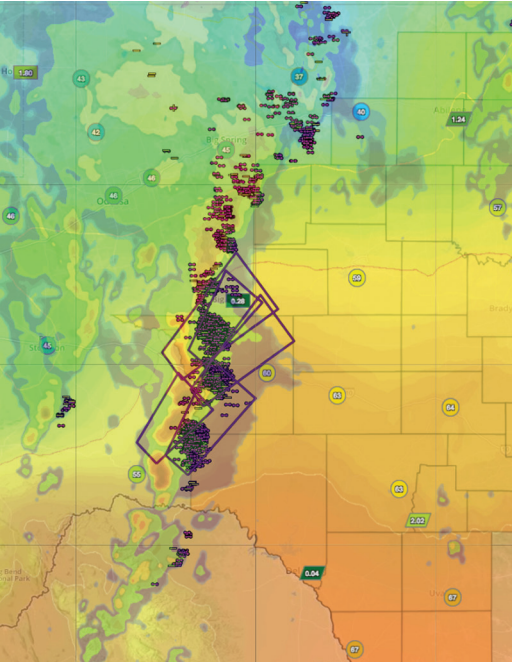# EARLY WARNING SERVICES

OBSERVE. PREPARE. PROTECT.

Effective Meteorological Early Warning Systems (EWS) are critical for disaster risk reduction around the world. Powered by Earth Networks proprietary weather and lightning observation networks, the Early Warning Services provide comprehensive solutions for worldwide severe weather alerting and forecasting.

OVERVIEW

Earth Networks' Early Warning System provides a cost-effective, integrated approach, ensuring timely and accurate delivery of warnings and forecast information. This approach, which combines a number of Earth Networks severe weather solutions including Dangerous Thunderstorm Alerts, Sferic Maps, Sferic Mobile and PulseRad, produces highly advanced weather information.

All disasters are local, which underscores the importance of having near real-time access to accurate localized alerts.

Matthew Kallmyer, Director of the Atlanta-Fulton County Emergency Management Agency (AFCEMA)

BENEFITS

INDUSTRY SPECIFIC CUSTOMIZATION

Early warning services can be customized across all industries including government, energy and utilities, airport operations, insurance and telematics and outdoor recreation

OPERATIONAL DECISION MAKING

Produces highly advanced weather information that improves reaction and recovery times of weather and climate-induced hazards

SAVES LIVES AND PROTECTS ASSETS

Provides visualization and alerting of impending severe weather events to developed and undeveloped countries
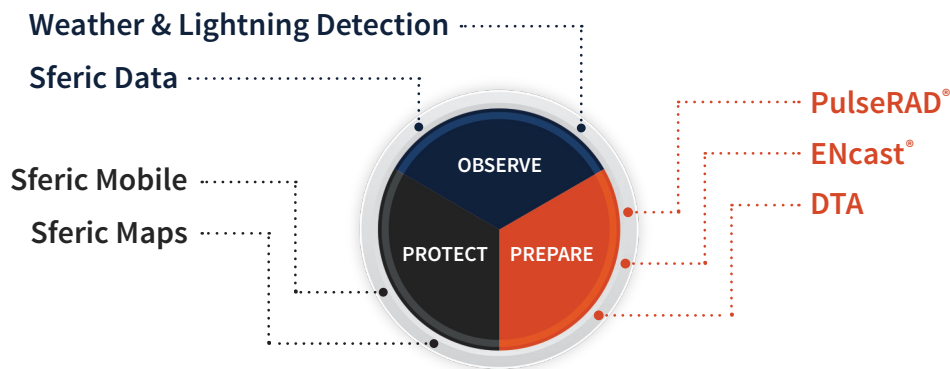
RESOURCE MANAGEMENT EFFICIENCY

Cost-efficient service that improves reaction and recovery time to reduce risk of disaster and financial loss

KEY FEATURES

- Weather and Lightning Detection
- PulseRad
- ENcast
- DTAs
- Sferic Maps
- Sferic Data
- Sferic Mobile

TRACKING, ALERTING AND PROTECTING MADE EASY

This array of high impact weather stream intelligence is driven by real-time forecasting, mapping, alerting and path tracking engines. With customized Sferic Maps and Sferic Data solutions, critical operational data is delivered across multiple industries.

Weather & Lightning Detection
Sferic Data

Sferic Mobile
Sferic Maps

OBSERVE
PROTECT PREPARE

PulseRAD®
ENcast®
DTA

Weather and Lightning Detection

- Hyper-local, real-time observations critical for
- Advanced severe weather alerting
- Global forecasting

PulseRad

- Radar alternative
- Global high resolution coverage
- Updates four times faster than traditional radar

EnCast

- Leading cloud-based forecasting tool
- Leverages hyper-local and ingested data from the world's best weather network
- Utilizes top performing models to deliver the most accurate forecast

Dangerous Thunderstorm Alerts (DTA)

- Deliver advanced warning for the most dangerous storms
- Most critical type of severe weather alert
- Powered by ENTLN

Sferic Maps

- Most advanced weather visualization tool
- Updatable maps and self-managed layers
- Share real-time views with colleagues in the field
- Tiered packages

Sferic Data

- Real-time bulk data access
- High frequency push updates every 5 minutes
- Configurable data and multiple delivery methods

Sferic Mobile

- Integration of alerts and weather data
- Push notifications
- Contextual maps
- Alert rule management

CONNECT WITH US

For more than 20 years Earth Networks has operated the world's largest and most comprehensive weather observation, lightning detection, and climate networks.

Our observations inform and alert consumers, enterprises and governments around the world, providing them with advanced environmental intelligence for decision making and safety.

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