

Press Release, 5 September 2019

Amberg presents the future of surveying at INTERGEO 2019

Regensdorf – The Swiss company Amberg Technologies presents numerous innovations at INTERGEO 2019. The Amberg Inspection software enables tunnel inspection in the cloud. In the future, machine learning will be used to predict features and thus enable operators to better plan maintenance work. For the IMS product family for rail surveying, the sensor technology has been optimized and the linking between the individual system solutions refined. Amberg Technologies will also show the TrackControl monitoring system with flexible plug connections and magnet mounting for fast and user-friendly assembly.

Amberg Inspection – The future of tunnel inspection

Digitalization will make inspection processes easier and more efficient with the goal to reduce inspection costs and optimizing the sustainability of an infrastructure. The tunnel inspection cloud solution will be using machine learning for a semi-automatic feature detection which will increase efficiency and productivity.

The IMS family: Reduces maintenance costs and accelerates the surveying process

The Amberg IMS product family provides highly accurate information on track geometry with the highest working speeds. The latest version of the software Amberg Rail allows users even more flexibility in the configuration and digital linking of the individual Amberg system solutions for railway infrastructure surveying.

The software is the core of the further development of the IMS systems at Amberg. With the second generation of Inertial Measuring Units (IMU) that can be used on the systems, the sensor technology has also been optimized further and the weight reduced.

Amberg TrackControl – The seamless monitoring of railway tracks

The latest sensor generation of the monitoring solution TrackControl is quickly installed with flexible plug connections and innovative magnet mounting and can be extended up to a total length of 340 meters. The system monitors all safety-relevant track parameters such as superelevation, twist and vertical versine - updated in an interval of one minute and regardless of the weather conditions.

For further information please visit our website or contact us:

www.ambergtechnologies.com

Roger Schaad

Group Marketing & Communication

Tel. +41 44 870 92 31

Email rschaad@amberg.ch

Amberg Technologies constantly strives for innovation and progress. We develop our products and services in close cooperation with universities and as part of international research programs. We are the world market leader in the field of railway and tunnel surveying. Together with our sales partners we have been selling our products and services for over 35 years. They are state-of-the-art and can be flexibly adapted to the requirements of our clients.

Amberg Technologies is headquartered in Regensdorf and employs around 74 people worldwide.

Images :



Image 1:

High-tech underground: The cloud solution from Amberg Inspection enables the digitalisation of inspection processes and makes them more efficient and easier to plan for the operator.



Image 2:

The new Amberg Inertial Measuring Units can be flexibly configured within the Amberg IMS family.



Image 3:

Amberg TrackControl's flexible plug connections and magnet mountings are quickly and easily installed and can be extended up to a total length of 340 metres.