



*A fully autonomous, high quality VHF broadcasting solution that can be deployed alongside any remote runway, flight strip or helipad location to provide critical weather advisory services to airspace users*



### Complete VHF Solution

The full Starcaster RWAS solution consists of the required broadcast license, monitoring workstation, weather sensor and VHF transmitter to provide continuous weather advisory services



### Flexible Deployments

Built upon the industry leading StarCaster platform (D-ATIS/D-VOLMET), the flexible design of StarCaster RWAS enables it to be configured for deployment at any remote location to provide advisory services with high reliability



### Cost Effective

StarCaster RWAS is an efficient, cost effective COTS VHF broadcasting solution that provides hands-off operation under all environmental conditions at remote locations that are not operated by ATC Personnel

## Remote Weather Advisory Service (RWAS) Concept of Operations



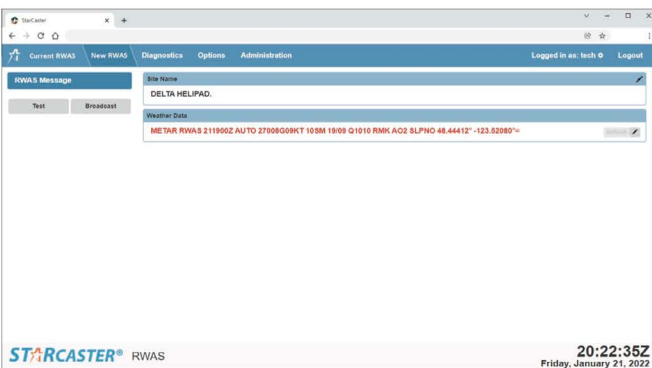
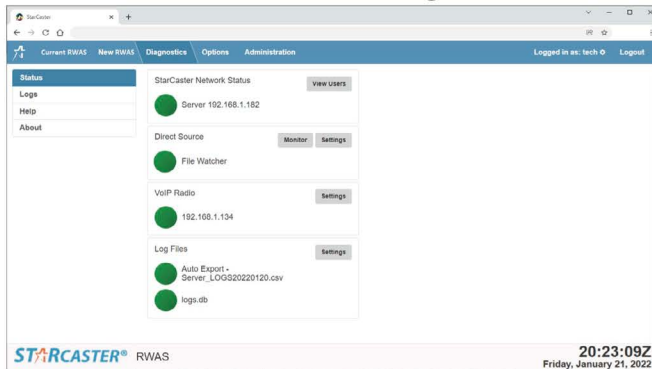


### StarCaster RWAS

- Self-contained, autonomous weather broadcasting system built to automatically broadcast weather information to airspace users in the highest quality of voice;
- Automatic conversion of weather data (For example, METARs) from its encoded format to English text for the inclusion in weather broadcasts;
- Transmission of the voice broadcast in continuous fashion to local VHF transmitter(s) using the communication protocol Voice-over-Internet-Protocol (VoIP) in compliance to EURCAE ED-137B Interoperability;
- For remote monitoring purposes, automatically logs weather data received, weather data errors, RWAS broadcast contents, and any technical errors;
- Commercial Off-The-Shelf (COTS) hardware platform.



### StarCaster RWAS Monitoring Interfaces



*StarCaster RWAS was designed specifically to provide a Remote Weather Advisory Service for airspace users accessing remote and unsupervised runway and helipad locations*

#### StarCaster RWAS Broadcast License

The RWAS broadcast license provides the capability to generate continuous RWAS voice broadcasts.

#### StarCaster RWAS Workstation Computer

The RWAS workstation computer provides remote access to system users to monitor the RWAS voice broadcasts.

#### Complete VHF Solution

The complete StarCaster RWAS solution includes the required weather sensor and VHF transmitter hardware components.

#### External Interface(s)

Depending on the customer's requirements, StarCaster RWAS is also able to interface directly with an existing weather sensor and VHF transmitter located at a remote airfield.