Press release

Digitalisation of servicing and maintenance

Assisted Reality Glasses for optimised vehicle maintenance

Senftenberg (Germany), 08 October 2018 — On the occasion of this year's InnoTrans, ZEDAS and iSAX presented live an innovative assisted reality solution for servicing and maintenance of vehicles and systems.

Assisted reality enables display of information describing, supporting or simplifying the working process in the field of view of the observer. Well-known examples for this technology include data glasses or smart glasses mainly used in industrial applications.

At InnoTrans, ZEDAS and iSAX presented the opportunities of this still young technology by means of data glasses. The presentation covered a maintenance scenario with check lists for swing doors on trains. The service technician is visually guided step by step through the working process. If required, additional remote support can be requested or supporting elements like images and videos can be displayed. This enables relief of staff, increase in productivity and reduction of faults. Visitors were particularly impressed by the simple control functions by voice commands.

ZEDAS was once more able to prove the technological maturity of their zedas®asset software solution for targeted digitalisation of the servicing of railway vehicles and infrastructure. The Assisted Reality Glasses are the next step of the software provider after their mobile solution for optimum connection of servicing and maintenance processes.

"The presented technologies offer maximum efficiency and opportunities for maintenance of vehicles and systems in the automotive industry. Assisted reality solutions enable optimisation of the process and product efficiency at reduced costs and with flexible deployment of personnel", explains iSAX managing director Heike Vocke.

"The glasses are another step to even closer involvement of on-site technicians into servicing and maintenance processes. The glasses are controlled by voice commands leaving technicians both hands free to carry out their works. Servicing can be realised quicker and faults be avoided almost entirely. And the zedas®asset asset management system can open up even more operational potentials", explains Thomas Landskron, Head of Sales for zedas®asset.

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About iSAX

iSAX stands for innovation and high-quality services in the fields of IoT, Industry 4.0, Cloud and Blockchain. Whether for medium-sized or large companies – iSAX offers customised, functional and smart innovations. From smooth operation of complex IT infrastructures over complex consulting services down to customised software solutions – the focus always lies on future-oriented technologies.

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About ZEDAS GmbH

ZEDAS GmbH develops software products for maintenance and systems management of rolling stock and railway infrastructure systems and for logistics management in rail freight transport. Since it was founded in 1990, it has looked after corporate clients around the world with an effective specialist network.

The standard software solutions offer administrative and operational support for process management in specific industries. Experienced consultants who provide excellent know-how in the full implementation of projects are available to the clients/users. The update and upgrade service through a maintenance contract and the comprehensive in-house 24/7 support guarantee reliable operation. ZEDAS GmbH ensures a process of continuous innovation of the solution in order to offer its clients high security of investment. Expertise and many years of experience in the railway market ensure that the client's project is successfully implemented.

Current information can be found at www.zedas.com