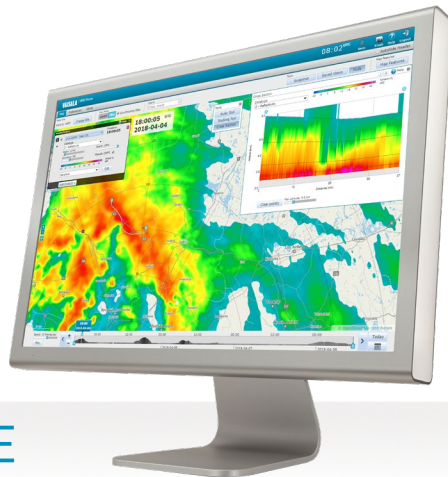


VAISALA

IRIS

EXPERIENCE MORE



The **next** generation in weather radar software.

PUBLISHED BY

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Try IRIS Focus at **iris.vaisala.com**.

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B211503EN-D

Experience More

IRIS Focus Weather Radar Software provides a uniquely rich set of tools for viewing and analyzing your weather radar data. Developed with customers, the easy-to-use interface reduces complexity and training time. IRIS Focus helps you better understand storms for quicker decisions and more accurate precipitation classification.

Analyze Your Data Faster

IRIS Focus allows you to see more. Choose a multi-panel display or layer multiple data points from different radar products on one screen. Because we generate radar products on-demand, you can zoom in on data at the highest resolution.

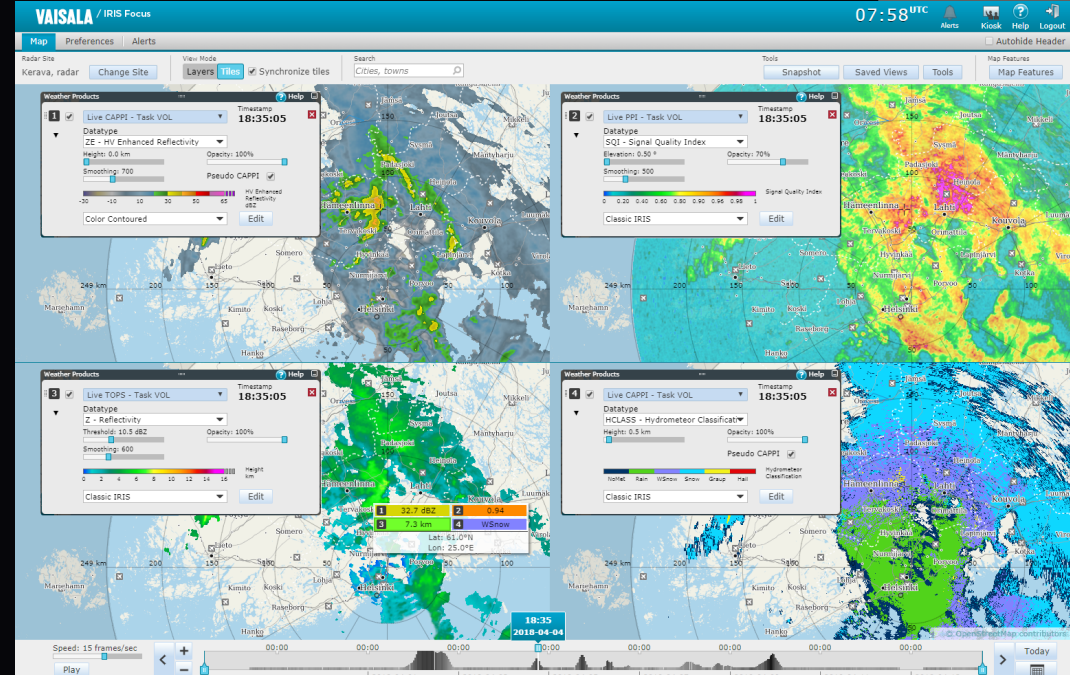


ANALYZE YOUR DATA FASTER

See More with the Multi-Panel Display

- *Display up to four radar products in the same window to see significant weather details all at once*
- *Synchronize time and location of displayed panels*
- *Synchronize displayed panel animation*
- *Move the cursor to a different location on the map – all displayed panels move together*

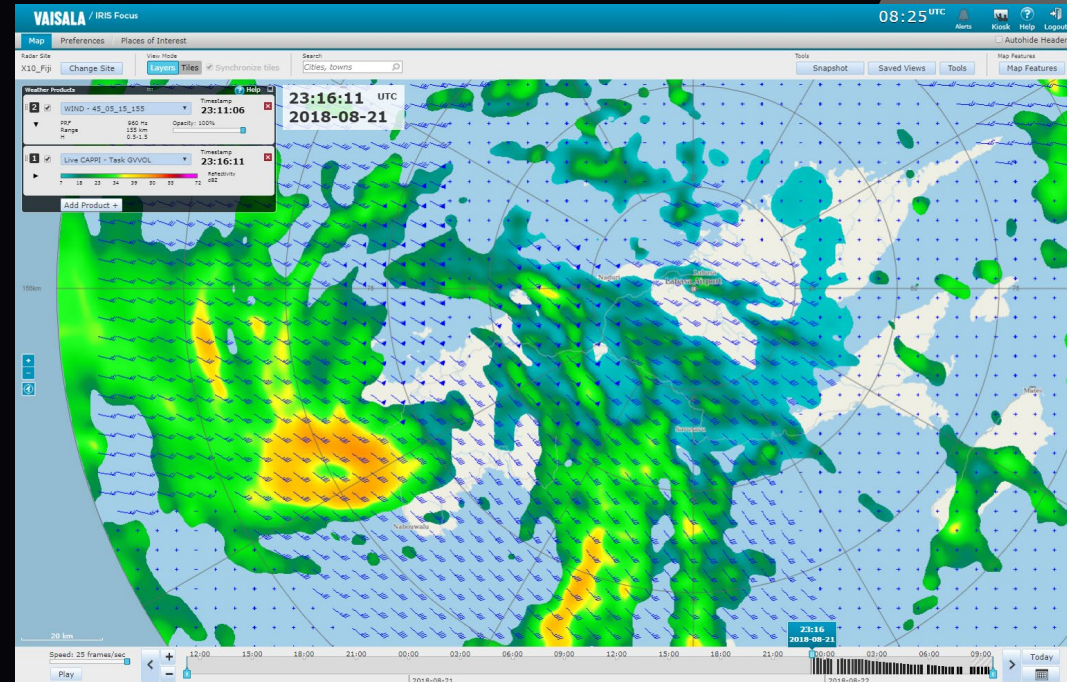
ANALYZE YOUR DATA FASTER



Overlay Multiple Data Points

- *Layer multiple data such as radar reflectivity and radial velocity*
- *See radial winds and intensity simultaneously*
- *Set height, smoothing, opacity, and data type in layer settings*

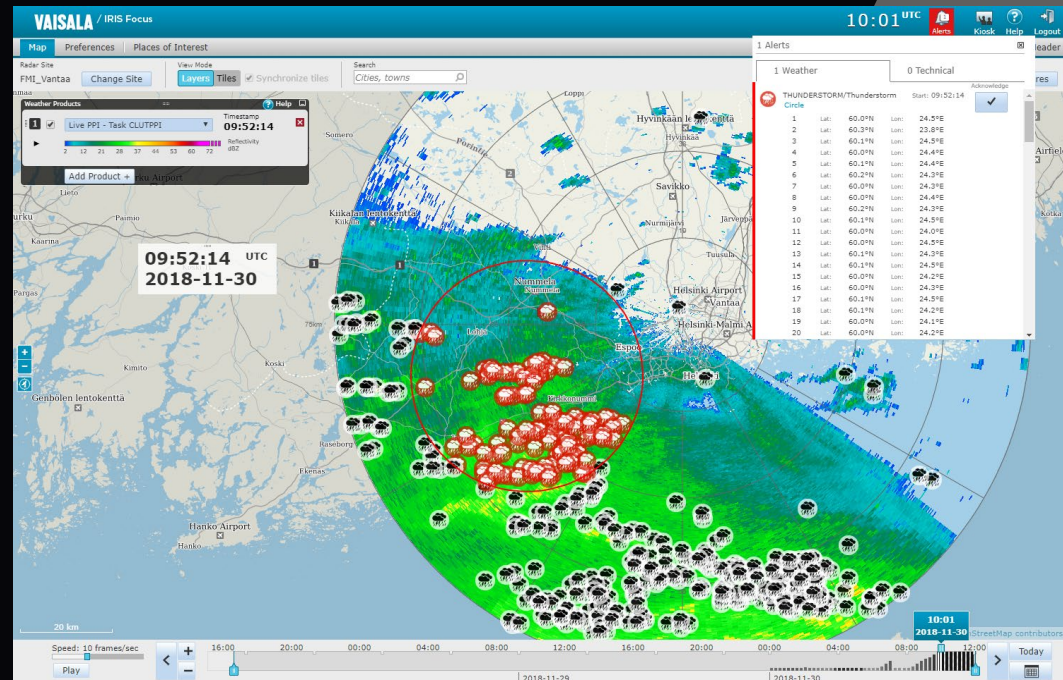
ANALYZE YOUR DATA FASTER



Weather Warnings and Alerts

- *Automatically detect weather hazards as they appear*
- *Receive an alert when a significant weather event (such as hail, wind shear, or heavy rain) appears in your area of interest*
- *Configure your alerts and areas of interest*
- *Use your own terminology and preferred icon – no interpretation is needed*

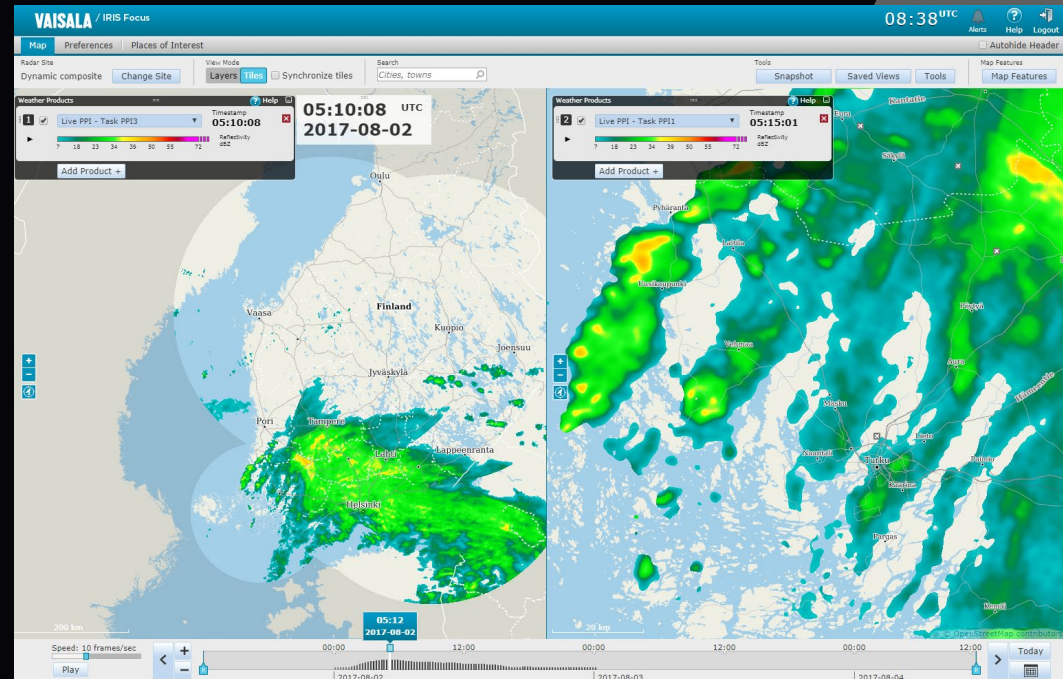
ANALYZE YOUR DATA FASTER



Generate High Resolution Products On-Demand

- *Generate on-demand and pre-configured radar products*
- *Zoom in to automatically regenerate the data and increase the resolution*
- *Select the radar parameters and adjust the visualization details*

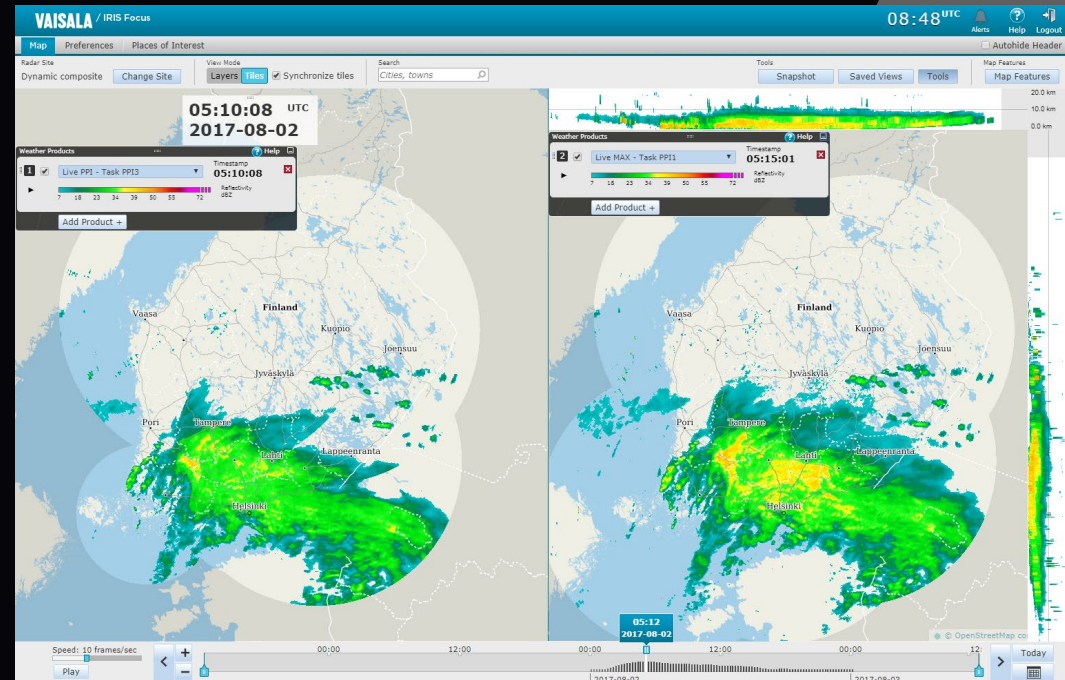
ANALYZE YOUR DATA FASTER



On Demand Radar Composites

- *Easily access composite data*
- *Visualize several radars on the same map, in one view*
- *Use the larger coverage area to see weather from farther away*

ANALYZE YOUR DATA FASTER



Understand Storms to Make Better Decisions

IRIS Focus tools support quicker decision-making and accurate precipitation estimation and classification. Advanced graphic display and data processing capabilities provide new ways of observing your weather radar data.

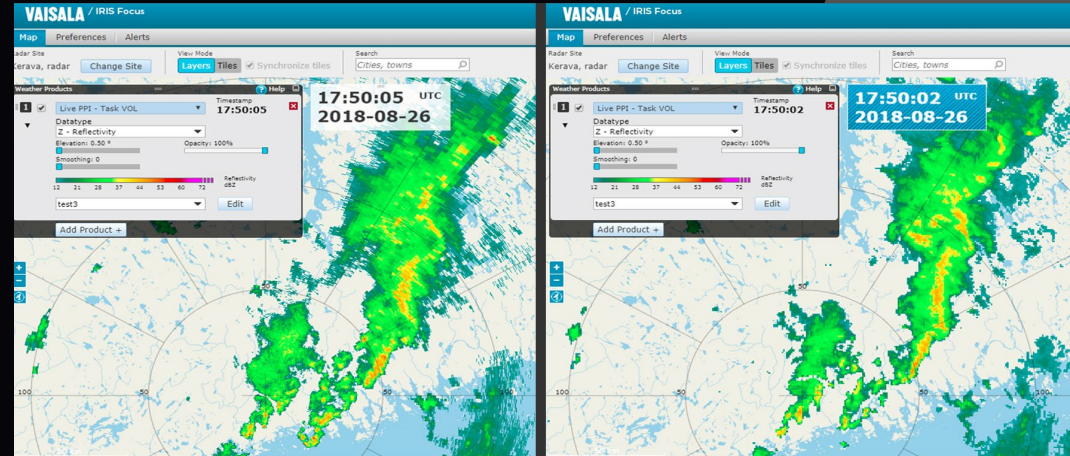
BETTER UNDERSTANDING OF WEATHER



Nowcasting

- *Automated short term forecasting predicts precipitation movement and gives you time to prepare hours in advance*
- *Support forecasters by visualizing the near future*
- *Seamless integration with on-demand product generation and the user interface*

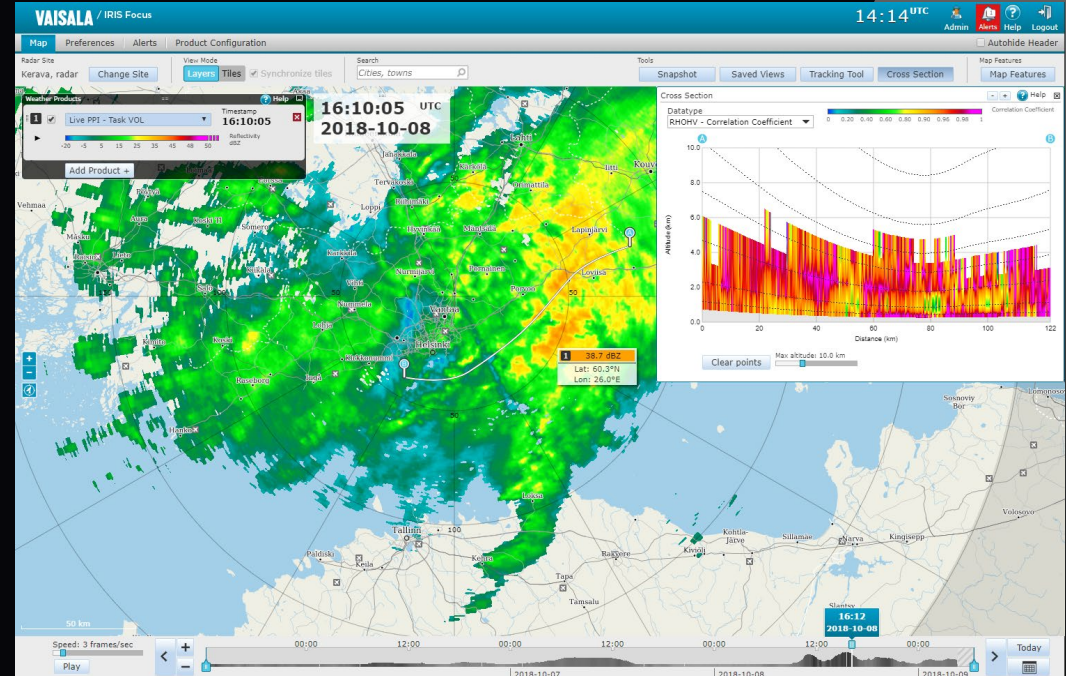
BETTER UNDERSTANDING OF WEATHER



Observe the Vertical Structure of Storms

- *Understand storm motion and growth by using the cross-section tool to see data at different altitudes with respect to other data points*
- *Improve your interpretation of the three dimensional area and a storm's evolution*
- *Perform curved cross-sections to analyze frontal boundaries and curved rain bands*

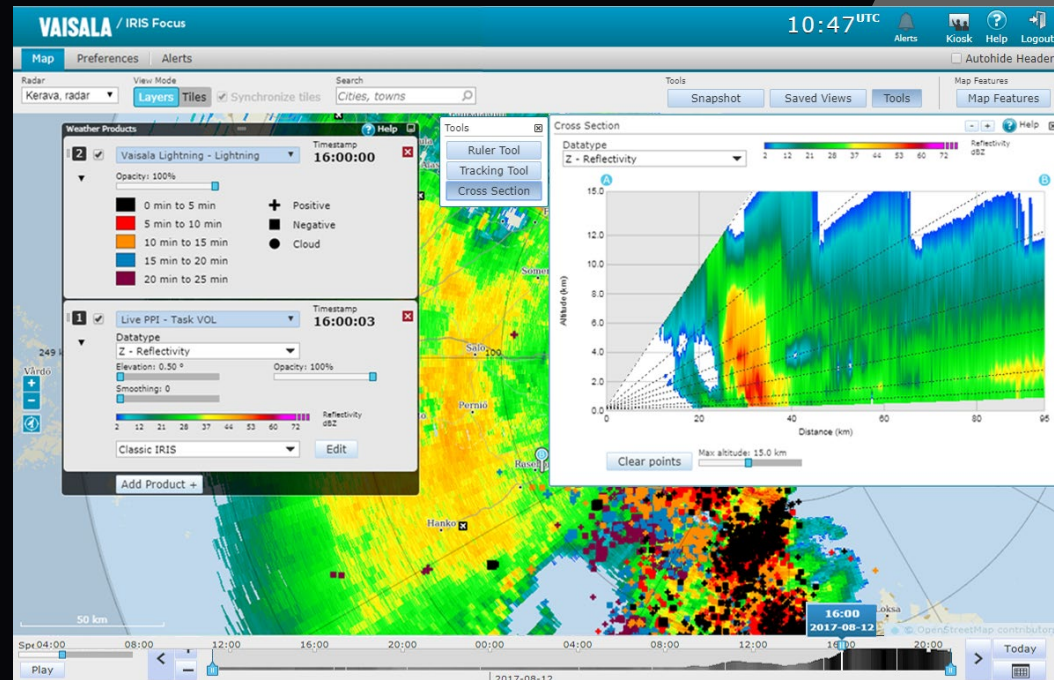
BETTER UNDERSTANDING OF WEATHER



Spatial Awareness

- *Extend observations to show convective storm beyond a single radar range with respect of geographical features*
- *Layer other weather data, such as lightning data from Vaisala's Global Lightning Dataset GLD360 outside of the range of the radar*
- *Continuously updated Geographic Information System (GIS) datasets*

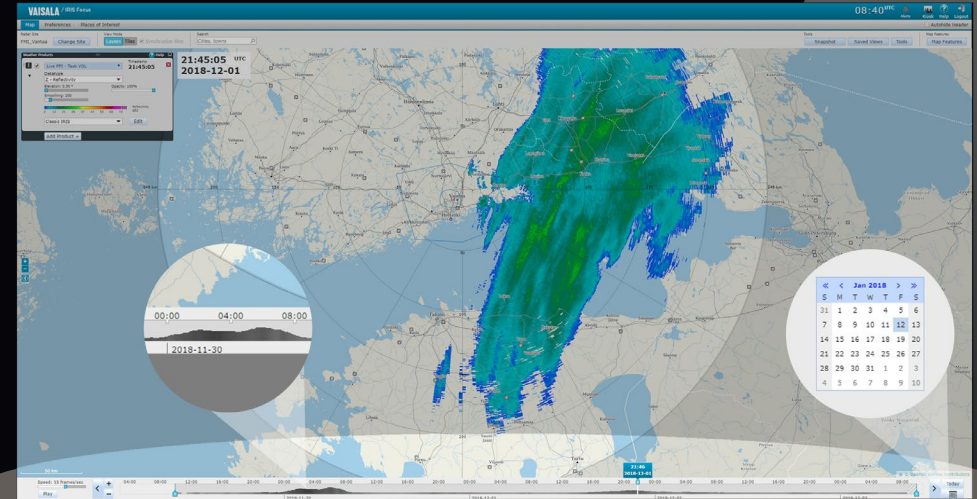
BETTER UNDERSTANDING OF WEATHER



Historical Data Browsing

- *Visualize historical data quickly and easily*
- *Go as far back in time as you wish*

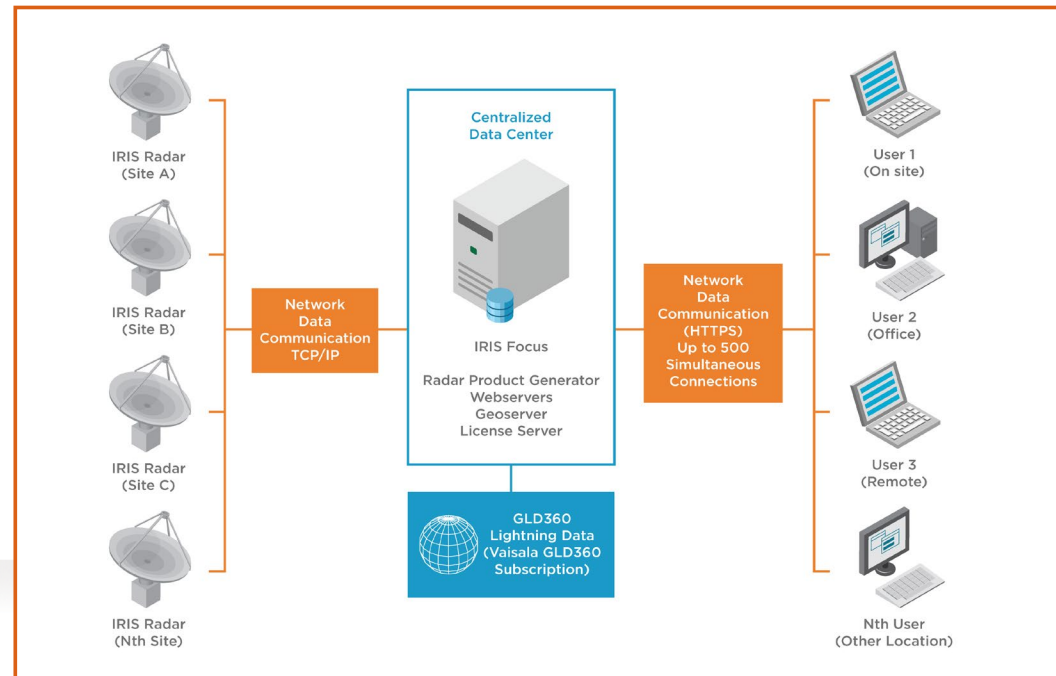
BETTER UNDERSTANDING OF WEATHER



Increase Accessibility

Designed with the end-user in mind, IRIS Focus lets end users easily access data to view or share interesting weather events.

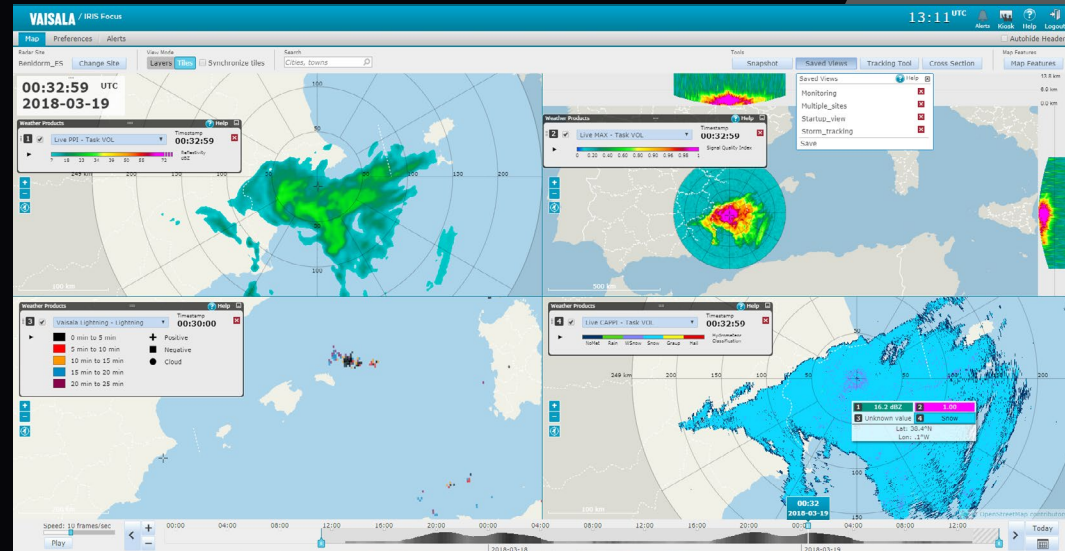
INCREASE ACCESSIBILITY



Access Your Data from Anywhere

- *Because IRIS Focus is web-based, you can access your data from anywhere. You do not have to store data on your computer.*
- *You can easily share your data with colleagues in other departments and outside the agency.*
- *Save your frequently used views so they are available each time you get to work, without the hassle of managing browser bookmarks or recreating live product, view, or zoom, or tool settings from previous sessions.*

INCREASE ACCESSIBILITY



Monitor your data flow

- *Be confident you have the latest data*
- *Receive alerts about interruptions in the flow of data from your radar systems*
- *Configure the data alert trigger time to suit your needs*

INCREASE ACCESSIBILITY

VAISALA / IRIS Focus 13:54 UTC Application Help Logout

User Map System Data Manager Licenses

Dataflow Alerts

Dataflow Alerts Help

Filter Show Enabled Alerts

Task	Enabled Alerts	Task Interval	Alert Trigger Time
All	<input checked="" type="checkbox"/> 7 tasks	Refresh	<input type="text"/> Apply all
▼ FMI_Vantaa	<input checked="" type="checkbox"/> 1 task		
CLUTPP1	<input checked="" type="checkbox"/>	<input type="text"/> 10 min	
▼ KUOPIO	<input checked="" type="checkbox"/> 3 tasks		
PP11	<input checked="" type="checkbox"/>	<input type="text"/> 15 min	
PP12	<input checked="" type="checkbox"/>	<input type="text"/> 15 min	
PP13	<input checked="" type="checkbox"/>	<input type="text"/> 15 min	
▼ VIMPEL1	<input checked="" type="checkbox"/> 3 tasks		
PP11	<input checked="" type="checkbox"/>	<input type="text"/> 10 min	
PP12	<input checked="" type="checkbox"/>	<input type="text"/> 10 min	
PP13	<input checked="" type="checkbox"/>	<input type="text"/> 10 min	

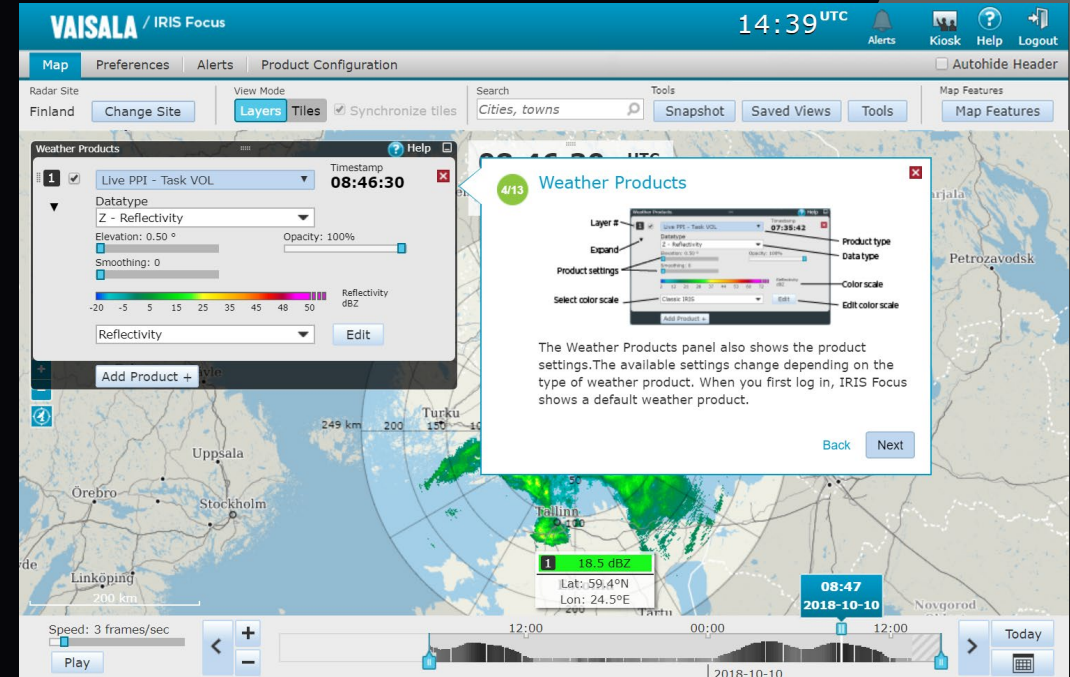
[Save](#)

Tip! To increase the alert trigger time for all alerts, type, for example, +5 in the Alert Trigger Time input field. To decrease the time, type, for example, -5.

Tool Tips and Localized Context-Sensitive Help

- *Interactive step-by-step tutorials reduce training time*
- *Built-in tool tips and context-sensitive help aid throughout*
- *Available in: English, French, Spanish, Portuguese and Russian*
- *More languages can be added on request*

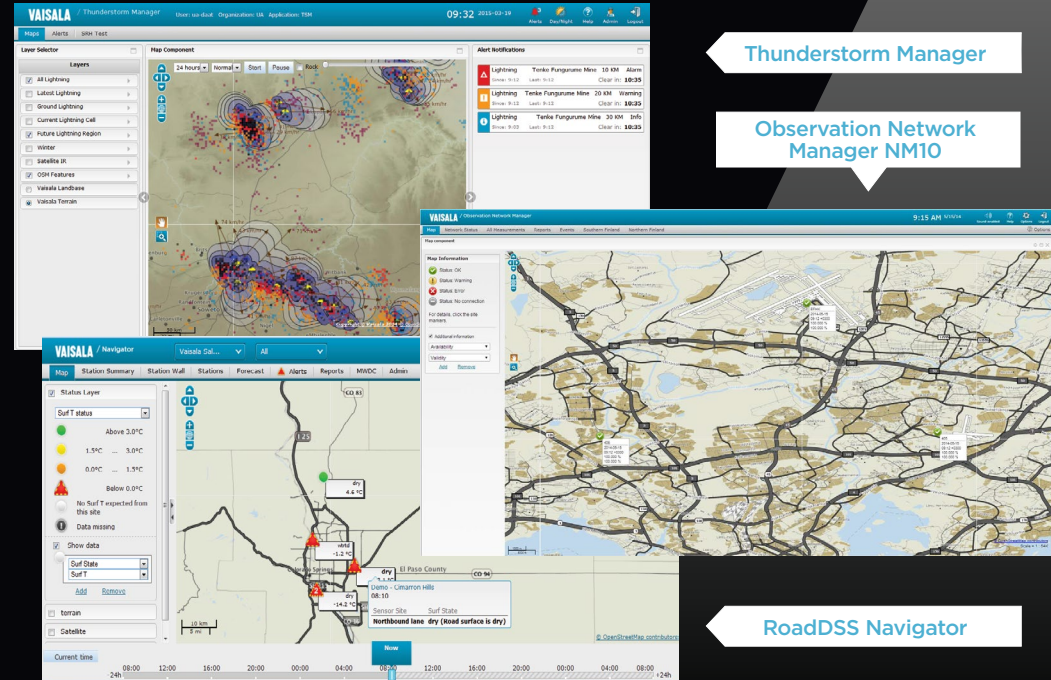
INCREASE ACCESSIBILITY



Vaisala Total Offering

- *One-stop-shop system provider*
- *Reduces training time and allows seamless transition between two or more Vaisala products*
- *Vaisala products that use same platform: Observation Network Manager, Thunderstorm Manager, RoadDSS Manager and DigiCORA® Sounding System MW41*

INCREASE ACCESSIBILITY



VAISALA

Experience **More.**