



innovation in  
geotechnical  
instrumentation

TEL 604 540 1100  
info@rstinstruments.com  
www.rstinstruments.com

RST Instruments Ltd.  
11545 Kingston St.,  
Maple Ridge, BC V2X 0Z5 Canada



	PRODUCT CATEGORY:
	ANALYSIS SOFTWARE

# VISTA DATA VISION



## > WHAT IT IS

A comprehensive data management system for long term measurements that stores geotechnical data in a web hosted database for real-time access by multiple assigned users. VDV also offers integrated alarm services, custom reports and data handling toolkits.

## > WHY IT IS IMPORTANT

Where a wide variety of data loggers and geotechnical sensors are deployed, VDV can efficiently store and organize the data collected with only a few mouse-clicks.

When tens and hundreds of data loggers are connected to thousands of sensors, VDV offers a real-time visual interface to a large number of users at different locations.

Where critical alarms are a requirement, VDV offers various alarm settings for alerting users.

## > APPLICATIONS

VDV can be used wherever a data management system for geotechnical data is required and where large amounts of data loggers and monitoring sensors are deployed.

Dams and reservoir sites.

Underground and open-pit mines.

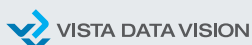
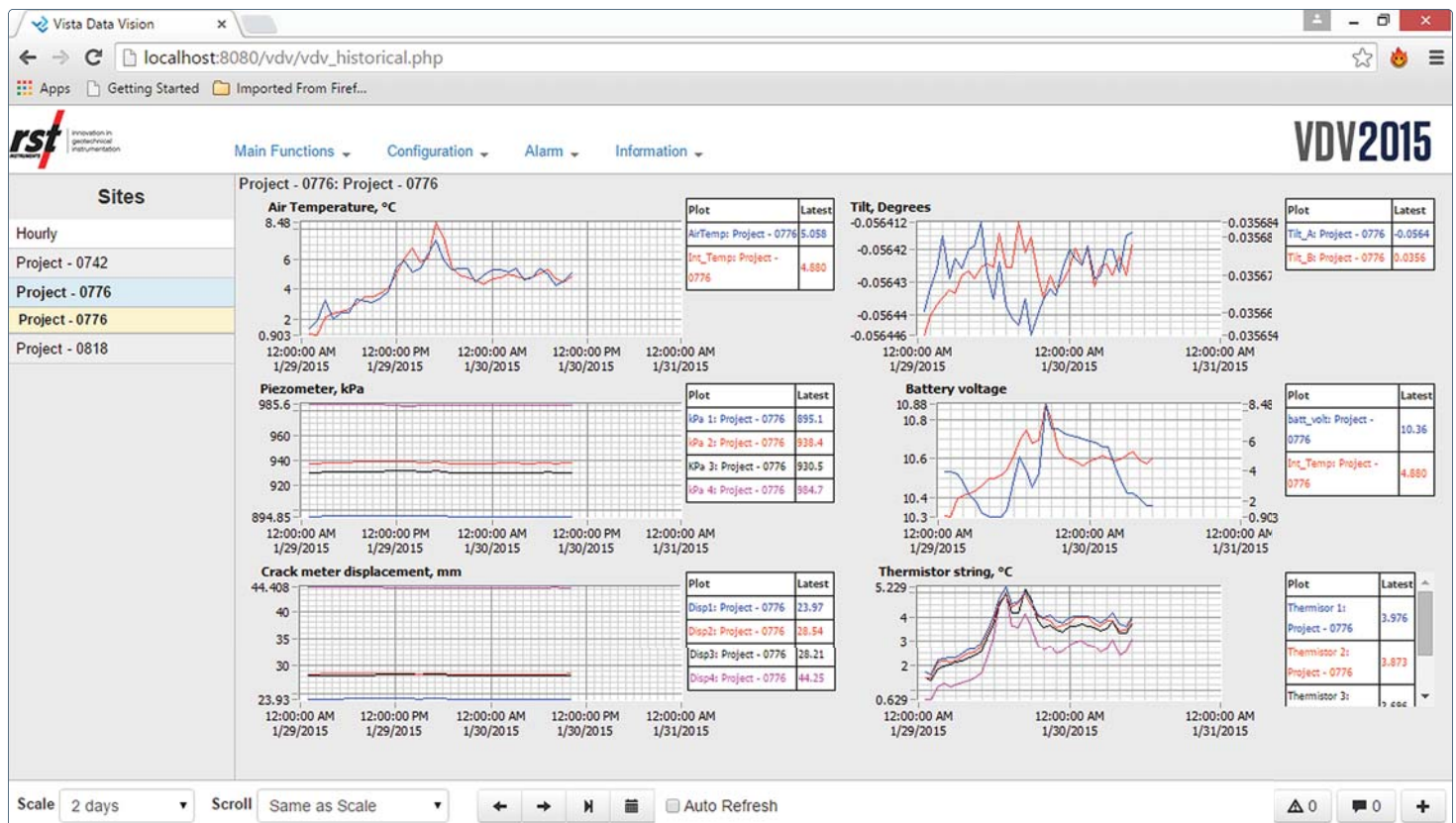
Large infrastructure projects such as highways, bridges, subways, rail systems, etc.

## > FEATURES

Please see reverse.

## > BENEFITS

✓ <b>Increase Safety</b>	✓ <b>High Reliability</b>	✓ <b>Increase Productivity</b>
✓ <b>Lower Operational Costs</b>	✓ <b>Real-time Reporting</b>	✓ <b>Technical Support</b>



Multiple graphs showing various types of historical data for crack meters - all in a single window for quick viewing. The main menu consists of 4 simple drop down menus for quick access to Functions, Configurations, Alarms and Information.



innovation in  
geotechnical  
instrumentation

TEL 604 540 1100  
info@rstinstruments.com  
www.rstinstruments.com

RST Instruments Ltd.  
11545 Kingston St.,  
Maple Ridge, BC V2X 0Z5 Canada



# VISTA DATA VISION (VDV)



PRODUCT CATEGORY:  
ANALYSIS SOFTWARE

## FEATURES + ORDERING

### > FEATURES

#### VISUALIZATION

Highly intuitive GUI (Graphical User Interface) offering real-time displays of data, trends and alarms.

Visualization of inclinometer data in displacement graphs with horizontal and vertical axes.

Custom reporting options: XY graphs, intensity graphs, overlay graphs, sort by size, histogram, download of data, etc.

Control all aspects of graphs and trend lines: colour, thickness, moving average, single or dual Y-scales, automatic and fixed Y-scales and linear and logarithmic Y-scale and X-scale (time axis).

#### WEB BASED

Web based data hosting services on dedicated servers, or on client's own servers.

Built-in web service serving any number of web-based users on all major web browsers simultaneously.

VDV stores its data in the speedy and robust MySQL relational database. All operations are automatic and invisible to the user, so there is no need to be a database specialist. A MySQL commercial license is included with the purchase of VDV.

#### DATA

Accommodates small and large data logger networks - from tens and hundreds to thousands of sensors.

VDV can import data from almost any data logger system, either directly or using the VDV File Converter.

Support for data from total stations and GPS stations.

Manual input of data via web interface and via data files. New records may be added and edited on-line. This is useful for manual input of sensor readings.

The "Keep Alive Monitor" lets network monitoring programs know if VDV is up and running - crucial for 24/7/365 systems.

VDV is perfect for combining geotechnical data, ambient weather data and industrial data into a single data handling system, offering an intuitive and very powerful graphical interface to data presentation and other data handling.

#### ALARMS

Alarm thresholds (LL, L, H, HH) are easily adjusted through the VDV web interface.

Alarms are sent as email and/or SMS and can be easily configured to which users receives them.

With "Alarm Repeat" and "Alarm Delay", users can minimize false alarms (noise readings).

#### REPORTING

VDV allows for the creation of various automatic reports, to be issued daily, weekly, monthly, quarterly and yearly.

Create reports as tables, graphs, list of alarms, sensor readings, notes and more.

An unlimited number of user defined report types are supported.

Reports are written to a file and sent automatically by email to user groups.

### ORDERING

VDV is offered in 3 versions; however, due to the unique aspects of every project, please contact RST Instruments Ltd. (sales@rstinstruments.com) for complete details on pricing, optional toolkits and data hosting options that are best suited for your project.

#### PREMIUM

An all inclusive solution to run a complete data management system.

#### CLASSIC

A mid range solution.

#### LITE

Entry level solution for publishing data to the web.

Graphs & Tables

Graphs & Tables

Graphs & Tables

Access Control

Access Control

Access Control

Web Interface

Web Interface

Web Interface

Data Analyzing Tools

Data Analyzing Tools

Data Analyzing Tools

Download Data

Download Data

Download Data

Alarm Function

Alarm Function

Run as Windows Service

Run as Windows Service

Reports

Reports

Real-Time Display

Real-Time Display

Web Configuration

Documents

Webcam

Notes

