

# Lightning Detection and Alerting

The DTN logo is positioned on the left side of the page, enclosed within a large white circle that has a green border. The circle is partially overlaid by a blue line that extends from the top right towards the center. The background of the entire page is a dramatic image of a lightning storm with bright blue and white lightning bolts striking against a dark, stormy sky over a silhouette of a landscape.

**DTN**

## Confidently alleviate your enterprise's severe lightning and thunderstorm risks

**Real-time alerting and early warning of  
approaching thunderstorms.**

The DTN real-time alerting system provides accurate lightning strike detection. Real-time and warning alerts are issued to any device across your business via SMS, email, web interface, and our dedicated WeatherGuard app.



### Total lightning network

Our network of regional and global sensors detects lightning strikes within your proximity thresholds. The high-resolution sensor networks provide unparalleled detection accuracy and efficiency (<200 m), ensuring storm cells of any size are captured, and sites are alerted to respond respectively.



### Storm Tracker visualization

Storm Tracker, our fully visualized Geographic Information System (GIS), plots live lightning strikes aged over 60 minutes. This provides enhanced spatial awareness and understanding of the potential threats of storm activity on your operations and valuable assets.



### WeatherGuard app

Our dedicated business app, WeatherGuard, delivers lightning and severe weather notifications to your site staff based on the thresholds you provide. This equips your team with the precise knowledge to inform their operational safety decisions and guard against unnecessary shutdowns.



### Robust system infrastructure

Our lightning network is maintained and operated to ensure there is no loss of detection efficiency and accuracy. System uptime is 99.9%.



### Historical lightning plots

We continually update you with full risk overviews, providing the tailored weather insights you need to make confident operational decisions.



### Global alerts for global business

All features of our lightning network and Storm Tracker are optimized for global deployment and can be configured on request.

[www.dtn.com/mining/](http://www.dtn.com/mining/)