

## Amberg Technologies company profile

### Swiss Made – established worldwide

Whether it's a subway tunnel in London, a hydroelectric plant on the Amazon river, the Gotthard Base Tunnel in Switzerland or a high-speed rail route in China: Construction projects of this magnitude are nothing unusual for Amberg Technologies AG. The Swiss company is one of the global leaders specializing in user-friendly surveying solutions. Geophysicists and surveyors as well as software and hardware engineers at the headquarters in Regensdorf near Zurich design customized system solutions for georeferenced data capture and processing in infrastructure installations. The company offers its customers field-proven products as well as customer-specific services for railway surveying, tunnel surveying and tunnel seismics.

Amberg Technologies belongs to the Amberg Group along with Amberg Engineering AG, Amberg Loglay AG and VSH VersuchsStollen Hagerbach AG and has grown steadily since it was founded in 1981. Today, Amberg Technologies is the global market leader in the area of railway and tunnel surveying and offers its products and services through a network of more than 30 sales partners in over 40 countries. Customers include railway companies and construction companies as well as engineering firms, surveying agencies and universities. A well-established network of local service partners in all markets guarantees customers the Swiss quality and reliability to which they are accustomed.

## Facts and figures

- Founding 1981, as a spin-off from Amberg Engineering AG
- President/owner Felix Amberg
- CEO Svein G. Vatslid
- Divisions Tunnel Surveying  
Railway Surveying  
Tunnel Seismics  
Services
- Headquarter Regensdorf  
Switzerland
- Employees 70
- Sales partners More than 30 worldwide
- Customers In over 40 countries
- Amberg Group Amberg Technologies AG  
Amberg Engineering AG  
Amberg Loglay AG  
VSH VersuchsStollen Hagerbach AG

## References

- Instituto Costarricense de Electricidad, Costa Rica
- Marti IAV Solback DA, Norway
- Alp Transit Gotthard AG, Switzerland
- SAK Construction, USA
- Deutsche Bahn AG, Germany
- SNCF, France
- ARGE Tunnel Weinberg, Switzerland
- Structon Rail, Belgium
- Taiwan Railway Bureau (Hualien Division), Taiwan
- SKANSKA SVERIGE AB, Sweden
- Arkil Rail A/S, Denmark
- Shanghai Railway Bureau, China
- Alstom Singapore, Singapore
- OEK Moscow, Russia
- Pöyry, Finland
- SNUI JV, Malaysia
- Toronto Transit Commission, Canada



# The four Amberg Technologies divisions



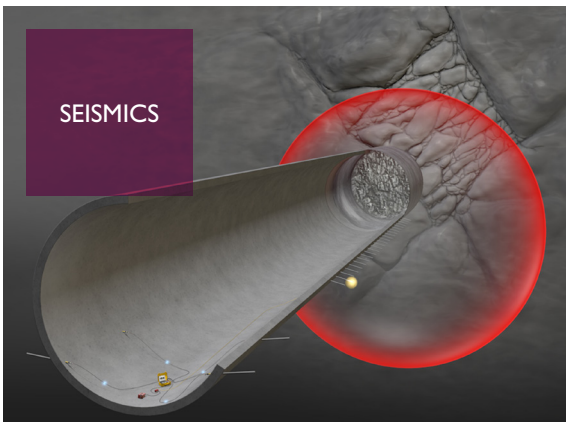
## **Amberg Rail – innovative, fast, safe**

Amberg Rail offers innovative railway surveying solutions, which accelerate the surveying process and deliver the high-quality data required for the different fields of application. The Amberg Rail solution allows the measurements to be made in real-time during the construction process, in the run-up to the actual maintenance work or at a regular interval. Thus slab track construction tasks, maintenance of way using the tamping machine or the assessment of new rolling stock regarding clearance can be performed effortlessly without waiting times. Up to 5 km of track per hour can be surveyed thanks to the use of dynamic surveying methods.



## **Amberg Tunnel – measuring gives you perspective**

The Amberg Tunnel product portfolio offers the customer an innovative and reliable solution and supports tunnelling in all construction phases. The system solutions under the umbrella name of Amberg Tunnel combine precise measuring instruments with task-specific software and are today an indispensable tunnelling equipment component. Significant improvements in efficiency are realised, especially in tunnel navigation, tunnel profile measurements, tunnel scanning, geotechnical analysis and as-built tunnel analysis.



## **Tunnel Seismics – see ahead - build safer**

Accurate knowledge of the geological situation enables early recognition of risks and timely initiation of logistical measures. The proven TSP System forecasts the ground conditions at the tunnel face reliably and continuously, making tunnel engineering more calculable in terms of safety, faithfulness to deadlines and cost efficiency.



## **Services – customized and efficient**

Railway and tunnel surveying, GeoMonitoring, MobileMapping, inspection and conservation of evidence – customers from very diverse segments of the infrastructure industry make use of the services provided by Amberg Technologies. In addition to the services themselves, product training and project support for all system customers is also offered with a primary focus on Switzerland, but also internationally.