Software for Data Acquisition

vallon.de

# EVA4mobile®

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

*Searching with Excellence*

VALLON

# EVA4mobile®

## Powerful Android-Software for Acquisition of Surface and Borehole Data with VALLON Detectors

- **Android-App for comfortable acquisition of surface and borehole data**
- **Available with VALLON field computers VFC4.1/VFC4.1plus or Bluetooth® Beacon as a licensee**
- **Outstanding field navigation features in combination with differential GNSS**
- **Comprehensive tools for defining shape and position of fields**
- **Comfortable management of projects and fields**
- **Handling of various sensor configurations**
- **Best possible protection against data loss**
- **Free app download with restricted range of functions for a first impression**

EVA4mobile® uses the processing power of modern Android hardware and allows the comfortable acquisition of surface and borehole data with VALLON detectors. The range of applications extends from one-channel magnetometers on surface and in boreholes through multi-channel systems to metal detectors.

Information is provided on the screen in real-time, thus allowing collecting surface data by the brushstroke method: The survey area on the screen is simply being filled with color using the actual sensor array as the “brush” – if necessary also with differential GNSS support.

Feedback from users worldwide and the experience from their daily work is constantly implemented in EVA4mobile® leading to enhancement and new functions. For a first glimpse, EVA4mobile® can be downloaded free of charge. For a productive use, a license is required. EVA4mobile® is only available with VALLON field computers VFC4.1/VFC4.1plus or a Bluetooth® beacon as licensee.

The individual search-task as well as the detection system form the requirement for the suitable hardware that shall preferably be used. For the following options, EVA4mobile® offers the full range of functions:

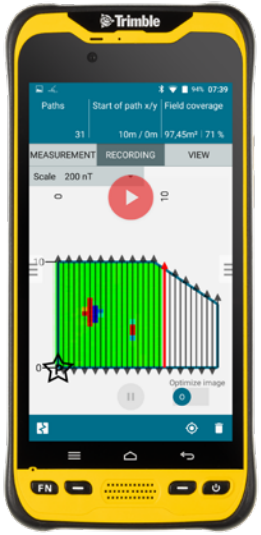
- **Smartphone-Size Field Computer VFC4.1 for Single-Channel-Applications, Small Arrays nd Borehole Detection**
- **Tablet-Size Field Computer VFC4.1plus for Multi-Channel-Applications**
- **Bluetooth®-Beacon for temporary license activation on any Android device***

**Hardware requirements (license through Bluetooth® Beacon): Operating system Android 4.4 KitKat (API 19), CPU 1,4 GHz Dual Core, Memory 2 GB RAM, Flash-memory 16 GB, Bluetooth® 4.0 (LE), Screen 4,7 Zoll, Resolution 720 x 1280 Pixel*

# EVA4mobile®

## Outstanding field navigation features in combination with differential GNSS


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 VFC4.1plus)

Convenient data acquisition and navigation in the borehole field (exemplary screenshot with VFC4.1plus)

# EVA4mobile®

## Available with VALLON field computers VFC4.1/VFC4.1plus or Bluetooth® Beacon as a licensee

### Integrated License

VALLON field computer VFC4.1 and VFC4.1plus
with integrated license EVA4mobile®

**Field Computer VFC4.1**

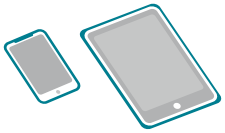
**Field Computer VFC4.1plus**

When purchasing a field computer VFC4.1 or VFC4.1plus with EVA4mobile®, a permanently integrated license is included which makes the device ready-to-use anytime. The VFC4.1 and VFC4.1plus can also be combined with a Bluetooth® beacon. In this case, the license is activated temporarily. In addition, the scope of supply includes all holders that are necessary for daily use.

### Bluetooth® Beacon as Licensee

Bluetooth® beacon
for temporary activation of the license on a
suitable Android device

**Android Device**



\+ OPTION

**Field Computer VFC4.1**

\+ OPTION

**Field Computer VFC4.1plus**

With the VALLON Bluetooth® beacon, EVA4mobile® can also be operated in combination with customers' own Android hardware. This solution allows the temporary license activation on any Android device. It is a small unit which communicates with a corresponding device via Bluetooth®-interface and which unlocks the features for data acquisition for a certain period of time by the push of a button.

# Hardware for Mobile Data Logging

## Android-Field Computer for Single- and Multi-Channel-Applications

### FIELD COMPUTER VFC4.1

Smartphone-Size Android-Field Computer for Single-Channel-Applications, Small Arrays and Borehole Detection.

**SCOPE OF DELIVERY:** Field computer VFC4.1, hard case, holder armbelt, holder for VX1, holder for small arrays, memory stick, USB cable adapt. micro B for plug A socket, USB charger (car), operation manual

6-Zoll-Feldcomputer VFC4.1

### FIELD COMPUTER VFC4.1plus

Tablet-Size Android-Field Computer for Multi-Channel Applications.

**SCOPE OF DELIVERY:** Field computer VFC4.1plus, hard case, holder for multi-channel systems, memory stick, USB charger (car), operation manual

8.0 inch Field Computer VFC4.1plus

# VALLON – A strong Partner

## Nothing can replace experience

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.

### 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.

### 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.

### 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.

OVER 50 YEARS OF
*Excellence*

## THE PATH TO BECOMING A GLOBAL PLAYER

1989: The VALLON field computer MC1 (Micro-Camad) was a waterproof, non-magnetic and compact computer for the recording of surface and borehole data. The measurement curves and depth calculation of found objects could be displayed and, together with the measurement protocol, printed out for documentation purposes on a battery-powered printer.

Learn more under
**www.vallon.de/en/history**

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VALLON

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