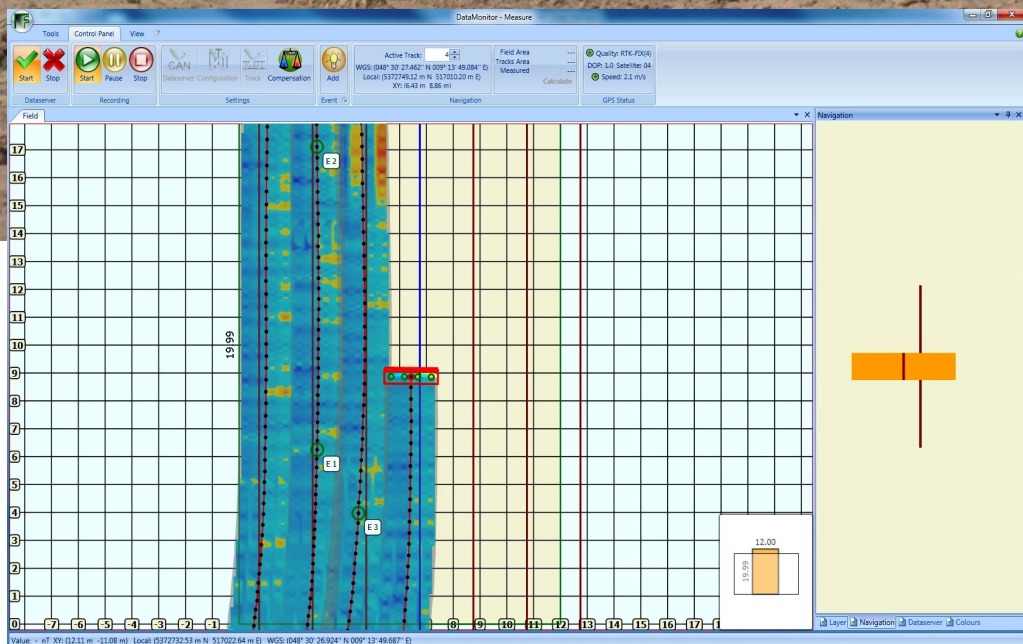
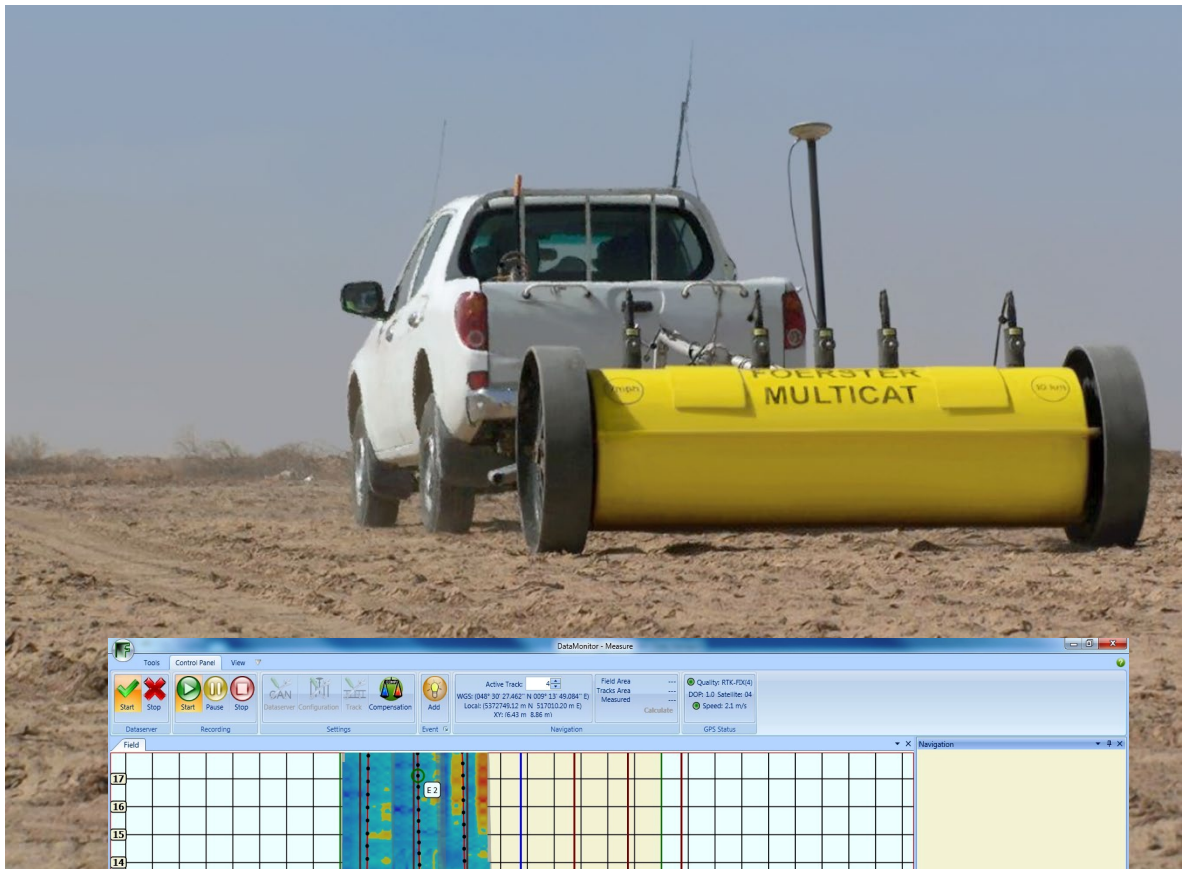


DATAMONITOR 3 SOFTWARE

SURVEY PREPARATION, NAVIGATION AND DATA RECORDING



PRODUCT DESCRIPTION

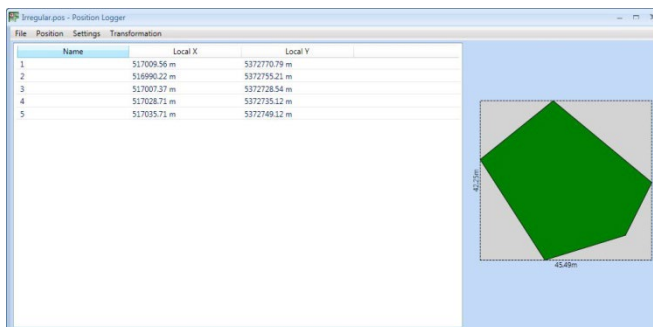
The DATAMONITOR 3 software is an easy to use tool allowing preparation, navigation, data-sampling and geo-referencing for large area surveys onshore, off-shore and airborne – for multiprobe systems.

CHARACTERISTICS

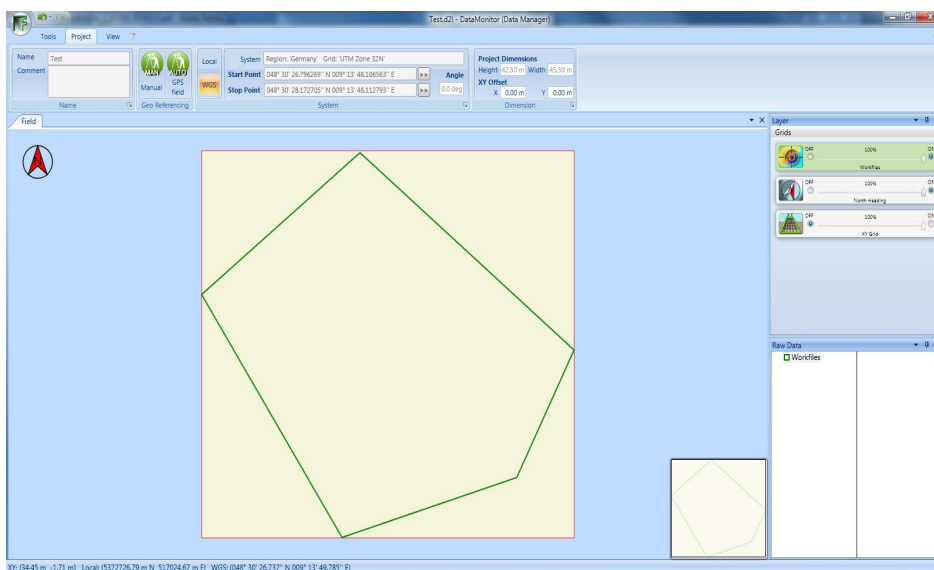
- One software interface for onshore and off-shore solutions and airborne solutions
- One software interface to control probe network and differential GPS (dGPS)
 - Control of up to 32 probes via CAN-BUS (magnetometer and total field sensor)
 - Direct input of dGPS data via NMEA stream without additional software
 - Direct cable connection to dGPS to avoid undefined delays and to keep highest possible precision for dGPS and probe data
 - Real Time Kinematic (RTK) “Float” and “Fix” signal quality for measurements possible

SURVEY PREPARATION

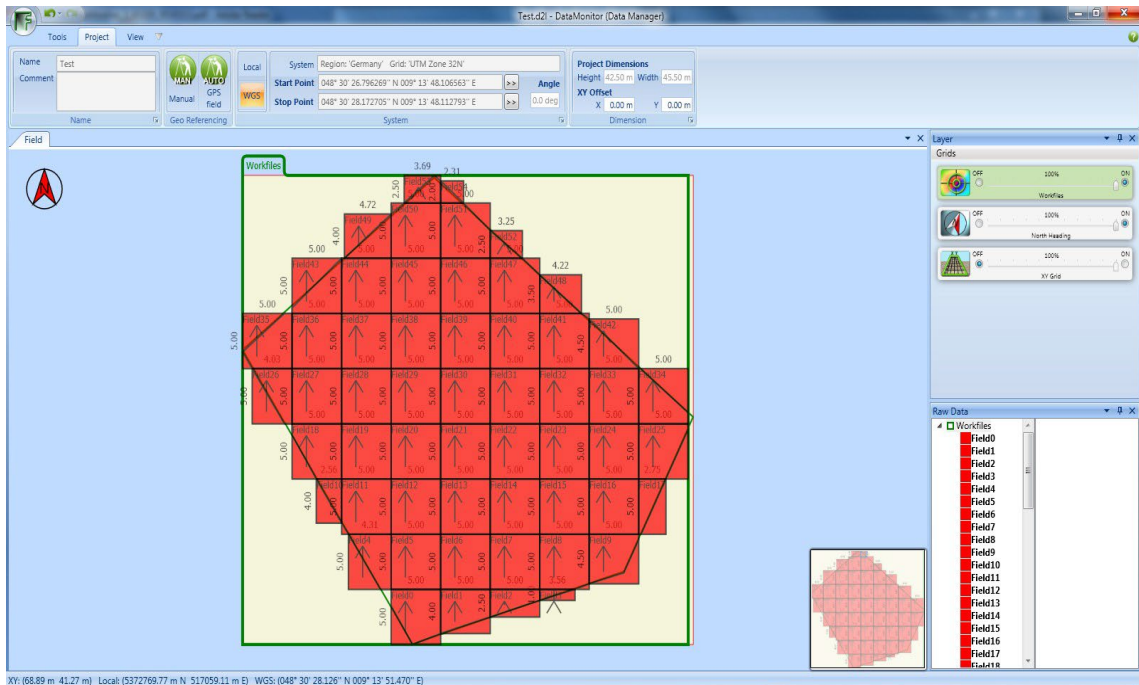
- Definition of projects and survey grids at the office or in the field
- Coordinates can be imported from coordinate lists or directly from the dGPS



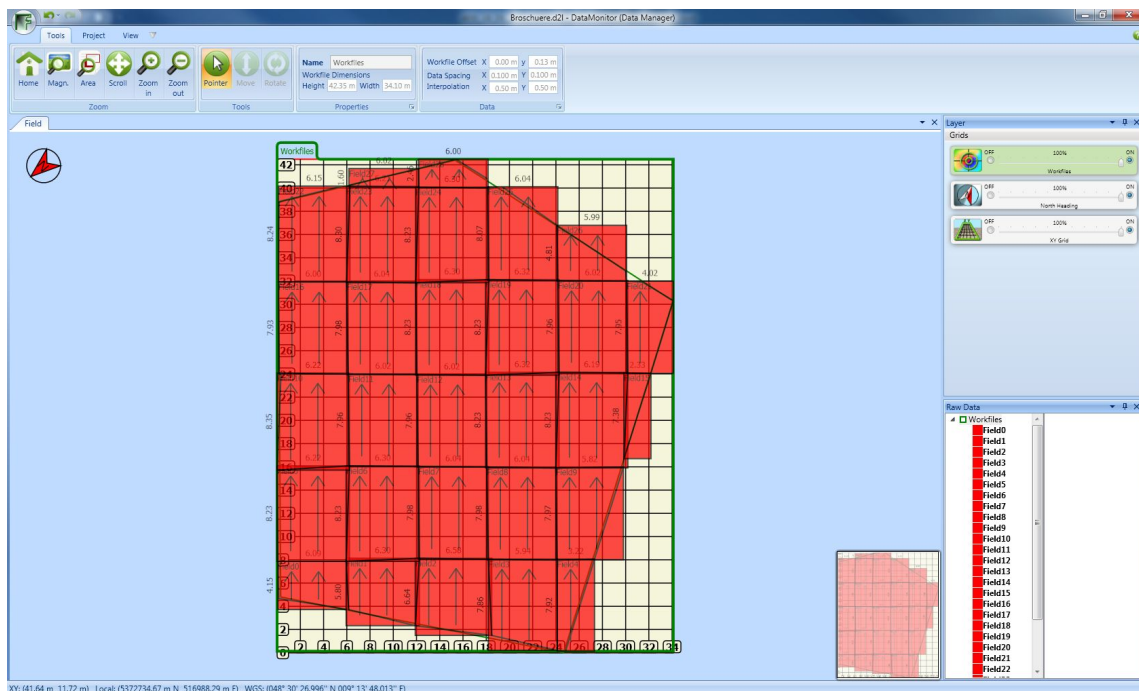
- Simple handling of irregular-shaped grid geometries



- Automatic sub-division into survey grids of freely definable size
- Export of coordinates from any field for handover to other search teams

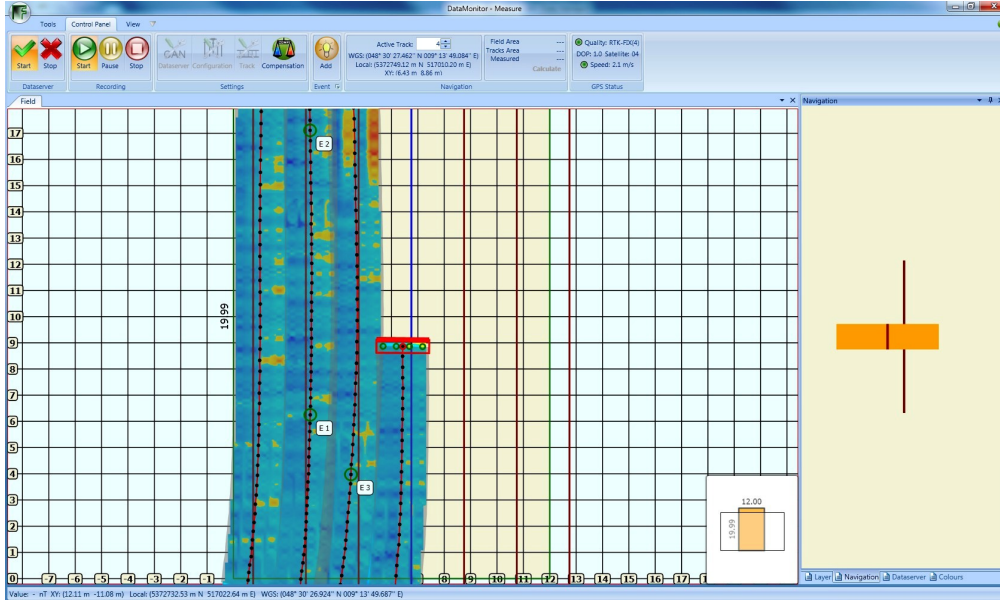


- Free rotating of projects to optimize survey grid and minimize working time



NAVIGATION

- Free navigation or along defined optimized tracks
- Automatic survey of GPS signal quality, speed, number of satellites etc.
- Start, pause and stop at any time, resume of any project at any time



DATA RECORDING

- Online display of sensor data
- Definition of events for later examination
- Simple data exchange with DATA2LINE evaluation software

MINIMUM HARDWARE AND SOFTWARE REQUIREMENTS

Operating system	Windows 7 /8/10 (32/64 bit)
Processor	Intel Core i5-2 nd generation or comparable
RAM	≥ 2 GB
Interfaces	1 interface for differential GPS (serial RS 232 or USB)
	1 interface for dongle (USB)
	1 CAN-BUS via USB or PCMCIA-card (available from FOERSTER)
Differential GPS	Capable of streaming NMEA with RTK "Fix" or "Float" (format available upon request)

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