VIVAX METROTECH
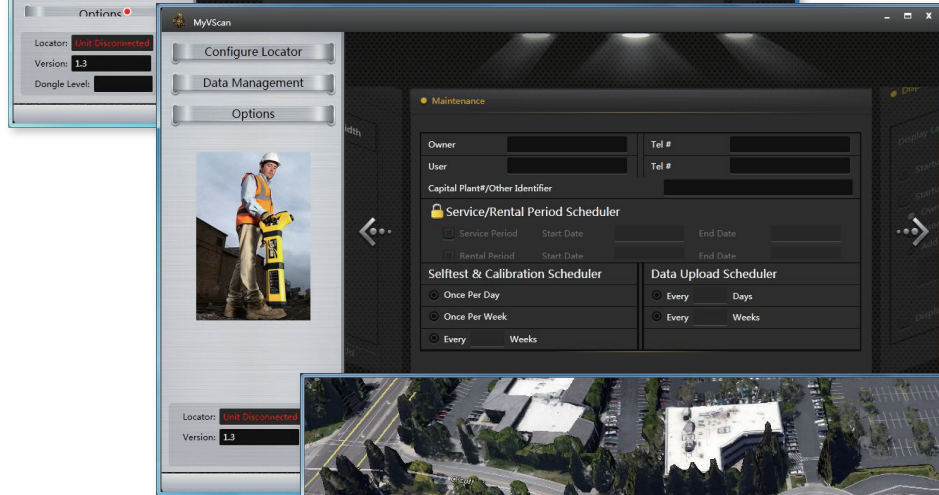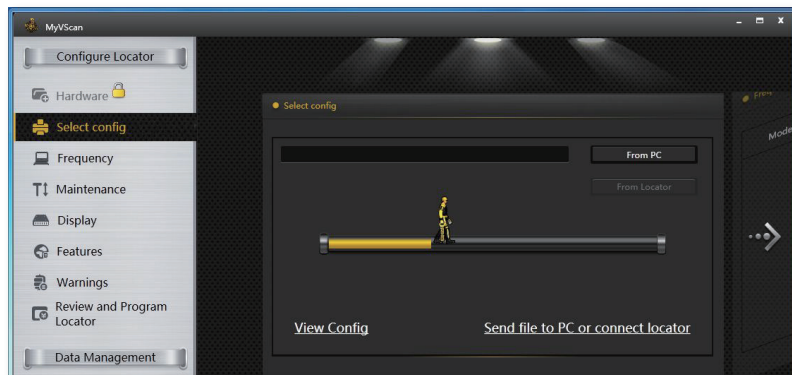
MyvScan App

MyvScan App

A desktop software utility used to configure a Vivax-Metrotech vScan avoidance tool/locator and to manage the transfer and analysis of data logged by the vScan. Download for FREE from: www.vivax-metrotech.com.

Your vScan comes configured and ready to use as an avoidance tool - or - pipe and cable locator. For day-to-day avoidance or locating you don't need to use MyvScan.

MyvScan enables personalization of the vScan and is used to manage the data logged.

Custom Configuration

All configurations can be stored and copied to multiple locators.

Plant or safety officers can set and control the configuration of their locators. Those configurations can be locked (using the optional "lockout" dongle). The user cannot change that configuration.

Personalize
- Add owner and user contact name and telephone #
- Show a message on the startup screen
- Add a logo or picture as a background

Features
- Date, time, time zone and format
- Select or de-select features
- Set standby/shutdown times
- Setup units of measure
- Define default "Startup" mode

Warnings
All warnings can be communicated by an icon on the display, an audio sound, or a sharp vibration of the handle, these are selectable. Under certain conditions the locator can also be "shutdown".

The key locate warnings/alerts provided by the vScan are:
- Swing alert
- Shallow line alert
- Signal overload alert
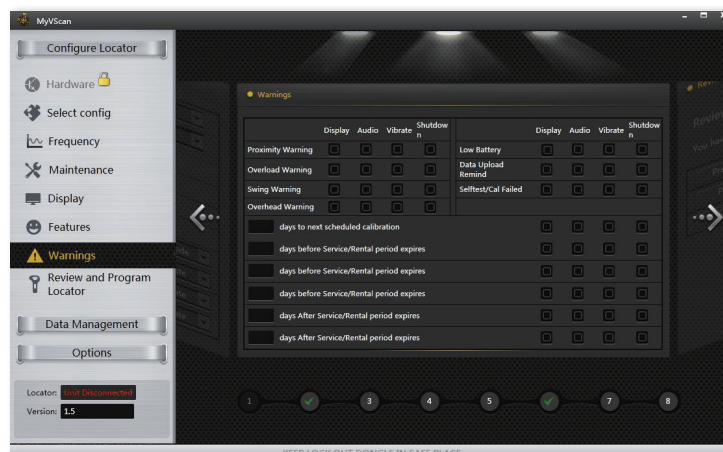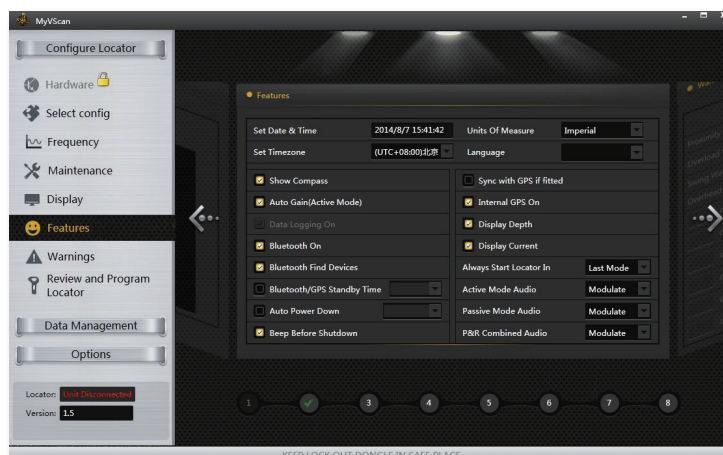- Overhead signal alert
- Action required alert

In addition an action required alert prompt the user that:
- Self-test/calibration due/overdue
- Service/maintenance required
- Rental period ended
- Data upload due

Scheduler
Schedule routine events:
- Self-test and calibration verification schedule
- Prompt to upload data
- Prompt when service is required
- Prompt when end of rental period is approaching

Importing/storing data and updating software
Decide where to store data, on your PC, a network, or the Cloud. When a vScan is connected, MyvScan will prompt to upload data or install updated software to your vScan.
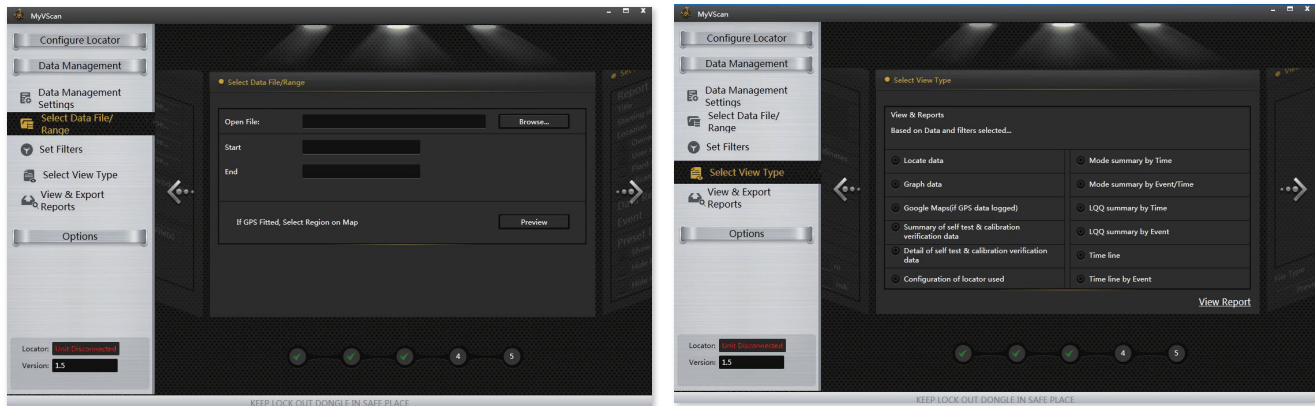
Templates
The following shows how a report is configured, any report configuration can be stored as a template and reused or modified at any time.

Choosing the data to view
When optional GPS is fitted, preview and select the data required on Google map.

MyvScan will log significant data at each data point. A drop-down dialogue box is provided to select which data to review. An event menu is provided to select data recorded only when the "i" button is pressed.

Preset Data Filters
When locating, the vScan operator can create a flag in the data log to indicate the start and end of an area of interest – if selected in MyvScan all but "areas of interest" will be filtered out. Similarly the locator can identify data where none of the conditions required for an acceptable locate are present – by selecting "filter out unqualified data" all non-complying data will be filterd out. Selecting any of these filters does not destroy the data it only filters it from the report being generated.

Depth, shallower than or deeper than are useful filters to identify sections of buried lines when digging close proximity.

View data
The data you have selected can now be viewed using a selection of pre-defined report formats. Look at raw data, graphs or data displayed on Google Maps.

Quality Data
vScan configuration, self-test and calibration records can be uploaded and viewed. A self-test and calibration verification certificate can be generated for printing, saving or exporting.

Mode Usage
The time spent in each mode can be portrayed as "absolute time" or "comparatively" as a pie chart, useful in establishing if work practices are being followed.

Time
Provides information regarding the time the locate was started and finished and any stoppages in between, also the time between "info" presses, and time spent on areas or interest vs general locating.

Export
Data can be previewed on the screen, saved, or exported in any of the following formats.
.XLS, .XLSX, .CSV, .SHP, .KML, .PDF, .JPG

Vivax-Metrotech will expand the ability to format and filter report provide additional useful ways of reviewing the data.
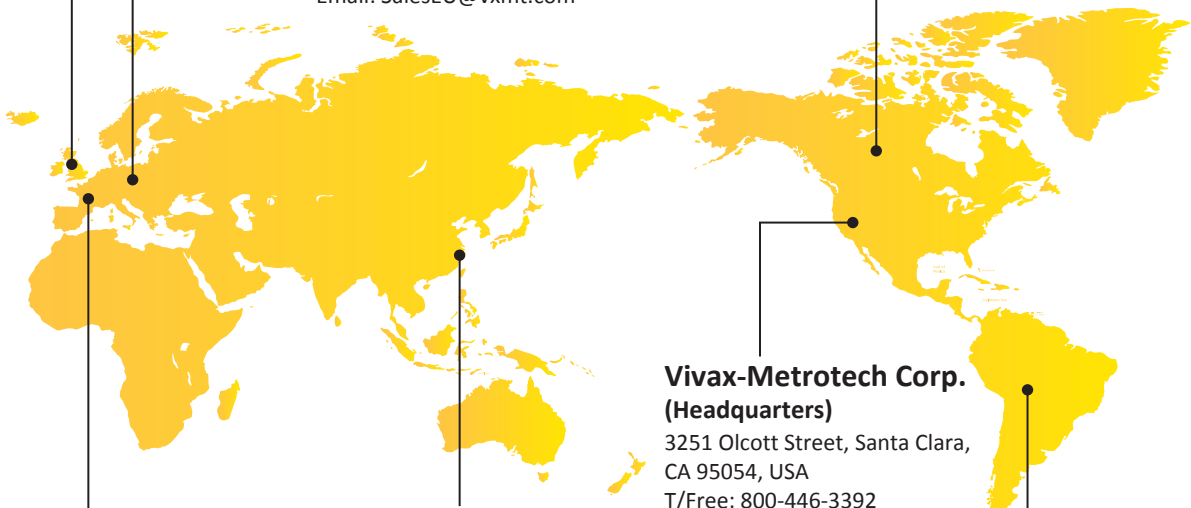
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