

DMT GmbH & Co. KG · P.O. Box 13 01 01 · 45291 Essen, Germany

Name Dagmar Jilleck
Phone +49 201 172-1544
Fax +49 201 172-1700
Our Ref.
E-mail Dagmar.Jilleck@dmt.de
Page 1/3

Date 2013-07-30

Press Release

Professional Geomonitoring with DMT SAFEGUARD

DMT presents new product at the Intergeo

Essen, Germany, 30.07.13. For many years, the Essen based consulting and engineering company DMT has contributed significantly to geodetic, geotechnical and geophysical monitoring in hazardous environments through its numerous geomonitoring projects. To process and analyse the extensive measurement data from various measuring instruments and sensors, the company developed a hardware and software solution which stores and analyses all gathered data in such a way that it's available for sharing: DMT SAFEGUARD.

DMT SAFEGUARD is a modular system for safe and reliable risk assessment for projects in mining, building construction, civil engineering and environmental monitoring. Examples of areas in which it can be applied include the monitoring of slope stability in mining, the measurement of noise and vibrations during tunnel building work, the securing of "sensitive" buildings in the course of construction or the monitoring of subsidence and sinkholes in former mining areas. "Even in the early stages of development, we were able to convince many important customers from the construction and mining industries of the benefits of this innovative solution", says project manager Karsten Zimmermann.

DMT GmbH & Co. KG

Public Relations

Am Technologiepark 1
45307 Essen
Germany

dmt-info@dmt.de
www.dmt.de

Managing Company:
DMT Verwaltungsgesellschaft mbH
represented by its managing directors
Heinz-Gerd Körner (CEO)
Prof. Dr. Eiko Räkers

Chairman of the Supervisory Board:
Dr. Guido Rettig

DMT GmbH & Co. KG
Registered office: Essen
Registration court: Amtsgericht
Essen, registration no. HRA 9091

DMT Verwaltungsgesellschaft mbH
Registered office: Essen
Registration court: Amtsgericht
Essen, registration no. HRB 20420

TÜV NORD GROUP

An integrated early warning reporting system enables fast, well-informed decisions, making it the ideal support tool for professional risk management. DMT SAFEGUARD includes the following functions:

- Data collection (data port module): Integration of heterogeneous data from a variety of sources (geodesy, geophysics, geotechnical engineering, hydrology, integration of image and video data)
- Data management (core server module): Central database on high-performance servers for good data accessibility and security
- Data visualisation (web-view module): Online user portal for data presentation with interactive web GIS maps
- Document management
- Data analysis (evaluation & alarm module): Notification by SMS or e-mail, as well as on site signals

"The data from the complex monitoring network is consistently merged, saved centrally and securely managed, while simultaneously displaying up-to-date results to numerous users via web-view ", says Zimmermann. "The advantage is that this internet-based monitoring solution is not manufacturer-specific and delivers the high standard of safety the TUV NORD GROUP is known for."

DMT SAFEGUARD is designed as an SaaS solution (software as a service), a new service from DMT, which will gradually be enhanced with additional project-specific functions.

In the course of this year's INTERGEO in Essen (08. - 10.10.2013), DMT will be showing demonstrations of the system at their stand.

(2,719 characters, including spaces)

Contact and further information:

DMT GmbH & Co. KG
Exploration & Geosurvey Division
Dr. Karsten Zimmermann
Am Technologiepark 1
45307 Essen
Germany

Phone: +49 201 172-1968
Fax: +49 201 172-1971

www.dmt.de
exploration@dmtd.de

About DMT

DMT GmbH & Co. KG, headquartered in Essen, Germany, is an independent engineering and consulting company, active at international scale. The DMT Group boasts about 1,000 employees, most of them engineers, scientists and technicians, who provide services in the form of individualised consulting and assistance tailored specifically to the clients' needs. They also serve as impartial assessors. The firm's activities focus on the fields of natural resources exploration, mining and cokemaking technology, construction and infrastructure projects, safety in buildings, product testing and measurement instrumentation in industrial settings. DMT is a member of the TÜV NORD GROUP.

<http://www.dmt.de/en/home.html>

About Exploration & Geosurvey

Using methods and techniques drawn from the fields of geology and hydrogeology, geophysics, geodetics and geotechnology, the Exploration & Geosurvey Division supplies the data needed to achieve planning reliability for the extraction of natural resources (oil and gas, coal, salt, deep geothermal energy and others), for relieving the environment (carbon capture and sequestration, reducing CO₂ emissions etc.) and for special-purpose civil engineering. Our work, concentrated in a single company and reaching all around the world, begins with planning, includes surveying and interpretation and extends to modelling and the final evaluation. And to ensure the very best results we also develop, operate and market our own geosurveying systems.

<http://www.dmt.de/en/services/exploration-geosurvey.html>