

# Vaisala IRIS Vision

/ WEATHER RADAR SOFTWARE



**VAISALA**

# Breathe new life into your weather radar data



*Vaisala IRIS Vision lets you make your weather radar data readily available to the public, to your customers, or within your organization through an intuitive and secure web interface. This helps to justify your significant weather radar network investment by getting more value from the data it generates.*

## Your weather radar data – easily accessible, always available

Vaisala IRIS Vision is an application that allows weather radar data to be quickly and easily viewed in a web browser. This gives you the opportunity to breathe new life into your data by making it available through a secure, intuitive, and visually attractive user interface that is easily accessible by anyone you want to share it with. Auto-updating data, informative animations, and full control over the level of detail shown make IRIS Vision the effective way to maximize the value of the data you collect.

## Keep your data safe

Whether you're sharing your weather radar data through your organization's intranet or displaying it publicly online, security is always

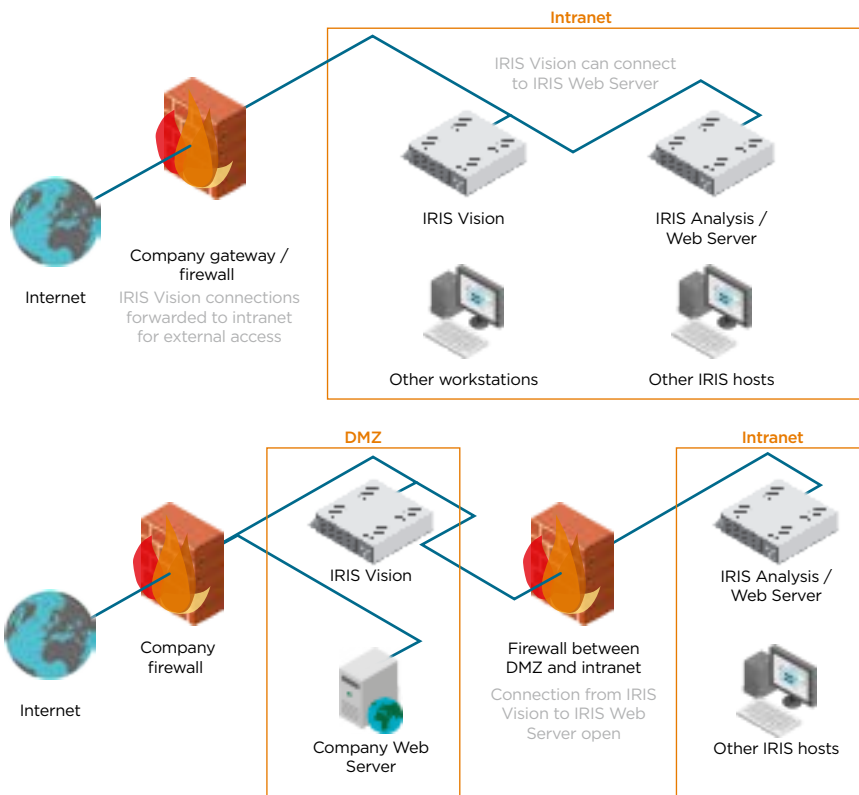
a priority. With IRIS Vision, you can rest assured that your data won't be corrupted, compromised, or interfered with in any way.

### Features

- Radar data is accessible via a web browser
- Display data from a single site or a selection of radars
- Display all IRIS-generated Cartesian radar data
- Show a range of views with geographic base layers
- Adjust the level of detail of data layers
- Latest available data with auto-updating animations
- Supports up to 500 clients at a time
- Multiple languages supported

### Benefits

- Display weather radar data cost-effectively
- Intuitive interface minimizes setup and training costs
- Secure system gives you peace of mind
- Make data widely available for maximum impact
- Give easy access to users
- Customize data presentation and detail levels



## In-depth data that doesn't leave you out of your depth

IRIS Vision's detailed visuals include an animated display that automatically updates with the latest data, with no need to take any action or refresh the page. The animation panel shows when new radar data will next become available and how often updates will occur, making it easy to monitor changes over time. Data from the past 48 hours can also be viewed or animated, enabling users to keep track of recent weather developments.

With the option to give a regional or national overview by combining data from several systems, it's easy to keep an eye on trends and events on a larger scale. And if you want to dig down for in-depth analysis of a specific location, you can also show higher resolution data from a single local site. All Cartesian radar products generated by IRIS can be displayed, allowing users to view and cross-reference geographically referenced data, as well as other data types such as cloud height, wind velocity, and rainfall rates. All of this information is easy to view, even for first time users.

## Customize your data presentation with geographic layers

IRIS Vision gives you several options over how your data is presented to users, including a number of different geographic base layers based on OpenStreet maps with standard, simplified, and terrain views that allow you to display features such as roads, cities, and political borders. Users can adjust the opacity of the various data layers, which are based on OpenGIS, to put the weather data in a geographical context or focus more easily on what they want to see.

IRIS Vision has a CVSS (Common Vulnerability Scoring System) rating that is within the top 5% of all applications tested by cyber security company Silverskin. CVSS is based on the National Vulnerability Database that is used by several elite US agencies including the NSA. In short, your data will receive the strongest possible protection from unauthorized access and cyber threats, giving you one less thing to worry about.

## A cost-effective way to get more value from your radar network

You've invested heavily in your weather radar network, and now you can really fulfill its potential. An add-on to the IRIS radar application, IRIS Vision is a cost-effective and hassle-free way to get your data to the people who need it and really make the most of its value. With no specialist setup needed, you can get IRIS Vision up and running quickly and cost-effectively. You can also

justify your investment to budget-makers and investors with live demonstrations of use-cases rather than needing to verbally explain what can often be a complex topic.

## Ease of use brings your weather data to a wider audience

IRIS Vision's extensively tested user interface is designed for ease of use. Viewable in any web browser, this user-friendly application has a gentle learning curve that makes it easy to view and understand the desired information without wasting time and resources on training, even for non-specialist users.

A single IRIS Vision server supports up to 500 simultaneous client account connections, with no requirement for any additional hardware or software. The user interface is available in English, Russian, Spanish, and Portuguese. Other languages can easily be added on request, and online help already exists in multiple languages.

# Technical data

## Server specifications

Server frame	Dell PowerEdge R320
Processor	Intel Xeon E5-2407 v2 2.40GHz, 4Core
Memory	2 x 8 GB RDIMM
Hard disk	2 x 1.2 TB,SAS 2.5", 10K RPM hot-plug
Operating system	CentOS Linux

Find out more at [www.vaisala.com](http://www.vaisala.com)



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For more information, visit [www.vaisala.com](http://www.vaisala.com) or contact us at [sales@vaisala.com](mailto:sales@vaisala.com)

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