VAISALA

Vaisala Jade Smart Cloud

Reliable wireless online humidity measurement monitoring

With a basic license you can:

• Manage your devices

• View live data

• Track long-term data graphs

• Manage multiple projects

• Link measurements to floorplans

• Receive alerts

You get everything you need from a vendor you trust: software, hardware and calibration services.

What is Vaisala Jade Smart Cloud?

Vaisala Jade Smart Cloud is a convenient cloud-based data service for measuring humidity. The application can be accessed through the web browser on your mobile phones, tablets, or PCs, making it ideal for professionals who want access to quality measurement data anywhere and at any time.

The service consists of:

• Data loggers with humidity and temperature probes

• One or more access points

• A software license that gives access to the cloud and allows data to be viewed remotely

You always have access to the latest software revision without any downloads.
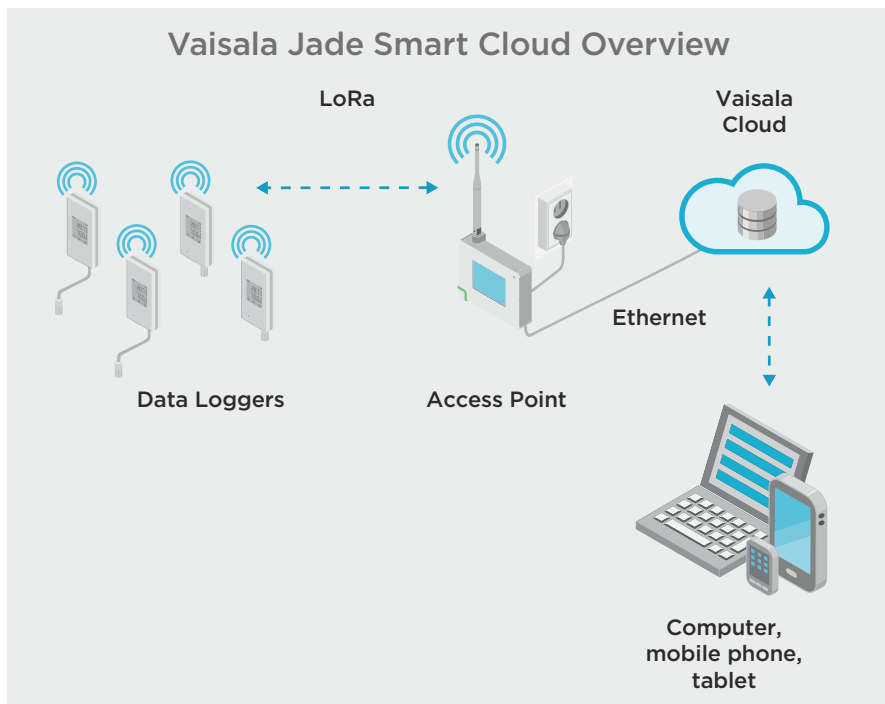
How does it work?

The system currently measures humidity and temperature and saves the measurement data from the loggers in the cloud. You can access your data using a mobile device or a computer that allows you to view reliable and accurate measurements and the latest data trend graphs, monitor humidity conditions and understand better what is happening on your site, and receive alerts when something goes wrong.

The system is optimized for smartphones and currently available in English or Finnish.

Is it complicated to set up and use?

Not at all! The system is remarkably easy to get started – all you need is mains power, network access, and an Ethernet cable – we do the rest. All other devices are connected to your account at our factory and require no configuration. Your first measurement data will appear and the access point will show how many data loggers you have connected. The main user can then create accounts and invite new users and partners to view data, increasing transparency.

All data is stored in a tamper-proof format in the cloud, with a time stamp of the measurement. You can share live data with your colleagues and customers, or generate reports quickly and easily in .csv format by downloading the last 30 days' data from the cloud.

If all else fails the loggers also store 30 days worth of data, which can be downloaded to a computer with a USB cable. Reports combine graphs of measured data, site pictures, and notes, with clear visuals using color-coded icons.

Who would benefit from the service?

Applications that would benefit include museums and other public buildings, concrete moisture measurement on construction sites, data centers, cleanrooms, and animal shelters. Also laboratories would benefit from using the wireless service to monitor humidity.

Vaisala Jade Smart Cloud Overview

LoRa

Vaisala Cloud

Data Loggers

Access Point

Ethernet

Computer, mobile phone, tablet

Benefits of Vaisala Jade Smart Cloud

- **Simple to use:** no setup or pairing is needed – devices appear directly on your account; just switch on the power and the data loggers will connect.

- **Time saving:** less traveling between sites means you can complete more projects with the same number of people, and fast setup makes transition from one site to another easy. Data monitoring is quick and easy because the application is mobile optimized and lightning fast.

- **Reliable:** Vaisala Jade Smart Cloud is a field-proven measurement system which uses proprietary LoRa-based radio protocol for gap-free data. Hourly measurement averages give more reliable values than point measurements. Vaisala is a leader in measurement solutions and offers an unbeatable combination of technology, experience, and services.

- **Available anywhere:** because everything works on a mobile device, you can get real-time data wherever you are. Real-time data also allows for better project planning and resource usage.

- **A complete solution:** hardware, software, and calibration services – all from one trusted partner.

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Please contact us at
www.vaisala.com/contactus

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