



The automated weather solution helped us in the long run. It provides real-time intelligence we need to make more informed weather-related decisions. And most importantly, it helps us plan for severe weather and improve our operational efficiency tremendously.



Mark Sprague,
C.M. Deputy Director of
Airport Operations and
Facilities, St. Pete-Clearwater
International Airport



PROTECT GROUND & MAINTENANCE CREWS, EQUIPMENT, AND FACILITIES FROM SEVERE WEATHER

Weather impacts airport operations every day. Get ahead of the storm with advanced weather tracking, alerting, and forecasting solutions.

OVERVIEW

Get safely off the ground with Earth Networks. We support safe ground operations from the tarmac to the maintenance hangar with:

- ▶ Outdoor lightning siren and strobes
- ▶ Multi-channel severe weather alerts
- ▶ Automated countdown clocks
- ▶ Weather-tracking dashboard
- ▶ Fully-staffed team of meteorologists
- ▶ Custom forecasts and threat assessments

BENEFITS



Minimize downtime and delays with automated alerts and all-clears to keep operations running smoothly



Get ahead of icing events with weather tracking and alerting that let you know to start de-icing procedures



Prepare for diversions by keeping an eye on the weather threats impacting nearby airports



Meet staffing needs when weather delays lead to crew time-outs and a backlog of work

AUTOMATED LIGHTNING ALERTING

Automatically notify ground crews, operations teams, and maintenance workers when lightning is detected near the airport with the Sferic Siren system.



KEY FEATURES:

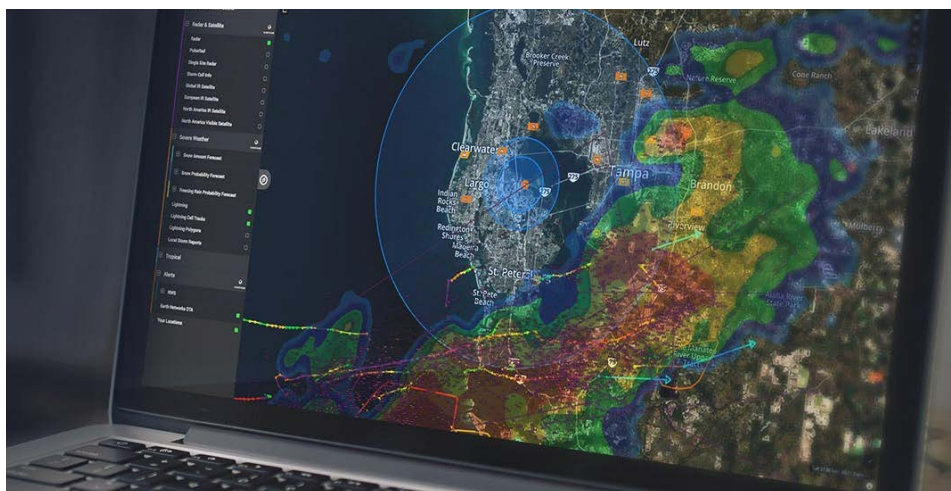
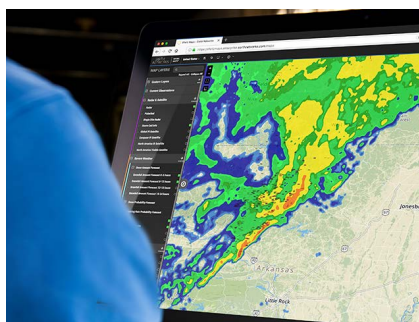
- ▶ Real-time lightning detection and alerting
- ▶ Dangerous Thunderstorm Alerts (DTAs)
- ▶ Storm “estimated time of arrival”

WE SUPPORT:

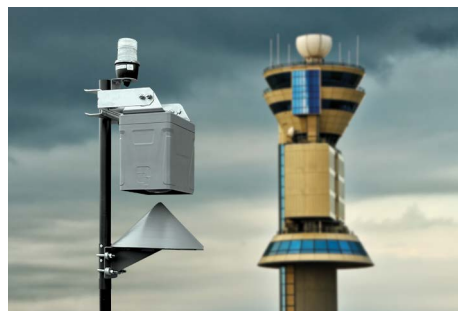
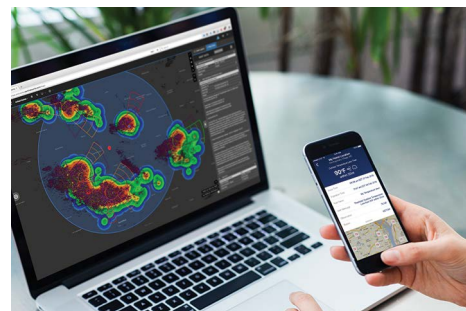
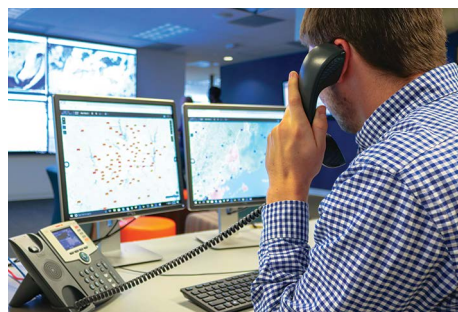
- ▶ Airlines
- ▶ Air traffic controllers
- ▶ Fixed base operators
- ▶ Small and mid-sized airports
- ▶ Large hub airports
- ▶ Port authorities
- ▶ Public and private airports
- ▶ Regional aviation authorities

REAL-TIME LIGHTNING AND WEATHER TRACKING

Keep track of lightning activity near your airport with the Earth Networks Total Lightning Network® - the most reliable and precise lightning detection network in the world. Set up fast, accurate, and automated lightning proximity alerts and track storm activity from your custom weather dashboard.

**KEY PRODUCTS****WEATHER TRACKING
WITH SFERIC MAPS**

Track storms headed your way with Sferic Maps. View the storm estimated time of arrival along with forecast and animated radar and real-time lightning strikes.

**Lightning Alert Siren & Strobe****Real-Time Weather Map & Mobile App****24/7 On-Demand
Forecasting Support****Public Information Displays**