



# StreamerRT<sup>SM</sup>

## The Ultimate Web-Based Weather Monitoring and Alerting Tool

With more than 150 layers of streaming real-time weather information and severe alerts, StreamerRT is the ultimate weather monitoring and alerting tool for those in charge of keeping people safe, protecting property and managing resources.

### Get Ahead of the Storm

**You need as much lead time as possible before severe weather strikes.** Only StreamerRT shows live radar together with lightning flashes detected by the Earth Networks Total Lightning Network<sup>TM</sup> — the first to comprehensively capture both cloud-to-ground and in-cloud lightning. In-cloud lightning is a proven precursor of severe weather on the ground.

### Know Before: Severe Alerts & Custom Notifications

**What weather threats have the biggest impact on your operations?** With StreamerRT you can create notification rules for specific locations based on custom weather thresholds. Notifications are delivered visually, audibly, and to desktop and mobile emails. You can also receive National Weather Service warnings and Earth Networks Dangerous Thunderstorm Alerts.

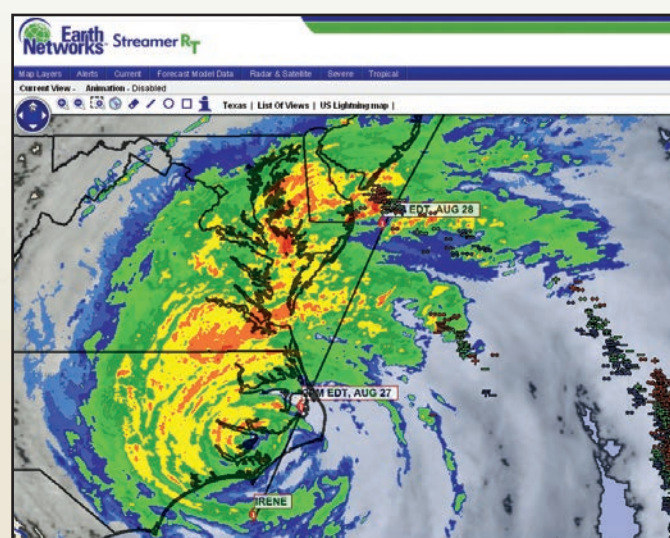
### Improve Response & Recovery

**An accurate and timely picture of what's happening on the ground is critical to efficient response and recovery.** Only StreamerRT displays neighborhood-level observations and camera views from the world's largest weather network. This includes more than 10,000 stations that are exclusive to Earth Networks and update with live data every two seconds.

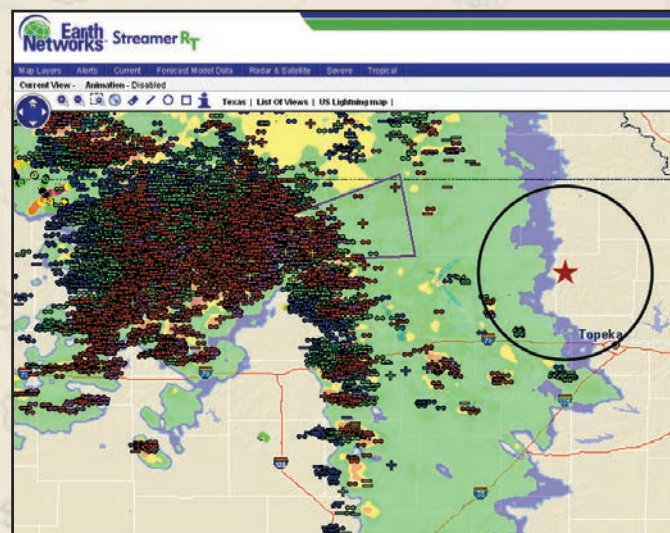
### Rapid Visualization & Decision Making

**Speed is of the essence when tracking changing weather.**

With StreamerRT you can save custom views that include your preferred data layers and map extent. Pick any view to be your default and quickly switch between views for rapid visualization and decision making. The slideshow feature is perfect for monitoring multiple locations.



Hurricane Irene tracks up the U.S. East Coast. The forecast track is shown along with radar, and lightning can be seen in the storm's outer bands.



StreamerRT shows a massive amount of in-cloud and cloud-to-ground lightning in the Central Plains. The circle with the star pinpoints a custom notification set up for advanced warning.



## State-of-the-Art Weather Visualization for Planning, Response and Recovery

**StreamerRT provides emergency managers, airport crews, stadium managers, event staff, facility managers and operation centers with web-based access to Earth Networks' proprietary network of more than 10,000 neighborhood-level weather stations updated every two seconds, as well as live radar and cloud-to-ground and in-cloud lightning.**

### The Largest and Most Accurate Network

- The Earth Networks Weather Network is the world's largest real-time weather network, with more than 10,000 state-of-the-art stations exclusive to Earth Networks.
- Earth Networks weather stations observe more than 25 variables updated every 2 seconds.

### Total Lightning Detection

- Powered by the Earth Networks Total Lightning Network — the standard in lightning and severe weather detection.
- The FIRST integrated in-cloud (IC) and cloud-to-ground (CG) lightning detection to be available on a nationwide basis.

### Live Radar and Storm Tracks

- Current radar and forecast radar show you exactly where the bad weather is and where it is headed, with smooth non-pixelated imagery.
- Doppler radar covering the entire continental U.S. is updated every 5 minutes; 1-hour or 3-hour animation available.
- Single site radars show storm tracks, hail index and tornado vortex signatures.

### Custom Notifications

- Create notification rules for specific locations.
- Rules based on user-defined weather thresholds, threats or concerns.
- Notifications sent visually, audibly, and to desktop and mobile emails.

### Severe Weather Alerting

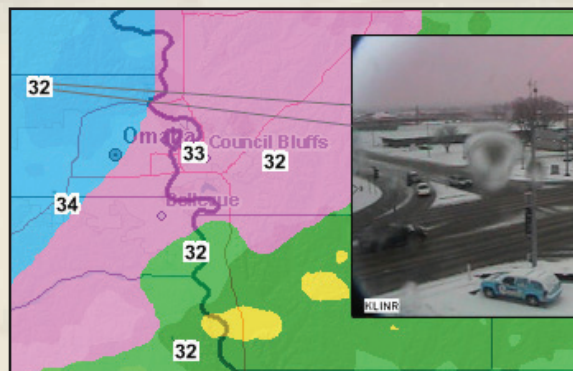
- Earth Networks' proprietary Dangerous Thunderstorm Alert (DTA) is issued when high rates of total lightning — combination of IC and CG — indicate increased potential for CG strikes, heavy rain, high winds, hail and tornadoes.
- DTAs have been shown to provide an average lead time increase of 13 minutes over traditional warnings.
- DTA polygons show the area affected and predicted storm path; detailed text alerts list time of arrival for different locations.
- View NWS-issued warnings, watches and advisories with alert summaries.

### Tropical and Severe Weather







- Track hurricanes, flood potential, lightning, wind gusts, wildfire conditions, snow forecasts and observed accumulations.
- Plot tropical model forecast tracks and official National Hurricane Center forecasts including Cone of Uncertainty.

### Custom Views and Slideshow

- Save custom views that include your preferred map extent and active data layers.
- Quickly switch between views for rapid visualization and decision making.
- Custom views can be grouped into a slideshow presentation.



**Rain/snow line:** Winter weather radar combined with live temperatures and camera views provide a truly accurate picture of real-time conditions on the ground.

7-Day Forecast		Hourly Forecast			
Updated: 3:00 AM Monday, September 10, 2012					
Time	Conditions	Sky Cover	Chance of Precip.	Heat Index	Wind Chill
Monday, September 10, 2012					
8 am		75° F	58%	40%	75° F
9 am		78° F	61%	40%	78° F
10 am		81° F	65%	40%	82° F
11 am		84° F	68%	40%	84° F
12 pm		86° F	68%	40%	85° F
1 pm		88° F	68%	40%	87° F

**Detailed forecasts:** Access to 7-day and hourly forecasts for any location helps you make more precise decisions.



**Live cameras:** Camera images and time-lapse loops provide a bird's eye view for monitoring critical assets and improving daily operations.