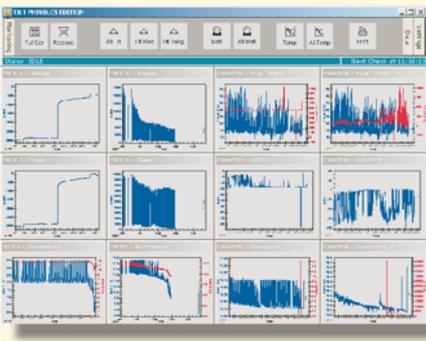# TiltSoft

The rich feature set of the *TiltSoft™* software delivers high-quality and easy to use volcano monitoring capabilities.

MONITORING

Whatever your monitoring needs are, *TiltSoft™* is the answer to your surveillance fields: seismic data, RSAM, SSAM, rain falls, GPS and tiltmeter deformations, gas analysis, chemical lava compositions, temperatures, battery levels, AFM Lahars, lake degassing processes, etc.

TiltSoft™ is right on the target: it has been designed by a volcanologist for volcanologists.

The application brings critical information in an attractive way that anybody can quickly understand. This tool is a support to the persons in charge of the surveillance. That's why it turns data into charts.
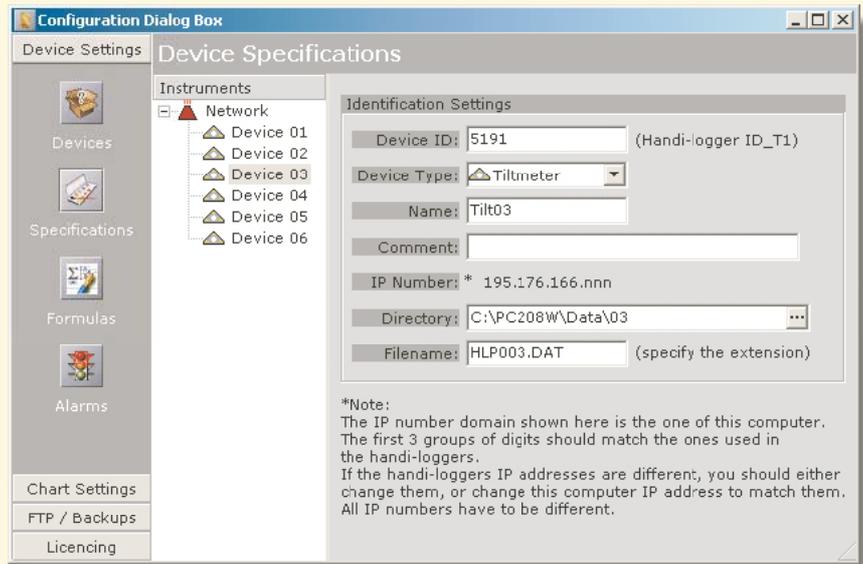
Columns of numbers are useless during volcano crises! Whereas charts and alarm warnings are understood immediately and can convince decision makers to take appropriate actions to save lives and goods.

EASE OF USE

Complexity and customization of the software is handled through a logical user interface that eases the configuration and the navigation tasks.

It has been designed for intuitive use, and lets the users organize the charts the way they want. Zooming is available for each of them.

The users graphically navigate through the set of devices and define their parameters in categorized dialog boxes.

Colors, axis scales, units, titles, time frames, etc. Everything is controlled from the configuration center. It offers flexible ways to present the data the way they want.

ADVANCED FEATURES

Data collection can last for long periods of time, and is therefore directly subject to degrading conditions in such hostile environments as volcanoes.

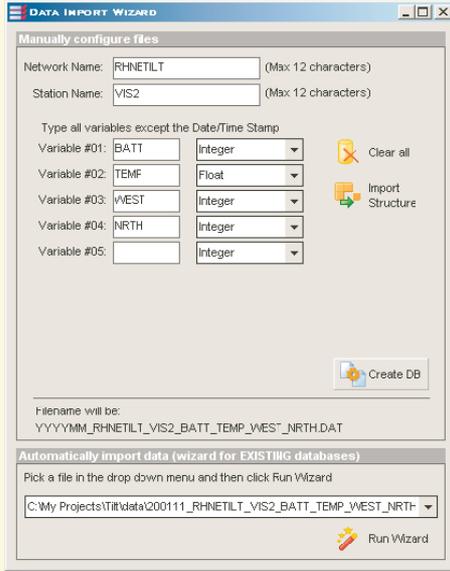*TiltSoft™* offers an inventive way to correct the data over time by letting the users enter mathematical formulae, as parameters, directly into the application, avoiding them to export the data in an external application to apply corrective factors. Drifting instruments, errors, etc. can be corrected on the fly.
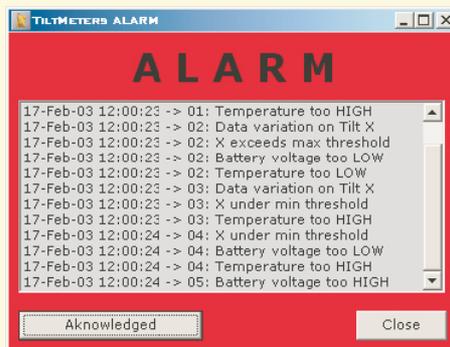
Its architecture makes it expand-able to specific requirement in case yours are not already cov-ered by its functionalities.

TiltSoft™ can be used right out of the box if you organize your data acquisition in a simple self-describing manner through an easy-to-use file structure wizard that will create databases for you.

If required, training is available on site, covering the software use and configuration as well as the devices deployment to the field (training is provided in English or French).

Training is provided by a volcanologist involved in monitoring since 1993.

Also, software customization is available to fullfill any specific requirements you may have.

Contact TiltSoft for a quote.

The software user interface can be easily translated into local languages in order to cover your audience needs. The end-users will receive tools to do the translation at their convenience, without being tight to TiltSoft.

Any language supported by Windows™ is available, including non Roman characters such as Russian and Japanese.

> "In volcanology, a pic-ture can be worth a thousand lives."

- 1 to 20 charts
- database operated for fast access and data sorting
- ftp enabled
- real-time monitoring
- multitasking
- alarm handling
- zooming
- powerful chart customization
- fast built-in formula interpretation
- fully documented manual

Minimal requirements

Windows™ 2000/XP
Pentium III 600Mhz
256 Mb RAM
1024x768 minimal resolution

Internet connection recommended