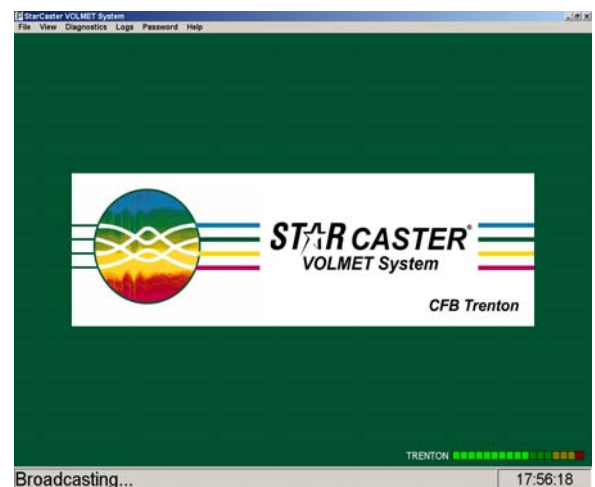


STARCaster® Automated Text-to-Speech VOLMET System

StarCaster® VOLMET is the definitive cost-efficient solution for handling automated VOLMET operations. It was designed to automatically download weather information in text format and convert the weather text into high quality voice output for broadcast to aircraft in flight. This PC-based, **fully automated** VOLMET system is **effortless to use**, and makes more efficient use of valuable labor resources since it **eliminates the need to perform labor-intensive live manual broadcasts**.

The StarCaster VOLMET system uses the previously proven StarCaster “speech concatenation” technology, STR’s Text-to-Speech (TTS) process that is becoming the TTS industry **benchmark for superior quality voice output**. The VOLMET system employs the StarCaster TTS technology to provide the **ultimate clear, natural voice**, essential for critical message broadcasting. The VOLMET broadcasts include ICAO recommended METAR, SPECI, TAF and SIGMET information.

StarCaster VOLMET decodes incoming weather data, converts it into expanded text and finally into a high quality natural voice ready for broadcast. Errors originating in the incoming data are flagged and optionally logged, and the operator is able to correct the error before broadcast if required. The operator can also perform a vocabulary search if missing words or errors are found.



The real benefits of the cost-effective StarCaster VOLMET system are dramatic increases in organizational efficiency and greater reliability and safety in VOLMET operations performed.

Key Features

- Complies with ICAO recommendations
- Flexible modular design
- Fully scalable – connectivity to Data link, future technologies
- Highest quality Text-to-Speech capability available using natural “speech concatenation” process
- Automatic validation of weather data errors
- Automatic decoding of weather data from text to speech
- Changeable speech rate
- Real-time processing of incoming data
- Playback, confirm and edit message prior to broadcasting, with vocabulary search of standard information
- 24x7 operation
- Bullet-proof reliability

Optional Features:

- Dual Hot-Standby operation
- Remote operator stations
- Uninterrupted Power Supply
- Manual interruption and input at any time
- Connection to GPS for time synchronization
- PTT control
- Rack mounted workstation
- Multiple audio output (for monitoring and routing to more than one transmitter)
- Remote alarm
- Printer
- Web-based interface
- Telephone access monitoring
- Manual text entry
- Manual recording

To find out how the StarCaster VOLMET System or StarCaster TTS technology can benefit your organization, visit www.speechtech.com and try out the interactive demos.