support for all aspects of airport weather management, ultimately enhancing safety, efficiency, and overall operational performance.



- **Customized User Workspaces:** Dedicated workspaces for aviation personnel like air traffic controllers, forecasters, and technicians
- **Flexible Screen Layouts:** Single or multi-runway capabilities with adaptable layouts for airport workflows
- **Browser-Based Interface:** Specific hardware and software not needed, offering ease of use
- **Advanced Diagnostics and Monitoring:** Self-test and status monitoring with real-time user access
- **Security and Access Control:** Administrator-defined user groups and permission settings for enhanced security
- **Remote Monitoring and Maintenance:** Saves resources and increases uptime with remote diagnostics and redundancy switching
- **Redundant Servers:** On-premise default with compatibility for Linux or MS Windows OS
- **Future Upgrade Path:** Remote tower/regional hub capabilities available at competitive pricing
- **Scalable Solution:** Ability to grow with your airport, eliminating the need for full system replacements

## Features and Benefits

- **Regulatory Compliance:** Meets ICAO/WMO and regional aviation standards for safety-critical applications
- **Competitive Pricing:** Feature-rich software package at an attractive price
- **Airport-Specific Customization:** Tailored solutions managed by a professional project team
- **Intelligent System Integration:** Capable of integrating with systems like lightning detection and weather radar
- **Agnostic, Open-Sensor Platform:** Compatible with existing equipment, avoiding supplier dependency
- **Automatic/Semi-Automatic Modes:** Supports METAR/SPECI/METREPORT generation for seamless operation

