



WeatherSentry® Lightning Safety Services

Utilities and Energy

The weather is a leading cause of power outages, but it's not the only factor that can cause damage and delay restoration. The condition of your electric infrastructure also plays a significant role.

WeatherSentry Lightning Safety Services provides intelligent, direct, and actionable insights that increase lightning and severe weather preparedness. It also helps alleviate safety concerns during asset repair and power restoration efforts.



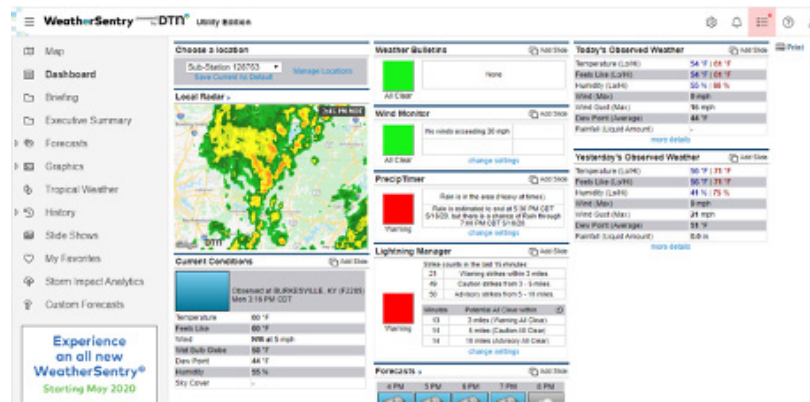
How we can help

WeatherSentry Lightning Safety Services is a SaaS application that fully integrates into our WeatherSentry solution. It delivers lightning alerts and all-clear notifications to your team's iPhone and Android devices to keep them on top of changing conditions. It includes the following tools.

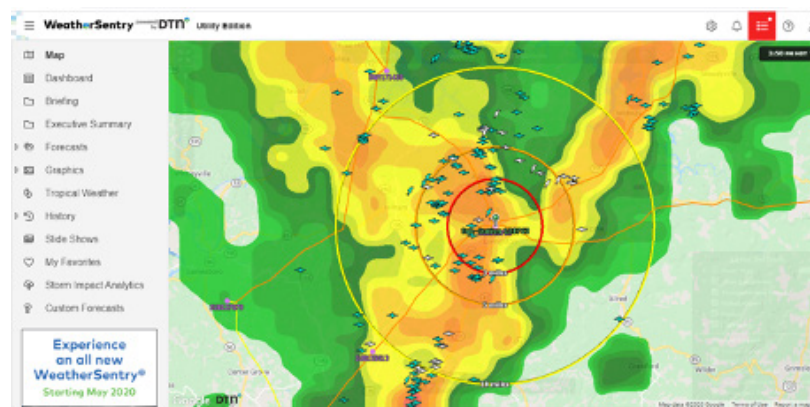
Lightning Manager® – helps you protect your crews with accurate data and patented alerts that instill confidence in your decisions and support safer operations.

Asset Inspector – helps you secure your assets with automated condition reports that keep you ahead of potential outages. With it, you can also prioritize post-thunderstorm inspections with its precise list of assets challenged by lightning. This can improve the speed of your response by better targeting your efforts.

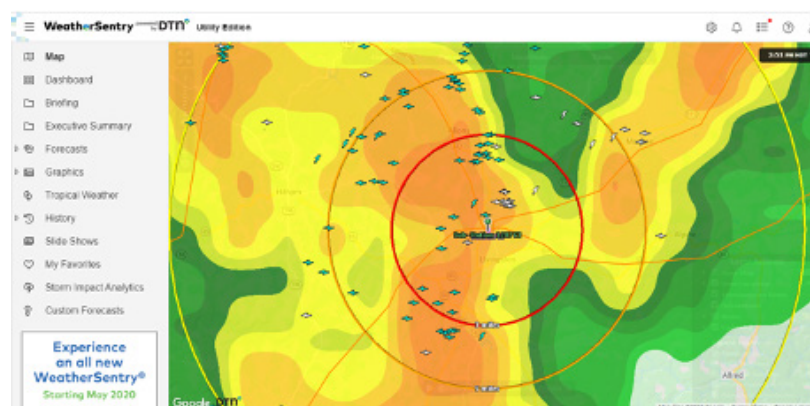
Lightning Web Services – helps you create a custom solution using the best GIS lightning web mapping services (WMS), web features services (WFS), and API lightning data feeds available. Integrate them into your existing system operations platforms to enable alerting for crews in the field. With it, you can instantly notify them when it's time to cease operations and move to shelter. You can also send all-clear notifications when it's safe to resume work. In addition, specific assets can be flagged for inspection.



WeatherSentry Utility Edition Dashboard with Lightning Manager Warnings



WeatherSentry Utility Edition Lightning Manager with radar and lightning overlaid (zoomed out)



WeatherSentry Utility Edition Lightning Manager with radar and lightning overlaid (zoomed out)

The DTN difference

Enhanced situational weather awareness

- Select your warning, caution, and advisory lightning alerting distances and choose your all-clear alert activation timelines for cloud-to-ground and cloud-to-cloud lightning.
- Customize alerts for other weather threats that your teams face, such as extreme temperatures, high winds, and precipitation.
- Implement smart, GIS-based alerts and notifications that follow your crews as they move around your service territories.

Better reliability

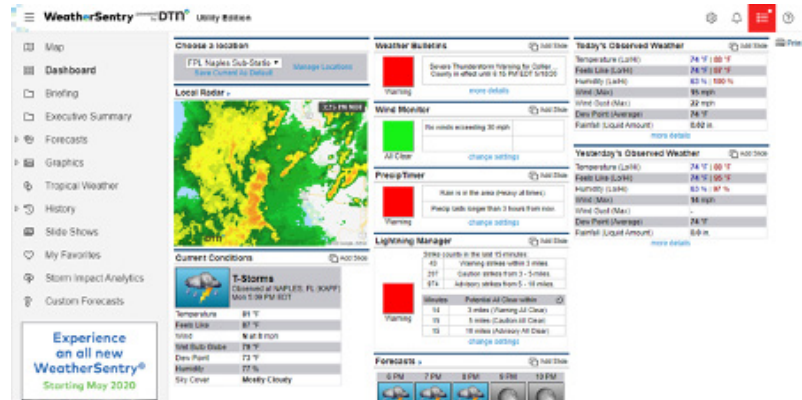
- Lightning Manager uses our state-of-the-art alerting system to quickly issue customized alerts. We offer the best precision lightning networks available for your areas of interest, making the system a reliable source of actionable information.

World-class support

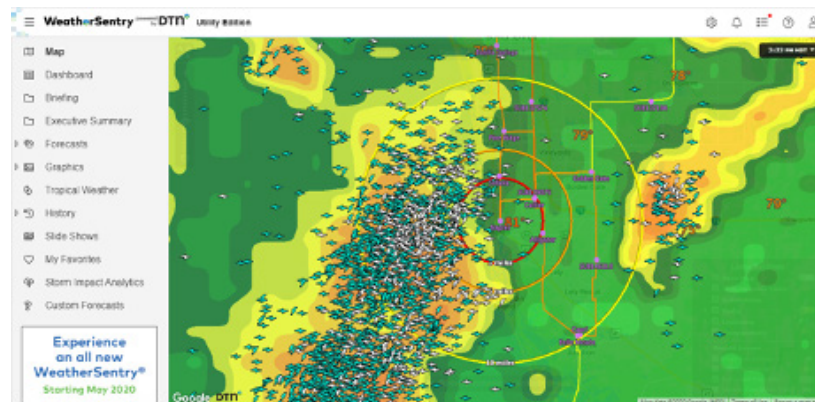
- Our forecasting, customer success, and service teams work hand-in-hand to deliver world-class training and support for you and your team. You'll clearly understand the benefits and capabilities of the solution, including how to customize its tools and alerts to your operational protocols, before, during, and after a storm.

Key benefits

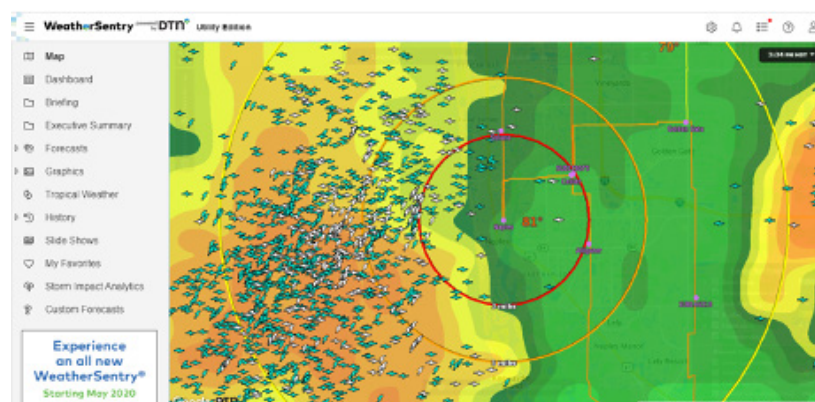
Simply put, WeatherSentry Lightning Safety Services creates a customized suite of alerts and notifications that improve your operations around weather threats. You'll be able to keep crews safer, identify potential asset damage sooner, improve dispatching, and restore power faster — which keeps your customers happier.



WeatherSentry Utility Edition Dashboard with Lightning Manager Warnings



WeatherSentry Utility Edition Lightning Manager with radar and lightning overlaid (zoomed out)



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Crews

- Provides an added level of safety and awareness for teams exposed to weather threats.
- Keeps crews informed wherever they go with patented, GIS-based alerts.
- Ensures faster action with automated alerts and all-clear notifications sent to smartphones.
- Helps protect your crews from additional weather threats, for enhanced safety and cost-effectiveness.
- Allows your teams to identify and repair damaged assets more quickly.

Assets

- Enables asset inspections, anywhere in the world, with the best lightning detection networks and state-of-the-art, timely alerting.
- Prevent or limit outages with integrated weather and lightning data in your existing system operations platforms.
- Identify at-risk assets more quickly and improve asset reliability by proactively repairing issues before they cause outages.
- Improve customer satisfaction by restoring services faster.

Why DTN

DTN has more than 30 years of experience delivering value-driven weather services and cutting-edge technology to help organizations across a broad range of industries. We are recognized as a top-rated precipitation and temperature forecaster in the industry for the past 10 years, as determined by an independent third party.