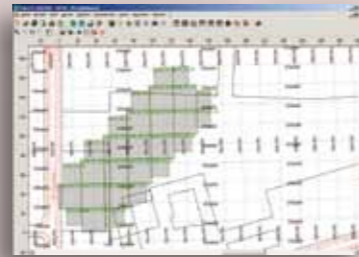


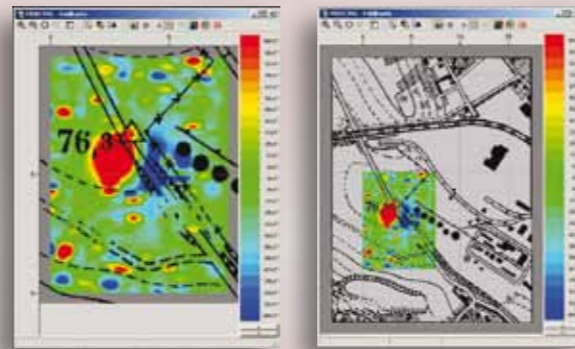
- Positioning and displaying the background map



- Overall view on all fields of a project in the project map, for example with background map and coordination grid.



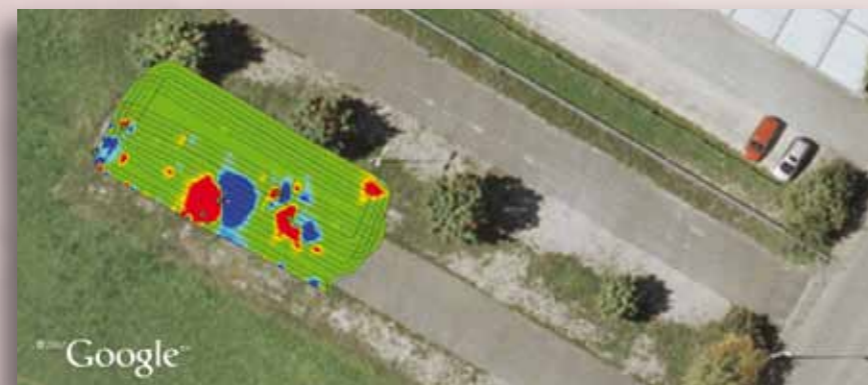
- Displaying field maps in the background



DATA IMPORT/EXPORT

Comprehensive import and export possibilities for data exchange with another software like for example Magneto®, Surfer®, AutoCAD®, Google Earth™, Geosoft Oasis Montaj® and others.

Georeferenced graphic display as per European patent no. EP 2 026 106



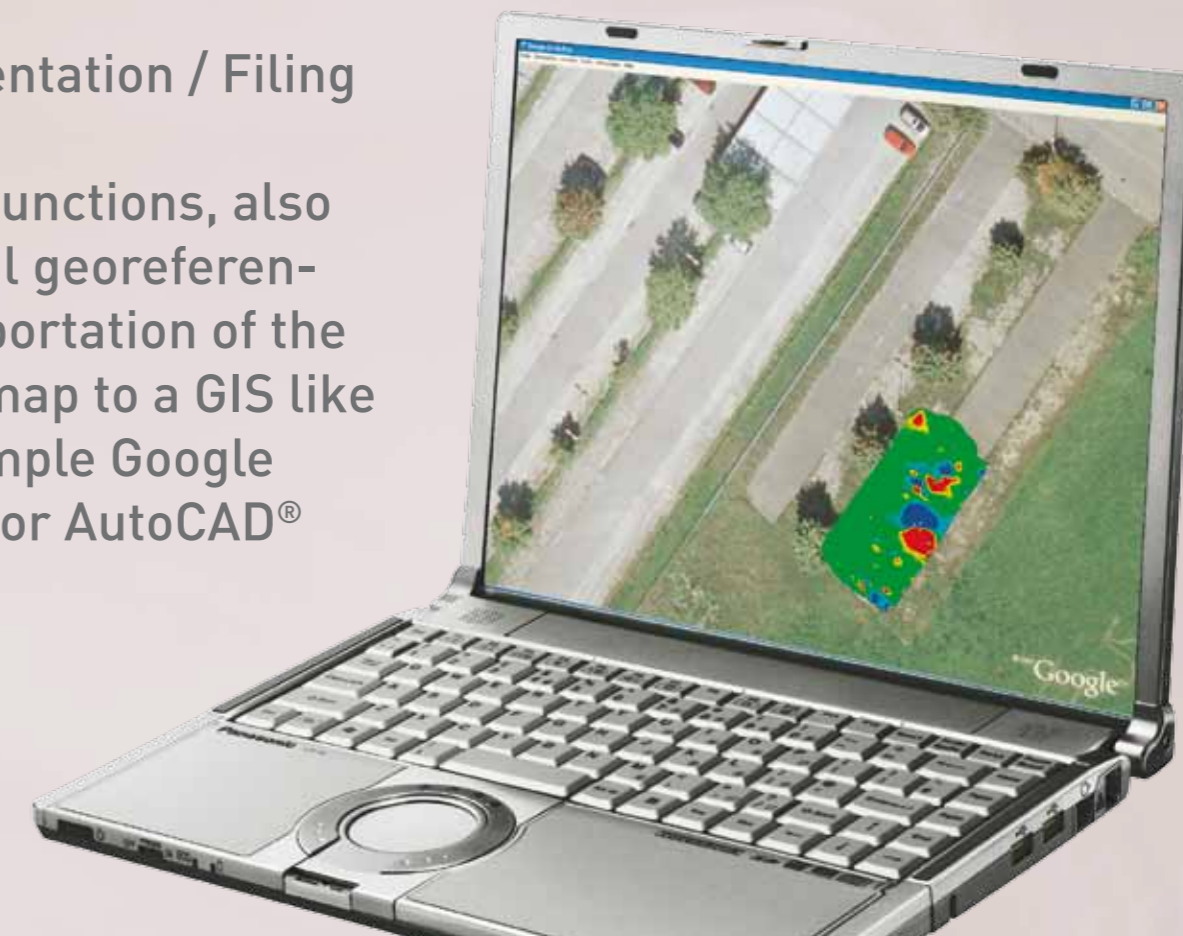
Protected by Patent No. EP 2 348 336
All technical data are subject to change without prior notice.
Issue 10/2016

Google Earth™ is a registered trade mark of Google Inc., USA
AutoCAD® is a registered trade mark of Autodesk Inc., USA
Magneto® is a registered trade mark of Sensys GmbH, Germany
Surfer® is a registered trade mark of Golden Software Inc., USA
Oasis Montaj® is a registered trade mark of Geosoft Inc., Canada

Vallon EVA 2000® 2.x

Efficient Software for the detection of UXO and other war remnants

- Data acquisition
- Data evaluation and display of measuring data of:
 - Ferrous locators
 - Metal detectors
 - Ferrous / metal detectors combined
- Documentation / Filing
- Export functions, also vectorial georeferencing exportation of the colour map to a GIS like for example Google Earth™ or AutoCAD®



Vallon EVA 2000® 2.x

comprises the following modules that can be ordered and installed according to your individual requirements. For data acquisition with a Vallon data logger and data processing with other manufacturer's software the module DATA-EXCHANGE is sufficient.

DATA-EXCHANGE

- Basic module necessary for operation of the software
- Interface to Vallon data loggers, data export

BOREHOLE

Evaluation and documentation of measuring data obtained during detection in boreholes

SURFACE

Evaluation and documentation of measuring data obtained during detection on the surface with magnetometers or metal detectors

GPS

- Enhanced documentation with other coordinate systems, like for example WGS 84, Gauss-Krüger, UTM, French Lambert
- Georeferenced display of all data

MULTISENSOR-DATA RECORDING

Surface data recording of measuring data of one or several sensors (1-16) in different arrangements with a personal computer, also mixed with metal detectors

DATA ACQUISITION

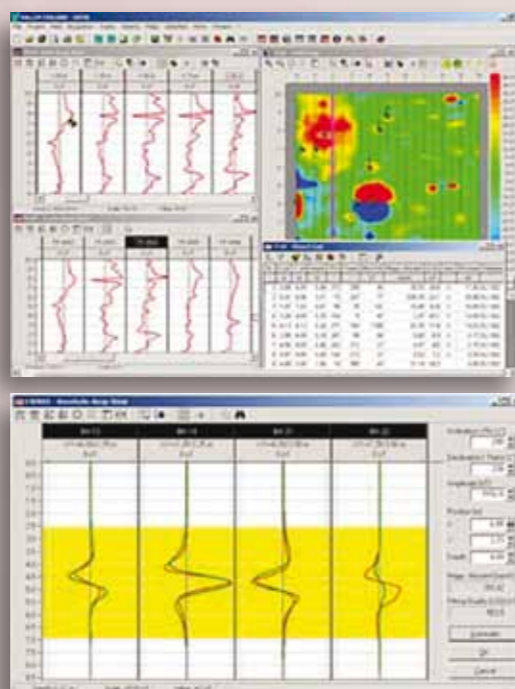
Field computer VFC2 with Software Vallon EVA 2000 Mobile or Laptop using software Vallon EVA 2000® 2.x with module MULTISENSOR-DATA RECORDING



DATA EVALUATION

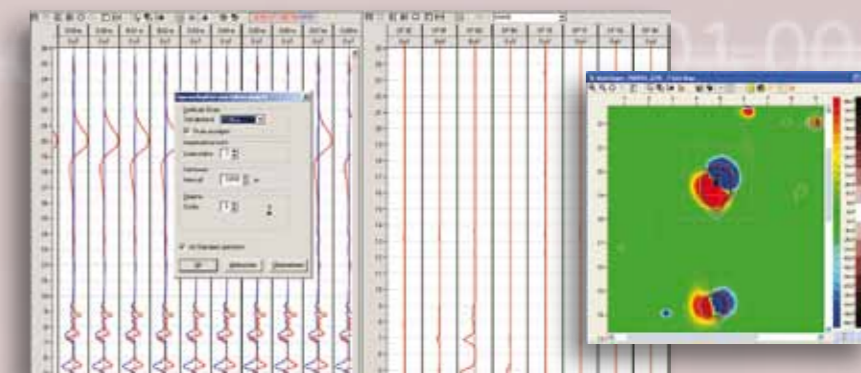
In case of surface detection with single sensors or multi sensor arrays data evaluation of the whole field can be made automatically.

In case of detection in boreholes the corresponding boreholes and the depth range to be evaluated must be determined before starting data evaluation.

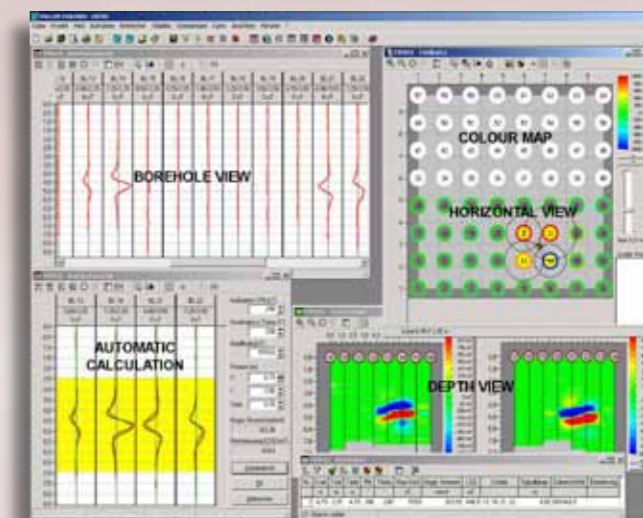


DISPLAY

- Surface:
Display in grids and tracks
Colour map, also combined with data of ferrous locators and metal detectors.



- Borehole:
Plan of borehole arrangement
Measuring curve of each borehole
Colour map of the depth view
Marking for calculation



- Object list with position data and magnetic values, GEO coordinates WGS 84 (long/lat) as well as miscellaneous local coordinate systems

Nr	X rel	Y rel	Eastng	Northng	Longitude	Latitude	Depth	Phi	Theta	MaxVal	Magn. Moment	LSQ	FitArea	Remark
	m	m	m	m	°	°	m	°	°	nT	Aof	nT	m²	
1	21.66	21.38	2519622.51	5371223.56	9°15.863342630	48°28.707612031	1.78	81	33	1025	147.67	40.0	25.29	
2	4.89	19.58	2519629.54	5371204.30	9°15.868995290	48°28.697207192	0.53	264	320	963	3.03	24.2	10.76	
3	4.79	14.43	2519634.49	5371202.87	9°15.873004549	48°28.696422666	0.81	253	206	350	1.00	7.6	7.97	
4	6.19	22.67	2519626.88	5371206.36	9°15.866846107	48°28.698323202	0.87	263	356	193	0.03	9.8	1.00	
5	22.44	7.56	2519645.71	5371218.12	9°15.882156010	48°28.704630361	4.33	46	38	38	78.30	0.3	56.66	

PROJECT MANAGEMENT

- Summarizing or splitting of borehole fields or surface fields

