

Multi-Channel Systems

 [vallon.de](http://vallon.de)

# VXV Handcart

Handcart for Large Area Survey



*Searching with Excellence*



# VXV – Handcart

## Handcart for Large Area Survey

The handcart VXV for magnetometer probes does not require maintenance and is extremely rugged thanks to its aluminum/GFRP construction.

Civil as well as military users appreciate the extremely rugged and maintenance-free construction.

The extra-large wheels allow for operation over light bumps and can easily be removed for transport.



Handcart VXV4 slim  
support of 3 probes at a distance of 50 cm  
(shown with optional components)

- ✓ Handcart for magnetometer probes with rugged, long-lasting aluminum/GFRP construction
- ✓ Handcart VXV4 slim – Support of 3 probes at a distance of 50 cm or 4 probes at a distance of 33 cm
- ✓ Handcart VXV4 wide – Support of 4 probes at a distance of 50 cm
- ✓ Handcart VXV8 basic version – Support of 4 probes at a distance of 50 cm or 6 probes at a distance of 33 cm
- ✓ Handcart VXV8 full version – Support of 8 probes at a distance of 50 cm
- ✓ Extension kit for upgrade from Basic- to Full Version
- ✓ High-quality wheel design
- ✓ Detachable wheel set for transport
- ✓ Antenna mount for optional GNSS



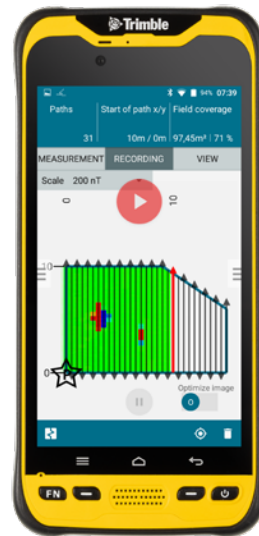
Handcart VXV8 full version  
support of 8 probes at a distance of 50 cm  
(shown with optional components)

# The VALLON Plus: Software for Mobile Data Logging

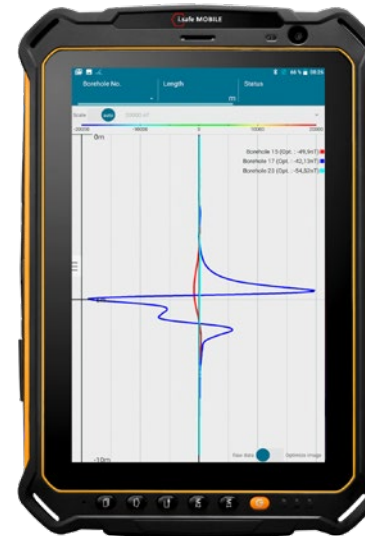
EVA4mobile® – Powerful Android-Software for Acquisition of Surface and Borehole Data with VALLON Detectors



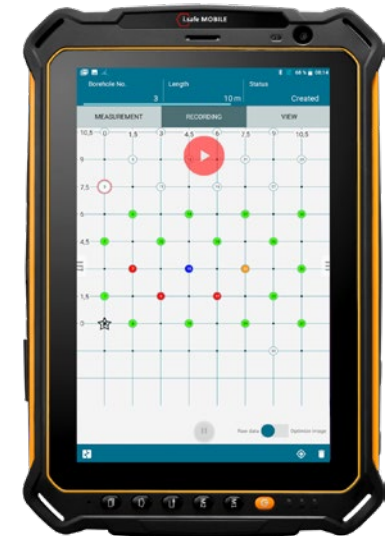
Clear project management with display of the most important field and project information (exemplary screenshot with VFC4.1)



Data acquisition of freely customizable field configurations as well as direct magnetic field display in color, also with GNSS (exemplary screenshot with VFC4.1)



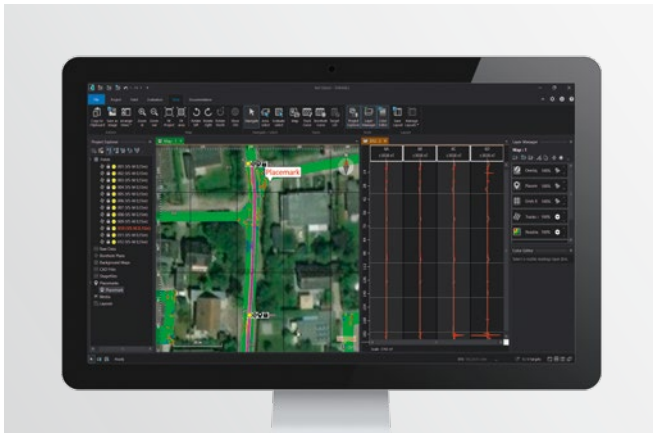
Simple display of borehole data (exemplary screenshot with VFC4plus)



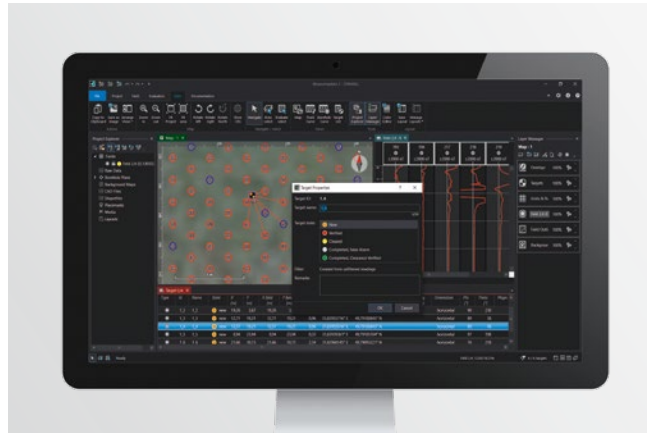
Convenient data acquisition and navigation in the borehole field (exemplary screenshot with VFC4plus)

# The VALLON Plus: Evaluation Software for Surface and Borehole Survey

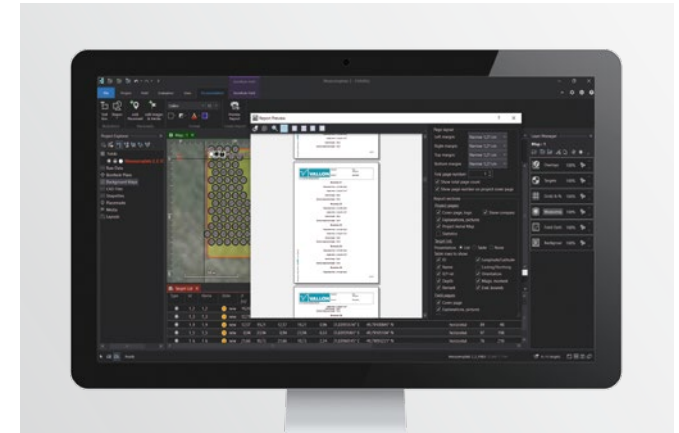
EVA4ALL® – Software Solution for Microsoft Windows for Display, Georeferencing, Evaluation and Documentation of Surface and Borehole Data



Placement of marker with simultaneous display of measured data, track views, etc.



Speedy object calculation, including from georeferenced borehole data



Simple creation of customizable project reports for immediate output of documentation

## Flexible interfaces

Extensive import and export features facilitate cross-platform work. This applies to the export of commonly used data formats for further processing in third party software as well as to the compatibility to previous VALLON products. As a result, data from the field computer VFC2 and existing EVA2000 projects can be imported without any problem.

## Tools for georeferencing

Besides the possibility to include georeferenced maps into the project display, the software offers extensive tools and high-quality maps. In case an internet connection is available, the full functional range of Bing Maps can be used. The likewise integrated access to OpenStreetMap also offers an offline mode.

## Automated documentation

The integration of a largely automatic documentation was carried out in close cooperation with long-standing customers. Creating individual reports was simplified and accelerated considerably through an optimized workflow.

## Customer satisfaction is top priority at VALLON

The support and all future updates are already included. VALLON offers with EVAL4ALL® a state-of-the-art and future-oriented software. Wishes and suggestions are continuously incorporated into the further development and will be included in new releases.

# VALLON – A strong Partner

## Experience is irreplaceable

As a family-run business from Eningen in Germany we became a global player within the field of explosive ordnance detection and the assessment of contaminated sites. All our activities focus on providing our customers with the best product for the respective application.

### ✓ GUIDANCE

From the initial contact to the selection of the optimal detector system and to the point of the professional start of operation – VALLON accompanies the complete process and supports you in a competent and professional manner.

### ✓ SOFTWARE

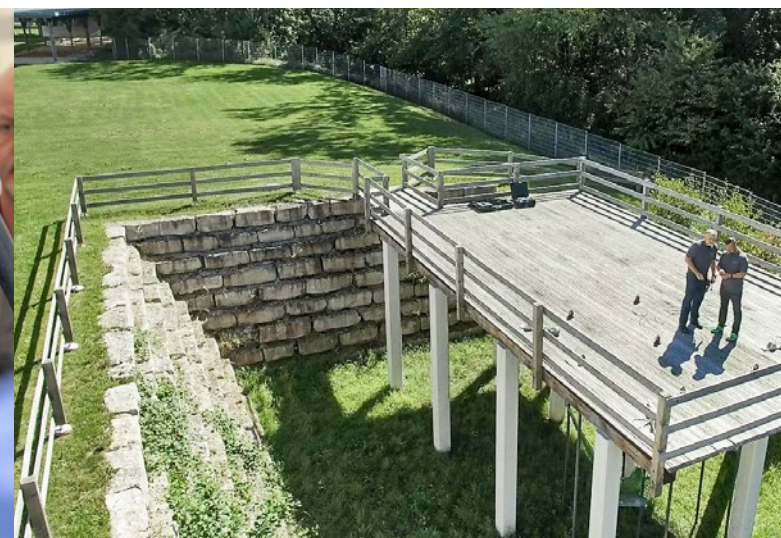
With the EVA4mobile® and the EVA4ALL® VALLON offers powerful software for data acquisition, evaluation and documentation. The firmware of VALLONs fourth generation of metal detectors is subject to continuous further development and can be adapted to satisfy specific customer requirements.

### ✓ DETECTORS

Our product portfolio includes efficient solutions for detecting mines, improvised explosive devices (IEDs) and unexploded ordnance (UXO) – for the use on land, underwater and in boreholes.

### ✓ TRAINING

In order to optimally prepare the user for their daily work VALLON offers custom-tailored training. The training courses can take place upon agreement on site or directly at VALLON in Eningen, Germany.





## THE PATH TO BECOMING A GLOBAL PLAYER

1989: With the manually pushed handcart with three sensors, larger areas can be scanned effectively. The VALLON MC1 field computer acquires the data in parallel. Subsequently, the data are evaluated with the VALLON-CAMAD evaluation software (see below). In this way, from locating found objects to evaluating them, everything can be done with products from VALLON.

Learn more under  
[www.vallon.de/en/history](http://www.vallon.de/en/history)



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