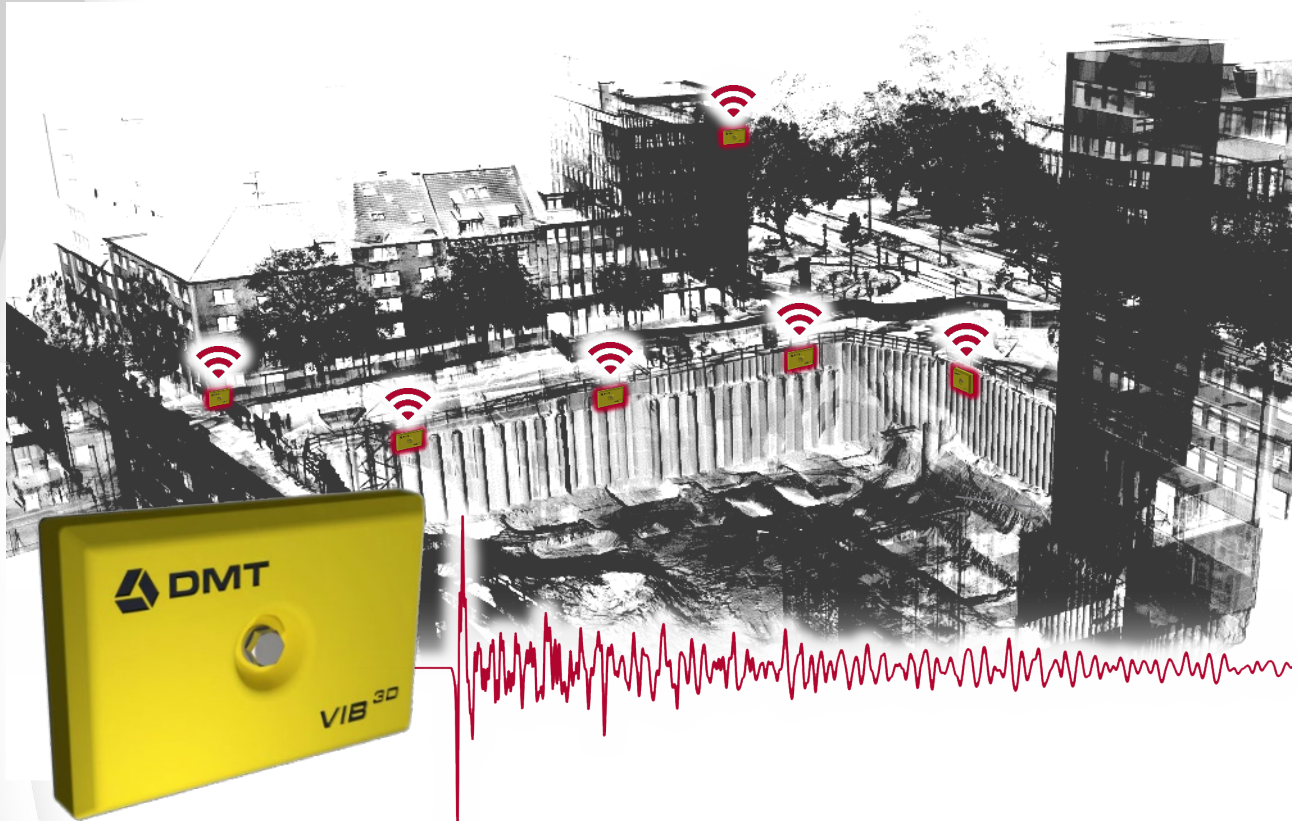


DMT SAFEGUARD VIB^{3D} Cost-efficient Vibration Control



- Vibration measurement with calibrated MEMS sensors
- Adaptable triggered vibration registration
- Straightforward installation supported by automatic levelling
- Data transmission by LTE / WLAN
- GPS time base
- Web-frontend integrated in DMT SAFEGUARD
- System for vibration analysis, automated alarm functionality and data visualization

Immission control

- Safeguarding for people, buildings and infrastructure from vibrations
- Verification of requirements following the German Federal Immission Control Act (Bundesimmissionsschutzgesetz, BImSchG)

Preservation of Evidence

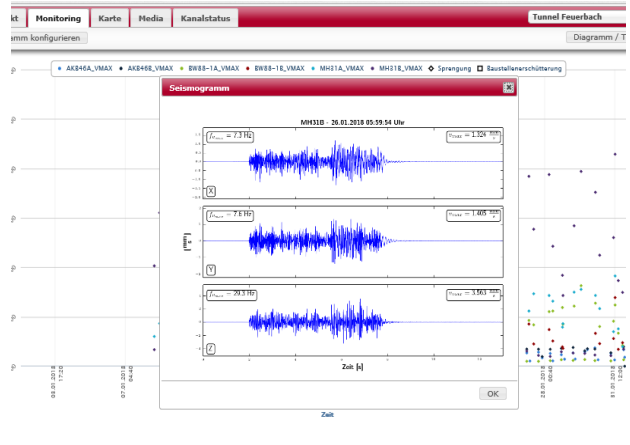
- Continuous monitoring of all vibrations
- Enables monitoring networks with a vast number of sensors
- Automated measurement and data transmission
- Long-time database storage at DMT

Evaluation

- Evaluation of vibrations according to international vibration codes
- Determination of the affected area



Professional assessment



SAFEGUARD web data server

Technical Specifications

<ul style="list-style-type: none"> Size 	120 x 80 x 20 mm (L x W x H)
<ul style="list-style-type: none"> Weight 	135 g (without mounting parts)
<ul style="list-style-type: none"> Digitalization <p>Sensor Type Sampling Rate Recording Length</p>	<p>Triaxial MEMS 125 Hz - 4 kHz 1 – 60 seconds</p>
<ul style="list-style-type: none"> Data Transmission <p>WLAN Mobile Radio</p>	<p>IEEE 802.11b/g/n 1x1 SISO (2400 MHz – 2484 MHz) GSM/GPRS/EDGE (900 / 1800 MHz) UMTS/HSPA+ (900 / 2100 MHz) LTE (700 / 800 / 900 / 1800 / 2100 MHz)</p>
<ul style="list-style-type: none"> Time Synchronisation 	NTP / GPS
<ul style="list-style-type: none"> Power Supply 	5V (max. 2A) Micro-USB connector
<ul style="list-style-type: none"> Environmental Conditions <p>Temperature Humidity Casing</p>	<p>-25 °C - +60°C 0 – 100 % IP 65</p>

DMT GmbH & Co. KG
 Am TÜV 1
 45307 Essen
 Tel +49 201 172-1441
 Fax +49 201 172-1693
 www.dmt-group.com · exploration@dmt-group.com



TÜV NORD GROUP

Disposal information:
 Our products are subject to the WEEE directive.
 DMT has committed itself to take back all
 electrical and electronic components sold and to
 dispose of them professionally.
 Please contact: products@dmt-group.com

WEEE Registration Number: DE 25917380

Earth. Insight. Values.