

# AWIPS II

## Delivering Next Generation Weather Capability

Raytheon is delivering the greatest evolution yet of the tool that ingests and analyzes *all* of the data used by the National Weather Service:  
**Advanced Weather Interactive Processing System (AWIPS II).**



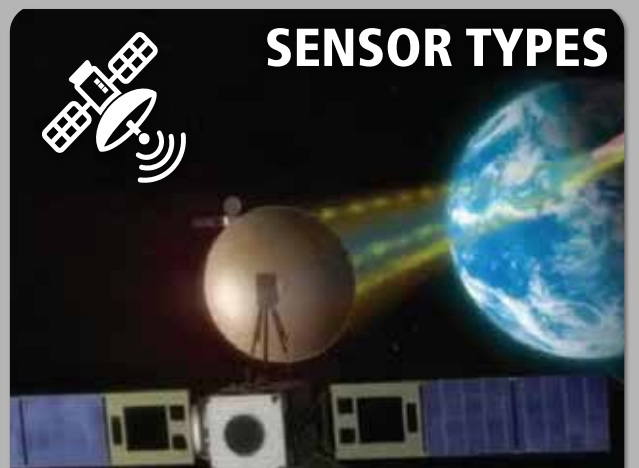
### DEVICE REQUIRED

AWIPS is now on laptops enabling forecasters to work on location with emergency responders



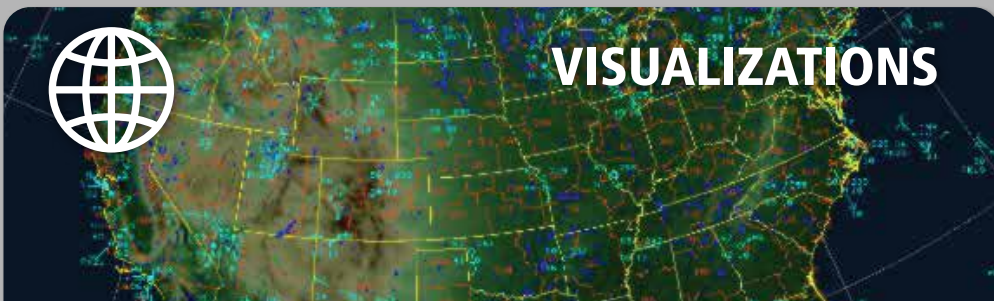
### RESOLUTION

AWIPS II has the capability to display the highest resolution available from each sensor – enabling precision forecasts



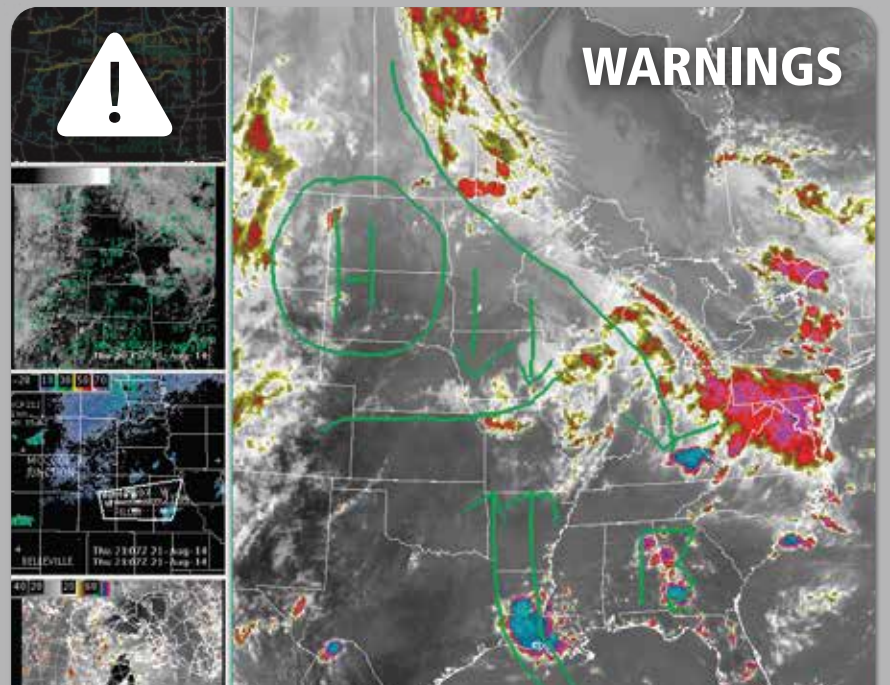
### SENSOR TYPES

AWIPS II works with data from all kinds of sources, such as weather radars and environmental satellites orbiting in space



### VISUALIZATIONS

Maps display and re-project nearly instantaneously, with seamless scrolling and zooming



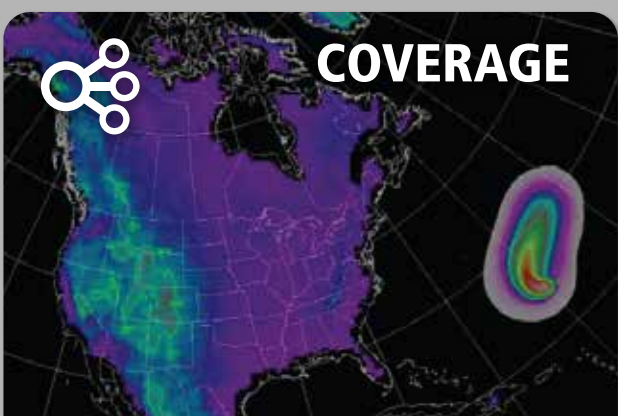
### WARNINGS

Automated text generation allows weather statements – such as watches and warnings – to be issued rapidly to help protect lives and safeguard property



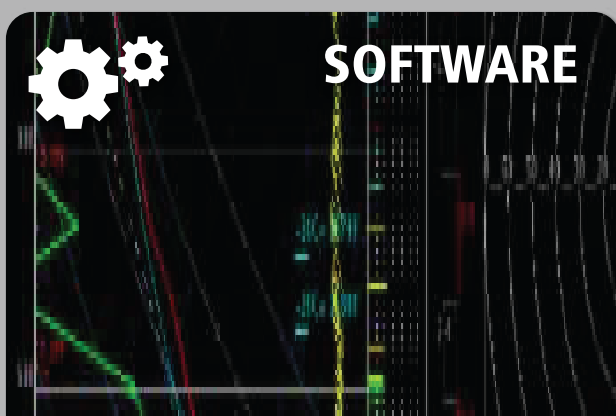
### DATA

A variety of data types are processed in real time, allowing video game-like visualizations and interaction



### COVERAGE

Nationwide rollout of AWIPS II will include 122 NWS Weather Field Offices, 13 River Forecasting Offices and 9 National Centers



### SOFTWARE

Open-source software enables low-cost maintenance, stability, and most importantly, continuous improvement to forecast accuracy and timeliness



### BACKED BY RAYTHEON

With 40 years of support to the weather community and ten years working on AWIPS, Raytheon understands the vital need for reliable weather data delivery

To learn more about Raytheon's AWIPS program, please visit:  
[www.raytheon.com/awips](http://www.raytheon.com/awips)

**Raytheon**

*Customer Success Is Our Mission*