



Press Release (September 20, 2018, 10:00 am CEST)

Proceq GPR Live lets you see into concrete structures on your iPad in 3D with Augmented Reality, setting a new gold standard in concrete imaging

Proceq, the technology leader in non-destructive testing (NDT), drives industry efficiency by introducing Augmented Reality (AR) to its Ground Penetrating Radar (GPR), enabling users to literally look into concrete structures such as buildings, tunnels and bridges, while surveying for features and flaws.

Efficient inspection of infrastructure and buildings is the fundamental first step to detect flaws and verify the as-built condition to avoid any disruptive failures during the lifecycle of an asset. Proceq is transforming the NDT industry through continuous innovation in setting new standards in measurement performance, ease-of-use, sharing of inspection results, enhancing analysis and insights, and supporting real-time decision-making on site without the need for expensive and time consuming post-processing.

A novel AR feature (<https://www.proceq.com/products/augmented-reality/>) is launched for the Proceq GPR Live app on the Apple® App Store globally, starting Monday September 24, 2018. The solution projects tomographic time-slice and 3D representations onto and into the concrete structures through the iPad screen. The end result is a straightforward, intuitive visualization of measurements that radically facilitates data interpretation on site.

Proceq introduces AR to its GPR line-up exactly one year after the 2017 Global Summit, where the Proceq Live product family was launched. Since then, Proceq and Tectus Dreamlab joined forces on AR employing the latest technologies in this arena.

With on-site 3D, on-board AR and commercial options including hardware-as-a-service (HAAS), Proceq GPR Live products grant unparalleled clarity to users worldwide when looking into concrete. With the automatic synchronization on the Proceq Live cloud, users can maintain a 'medical record' of an asset that is accessible by all stakeholders of infrastructure and building assets.

Proceq CEO Ralph Mennicke said: *"Proceq customers are responsible for maintaining critical infrastructure assets around the world. They need first-class tools that enable them to quickly and accurately assess and report on asset condition. We are developing groundbreaking technologies and solutions with new opportunities of remote collaboration from anywhere, anytime. The release of this feature is just the start of a planned move into AR across the multi-technology Proceq Live product range. It is our paradigm to transform NDT workflows in ways most cannot even yet imagine."*

Marcel Poser, Proceq Executive Chairman and Tectus Group CEO pointed out: *"From early on, we have invested into IoT, AR, VR and A.I. for the benefit of all our group companies. The formation of Tectus Dreamlab and the cooperation with A*STAR, the governmental Research Agency in Singapore, has given to all our Tectus Group companies a unique and extraordinary innovation boost. Proceq in particular is adopting such new digital, mobile technological advances to give us a tangible competitive advantage in the NDT industry. The fact that we have become a sought-after employer by top talents from multiple disciplines endorses our innovation strategy."*

About Proceq SA

Proceq of Switzerland is shaping the future of portable materials testing (NDT). At Proceq's Global Summit in September 2017 (<https://www.proceq.com/company/news-events/show/proceq-global-summit-2017>), the company released multiple state of the art devices, utilizing latest technologies from Internet of Things (IoT), cloud computing and artificial intelligence (A.I.) with ultra-user friendly interfaces – a true revolution for the NDT industry and setting a new benchmark within the sector. Proceq, part of the Tectus Group, has been providing innovative testing solutions since 1954 and its strong research and development team in Switzerland continues to create high quality Swiss-manufactured products. With subsidiaries in North and South America, United Kingdom, Russia, the Middle East, China and Singapore, Proceq provides its international customers with excellent local support.

www.proceq.com

About Zehntner



The Zehntner brand is synonymous with Swiss-made high quality electronic and physical measuring and testing instruments. Zehntner, acquired by Proceq on January 1, 2018, specializes in the quality control of surfaces, more specifically, in gloss measurement, retro-reflectometry and other testing.

www.zehntner.com

About Tectus Group



The Tectus Group and associated companies is a family-owned multi-national business with headquarters in Zurich, Switzerland. The company has diverse investments and operations across six market segments – engineering & construction, real estate, Internet of Things & sensing, digital health, entertainment & lifestyle, advisory & investments. No matter what their specialist area or territories covered, all of the organizations share the goals of being best-in-class and setting new benchmarks.

www.tectusgroup.com

About Tectus Dreamlab



Tectus Dreamlab Pte Ltd was established at Fusionopolis in Singapore in November 2015 by the Tectus Group, to focus on cutting-edge, cross-functional research. The Tectus Dreamlab team works on cross-disciplinary R&D projects that leverage existing expertise within the Tectus Group, combined with the novel technologies and capabilities of various research platforms in Singapore.

www.tectusdreamlab.com

About Screening Eagle



One of the premier initiatives of Tectus Dreamlab is the Screening Eagle Platform (https://www.youtube.com/watch?v=qSBoXz_wo-8) a research project to create a holistic platform for asset monitoring, maintenance and inspection, which will help ensure optimal performance of infrastructure investment worth around US\$ 57 trillion globally until 2020. In addition to tapping into global trends of Virtual and Augmented Reality (VR and AR), the Internet of Things (IoT), mobile computing, big data, cloud computing and drones, this new facility also fosters frequent interactions with customers and partners in the region.

www.screeningeagle.com