

Vaisala IRIS Focus

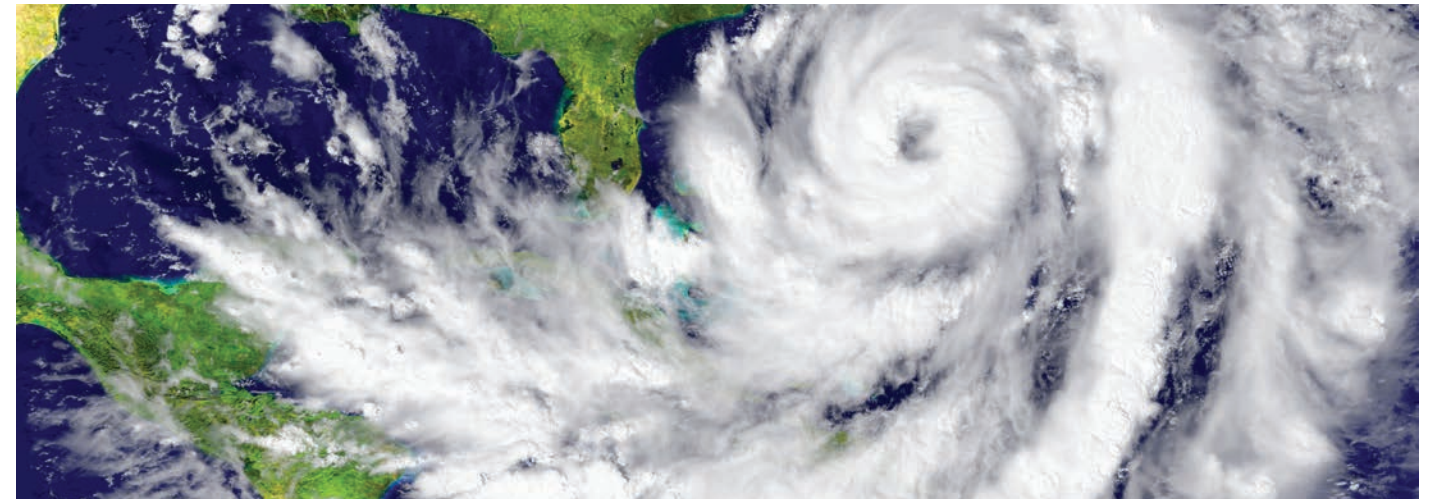
/ WEATHER RADAR SOFTWARE



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Vaisala IRIS Focus Weather Radar Software / The Next Generation In Weather Radar Software

The modern look of IRIS Focus Weather Radar Software and the rich set of tools it provides enable you to see and analyze your weather radar data like never before. Developed with customers, the easy-to-use interface reduces complexity and training time and the web-based platform increases the access to your data. IRIS Focus enables you to better understand storms for quicker decisions and more accurate precipitation estimation and classification.



- ### Features
- Web-based application
 - Multiple display options
 - Rich set of analysis tools
 - On-demand data regeneration at high resolution
 - Tested and audited with the latest information security standards

Understand Storm Movement and Structure to Make Better Decisions

Weather radar data is a critical component of weather forecasts as well as accurate precipitation estimates and classification. IRIS Focus has a rich set of tools, so you can dig deeper into your data for a better understanding of storm movement and structure and make earlier and more accurate watches and warnings.

Using the storm tracking tool, you can mark the location of a storm at different points in time to help project its future movements. With this tool, you have the ability to compute rate, time, and distance equations. To help understand the three-dimensional area of a storm and its evolution in time, the cross-section tool allows you to see data at different altitudes with respect to other data points, it even allows you to request curved cross-sections to truly analyze phenomena such as frontal boundaries and curved rain bands.

With IRIS Focus, you can extend observations for better awareness of convective storms beyond the radar range. For example, you can layer lightning data from Vaisala's Global Lightning Dataset GLD360. Combining these tools into one easy-to-use system allows you to maximize the value of all weather data to create better forecasts.

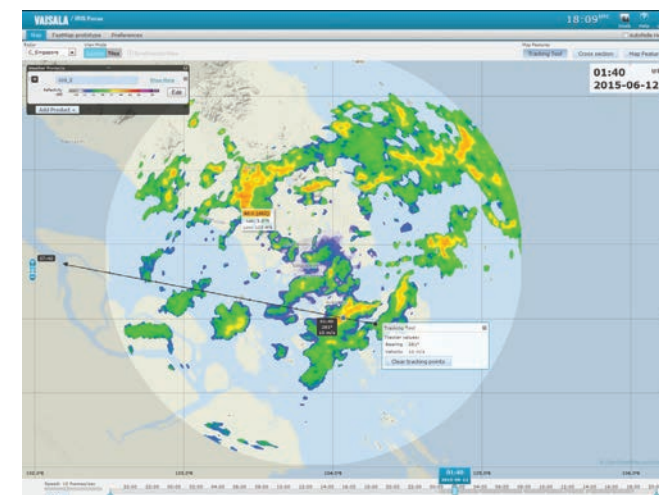
Analyze Your Data Faster

A step above current offerings in weather radar software, IRIS Focus allows you to see more of your weather radar data on one screen. With the multi-panel display, you can see up to four radar products on one screen, synchronize all four panels in time and location, and animate all four panels together.

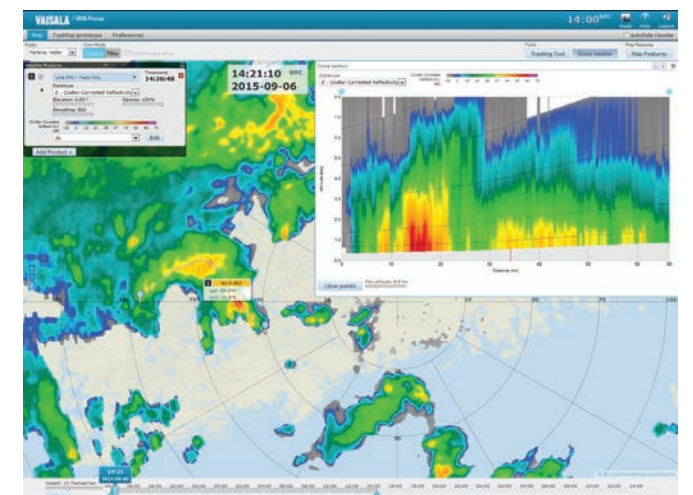
You can layer multiple data points, such as radar reflectivity and radial velocity, on top of one another to gain better awareness. Display non-map data side-by-side with map data, such as the radial velocity measurement, to give you better insight into how your data changes with respect to the direction of the radar site.

See more of the finer details of storm movement and structure with enhanced graphics display capabilities that allow you to zoom into Plan Position Indicator and Constant Altitude PPI (CAPPI) products with increased resolution. You can adjust the CAPPI heights interactively, add smoothing, and choose different data variables.

- ### Benefits
- Better understand storm movement and structure
 - Reduce training time with easy-to-use interface
 - Access, analyze, and easily share your data from anywhere



Storm Tracking Tool



Cross-section Tool

Easy-to-Use Interface Reduces Training Time

Interactive tutorials, context-sensitive help and tool tips provide additional assistance throughout the program. The user interface, including the help features, can be displayed in four languages: English, Russian, Spanish, and Portuguese.

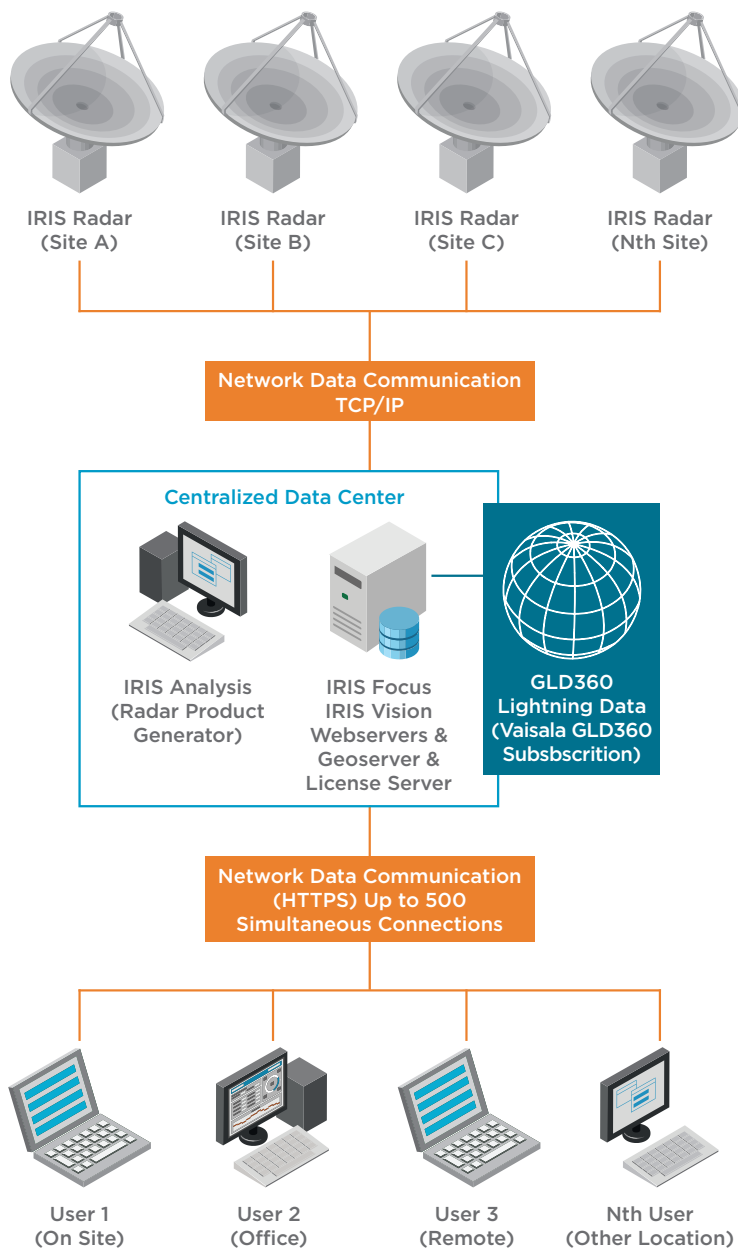
IRIS Focus also shares a common technology platform with Vaisala's Thunderstorm Manager and AviMet,[®] allowing you to transition seamlessly between these applications.

Increase Secure Access to Your Data

IRIS Focus allows you to access your data and analysis tools from anywhere, and to share your data securely with colleagues in other departments or outside the agency. As with any application that uses the Internet, information security is a key concern. IRIS Focus has been tested and audited by third-party security firms using the latest information security standards.

Experience More

With IRIS Focus, Vaisala has raised the bar for weather radar software. IRIS Focus allows you to see more of your weather radar data for faster analysis using better graphic displays and data processing capabilities. Analysis tools, such as the storm tracking and cross-section tools, enable better understanding of storm movement and structure for more accurate forecasts and earlier watches and warnings. Designed with the user in mind, IRIS Focus provides you with an easy-to-use tool, so you can experience more from your weather radar data.



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