

RE'FLEKT EXTEND WORK AUGMENTATION PLATFORM WITH LEADING IOT-SOLUTION

SOFTWARE AG AND RE'FLEKT CONNECT LEADING IOT AND AR PLATFORMS IN 'IOT & AR SUITE'



Benefits in manufacturing and service: Problems can be detected early with IoT data and fixed faster with visual AR guidance.



Training with real-time data: Live data and sensor data combined with interactive training on mobile devices and wearables improve knowledge transfer.



Results in numbers: Companies achieve on average 40% increased first-time fix rates, 50% lower support costs, and 70% improved knowledge transfer.

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Munich/San Francisco, March 4th, 2021. Due to the circumstances of the pandemic, industrial enterprises are currently experiencing unnecessary downtime and delays in manufacturing, service and training. Travel restrictions and closed facilities are limiting access to machines and equipment. At the same time, the use of outdated technologies and IT processes is making it even more difficult for many companies to collaborate remotely.

RE'FLEKT has added a new IoT module to the REFLEKT ONE Work Augmentation Platform, allowing industrial companies for the first time to easily visualize live data from machines and devices in AR instructions to counteract current challenges.

With the integration of Software AG's Cumulocity IoT platform, the REFLEKT ONE user's virtual perspective is enriched with real-time machine data and advanced analytics. Both tools are self-service solutions that make integrating new IoT instruments much easier for technicians and service personnel. The modular Work Augmentation Platform offers companies industry-specific solutions and makes integration into existing systems possible - via connections to PLM systems as well as CAD and XML integrations.

"The combined self-service approach of both platforms enables our enterprise customers to easily feed the operational data from their industrial machines into their own AR solutions, making information available to their on-site staff in manufacturing, service and training," comments Wolfgang Stelzle, CEO and Founder of RE'FLEKT.

IOT & AR SUITE

The new IoT & AR Suite optimizes Maintenance, Repair and Overhaul (MRO) processes which in return increases productivity. The most significant savings occur in the areas of service, support and training:

In service, first-time fix rates can be increased by 40%; in support, half the costs can be saved; and in training, training times can be reduced by up to 40%. Overall, knowledge transfer can be improved by around 70%.

GETTING THE IOT & AR SUITE UP AND RUNNING IS SIMPLE

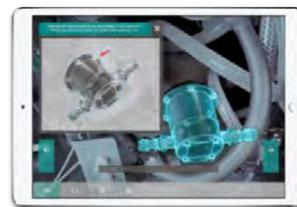
CONNECT

All kind of assets connect securely with Cumulocity IoT and are managed with a complete set of device management features.



OBSERVE

Asset conditions are monitored with self-service dashboards visualized onto the devices. The asset's health and condition can be analyzed with easy-to-use analytics tooling.



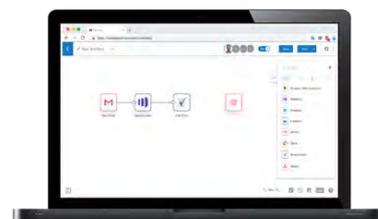
RESOLVE

If anomalies occur, the user has the option to react immediately via on-demand access to expert knowledge. Feedback and manual user input is captured straight away during the MRO work with intuitive AR tools.



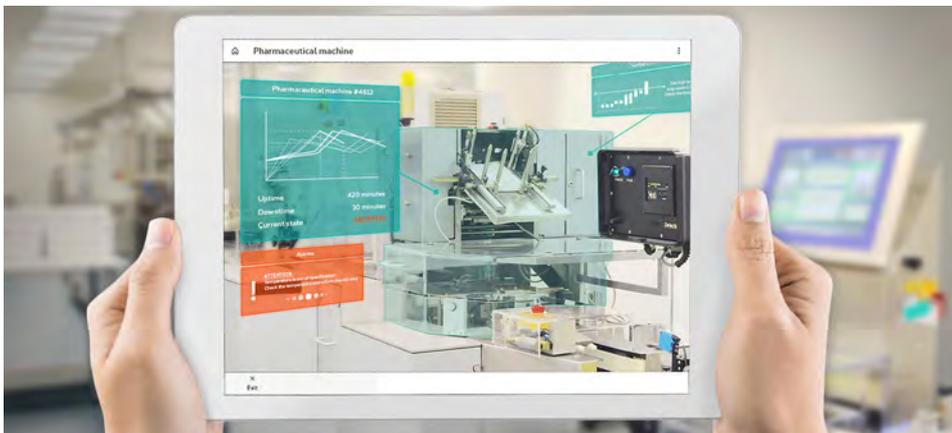
FEEDBACK

Routine feedback loops can be easily integrated into the respective IT systems or cloud services via prebuilt connectors. Follow-up processes or activities with flow-based logic description can be triggered.





IoT & AR Suite: Machine problems can be detected early with IoT data and fixed faster with visual AR guidance.



Live data integrated into AR applications is visualized on mobile devices for workers in manufacturing and service.



Training with interactive AR-guides improves knowledge transfer by 70%

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ABOUT RE'FLEKT

RE'FLEKT is an Augmented Reality (AR) software company that makes industrial machine maintenance and operation as easy as using a simple home appliance. By making AR and MR affordable and scalable for business, RE'FLEKT's ground-breaking human-centred platforms empower anyone to simply infuse their industry knowledge into customized AR and MR solutions. With clients including ABB, BASF, Bosch, Medtronic, Porsche, Roche and Siemens, the international team delivers technology solutions to a variety of leading global markets. Since its founding in 2012, RE'FLEKT has grown to a team of over 50 employees in Munich and San Francisco and is recommended by leading analysts including ABI Research and Gartner (Gartner Cool Vendor).

ABOUT REFLEKT ONE

REFLEKT ONE is the first scalable Augmented Reality platform that enables companies to independently create their own Augmented Reality applications. The award-winning platform lets companies create visuals and guides on smartphones, tablets, and data glasses to simplify production, training, maintenance, and repair. REFLEKT ONE's advanced technology leverages existing design and documentation data and transforms it into interactive 2D and 3D visualizations for real-time viewing on real objects. REFLEKT ONE integrates with existing IT infrastructures and is "IoT Ready", enabling industrial enterprises to retrieve and display real-time sensor data.

CONTACT

RE'FLEKT

Harry Hulme

Marketing and Communications Manager

Cell: +49 (0) 172 108 06 61

Email: harry.hulme@re-flekt.com

Web: www.re-flekt.com