dot Cloud

Overview

dot Cloud Monitoring Software is a web-based solution platform, purpose-built for dot series data loggers, such as the VWdot series, Adot series, WBdot, TILTdot, RAINdot, SHAKEdot, and others. With its intuitive interface and simple setup, this software grants users 24/7 access to real-time monitoring on both computers and mobile devices. Notably, it offers automated alerts when data exceeds predefined limits, ensuring timely notifications and efficient monitoring.
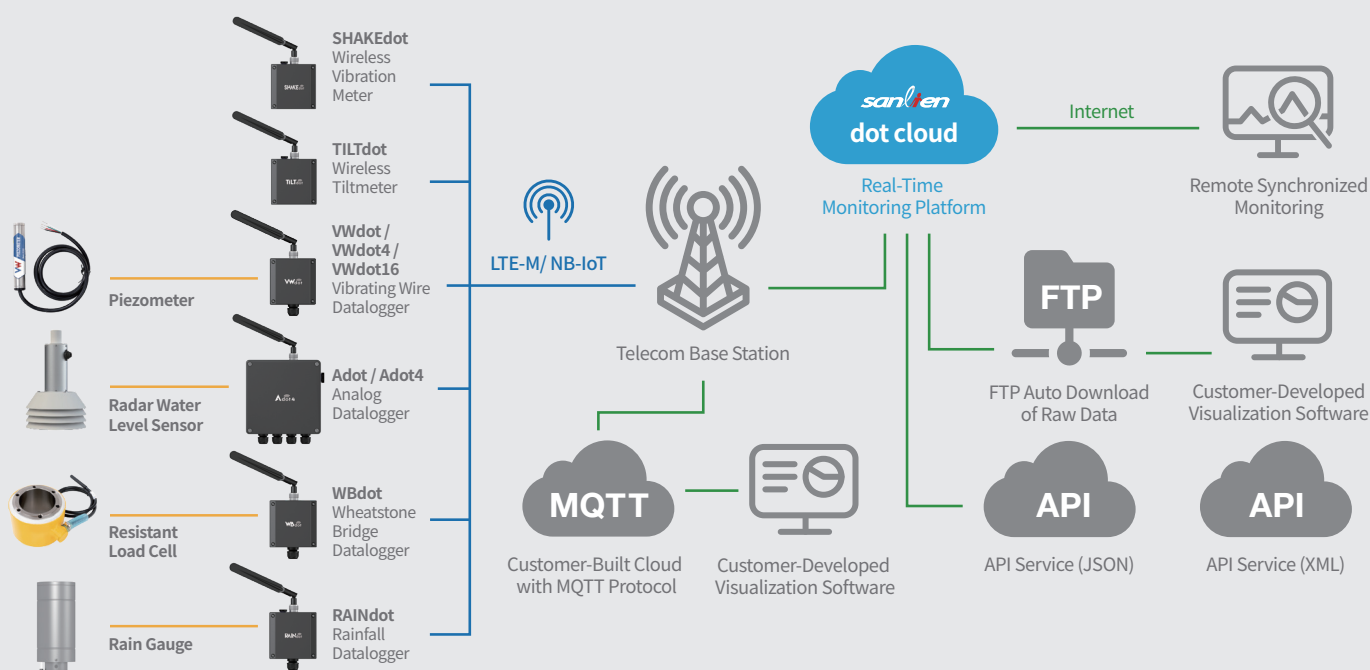
iOS
Please Search 【Sandot】

Android
Please Search 【Sanlien dot】

dot Cloud Platform Service

☑ Engineering Units Conversion and Display
☑ Real-Time Monitoring Data Display
☑ Historical Data Query and Download
☑ Historical Graph Query and Download
☑ Safety Threshold Settings with Indicator Lights
☑ Map Display Showing Instrument Installation Locations, Real-Time Monitoring Results, and Safety Indicators

☑ Battery Life Percentage Display and Low Voltage Email Notification
☑ Remote Measurement Frequency Adjustment
☑ Project Sharing Feature for Synchronized Viewing by Other Users
☑ Mobile Device App Service
☑ FTP and API Data Forwarding Function
☑ Email, SMS, and App Notifications for Exceeding Management Thresholds

dot Series Wireless Monitoring System Architecture

SHAKEdot Wireless Vibration Meter

TILTdot Wireless Tiltmeter

VWdot / VWdot4 / VWdot16 Vibrating Wire Datalogger

Piezometer

Adot / Adot4 Analog Datalogger

Radar Water Level Sensor

WBdot Wheatstone Bridge Datalogger

Resistant Load Cell

RAINdot Rainfall Datalogger

Rain Gauge

LTE-M/ NB-IoT

Telecom Base Station

sanlien dot cloud
Real-Time Monitoring Platform

Internet

Remote Synchronized Monitoring

FTP
FTP Auto Download of Raw Data

Customer-Developed Visualization Software

MQTT
Customer-Built Cloud with MQTT Protocol

Customer-Developed Visualization Software

API
API Service (JSON)

API
API Service (XML)

Main Functionalities

Real-Time Monitoring Data Display

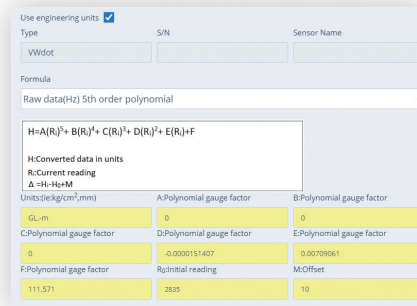Access real-time data recorded by your dot.

Security Management Value Configuration

Provides instant visual cues about the status of the object and display safety status indicators.

- 🔴 **Danger**
- 🟡 **Warning**
- 🔵 **Caution**
- 🟢 **Normal**

Built-in Engineering Units

Allows user to tailor the data analysis to their specific needs.

Instant Alerts

Email and SMS notifications for low voltage and exceeding management values.

5

Below 5% **Automatic Notifications**
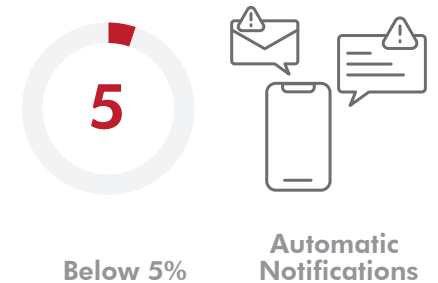
History Record and Chart Inquiry and Download

Allow users to retrieve and download historical data for specific time periods
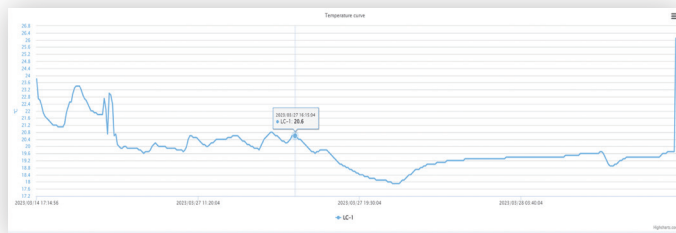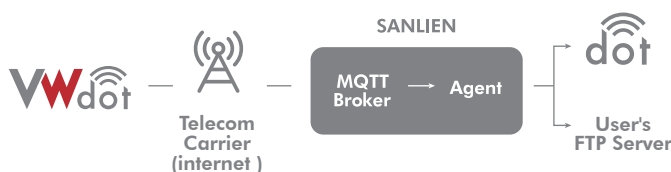

Map Display

dot brings your data to life through dynamic geolocation and real-time monitoring

FTP Client Transmission Service

Your private FTP server can receive the same data from dot.

API Service

Allow users to share real-time data with their partners on dot.

- ☑ **Latest Record**
- ☑ **Record Que**
- ☑ **Chart Que**
- ☑ **Map**