Products & Services
Solutions for land, marine and aerial surveys
Company Who we are

BUSINESS

- Manufacturer of magnetometer & TDEM survey systems & components
- Developer of electronics, software, mechanics and systems
- Full service provider 24/7 (R&D, deployment, training, consultancy)

FACTS & FIGURES

- Founded in 1990
- Located South-East of Berlin, Germany
- 30% of all staff in R&D
- All competencies in one place

IN-HOUSE COMPETENCIES

- R&D and service with test field, calibration chambers in magnetic controlled environment
- Prototyping workshop and product line
- Workshop and training facilities
- Data center and processing services
Our baseline The Magnetic Field
Markets Whom we serve

UXO

ARCHAEOLOGY

GEOPHYSICS

MILITARY

OFFSHORE

OEM SENSORS
Land
Hand held, pushed and towed

SBL10
Push-cart
Vehicle towed

TDEM

PIN POINTING & RECORDING
- Single & multi sensor solutions
- GPS referenced with +/-1cm accuracy
- Output: color coded magnetic map
- Data processing with SENSYS software for object calculation
Land Large Area Mapping
# Land AZE project – 2,000ha in 6 weeks

<table>
<thead>
<tr>
<th>Time</th>
<th>Team 1</th>
<th>Team 2</th>
<th>Team 1</th>
<th>Team 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00</td>
<td>Transfer to field 5x Ops</td>
<td>Transfer to field 5x Ops</td>
<td>recording 5x Ops</td>
<td>recording 5x Ops</td>
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<tr>
<td>7:15</td>
<td>Team 1 transfer back 5x Ops</td>
<td>Team 2 Service 5x Ops</td>
<td>Team 1 transfer back 5x Ops</td>
<td></td>
</tr>
</tbody>
</table>

**Supervisors**
- Download object lists
- Transfer to field 2x 5
- coordination for recording, object list hand over 5x Ops
- Transfer back 5x Ops
- Upload recorded data & reporting

**Contact:**
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- www.sensys.de
**Marine** From diver to large offshore vessels

**GEOSURVEY & PIN POINTING**

- Spots surveyed by ROV with SENSYS Mags
- SENSYS software for object interpretation
- ROV manipulators and airlift with SENSYS mag to pin point object centre
- Clear suspicious object

Survey suspicious spot with SENSYS multi sensor system

Steer airlift & pin point object with SENSYS probe

Spots surveyed by ROV with SENSYS Mags
SENSYS software for object interpretation
ROV manipulators and airlift with SENSYS mag to pin point object centre
Clear suspicious object

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### Aerial UAVs

**MagDrone R3**

**Fixed wing**

**Gas turbine UAV**

#### EXPLORATION & SURVEY

- Multi sensor platform
- RTK GPS referencing
- Output: color coded magnetic map
- Data processing with SENSYS software for object calculation
Aerial Demo of “drone package” at TrÜbPl Luttmersen (video)
Aerial Result of surveying test field at TrÜbPl Luttmersen (map)
Aerial Innovation through strategic partnership

Partnership

- Business development into military and security markets
- Network and management of sensor types and integration
- Provider for critical UAV based services
- Professional drone pilots
- State-of-the-art UAV portfolio
- Positioning/precision know-how
- Efficient logistics

Approach

- Sensor fusion
- Best fit of carrier, sensors, and survey method to enable challenging operations such as:
- UXO detection
- IED Detection

Range of sensors

- Magnetism
- Electromagnetism
- Radiometrics
- Gravimetry
- Radar
- Multi-Sensor
- Photogrammetry | Thermal Imaging | Multi-/Hyperspectral

Range of UAVs
Contact Us

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Measure.
Detect.
Protect.

Customer & quality first.