



LEVERAGING AR TO EMPOWER PRODUCTION

SIBUR has partnered with Brochesia to bring augmented reality (AR) technologies to its production.

SIBUR and Brochesia, a company specialising in the development of integrated software for wearable devices, including AR glasses, have launched a joint project leveraging the augmented reality technology. SIBUR opted for Brochesia's B View solution to harness the power of augmented reality and remote assistance to improve production support and maintenance.

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Combined with AR wearables, B View enables staff to work hands-free, with the ability to perform activities in complete freedom and safety. Most importantly, it allows for collaboration between a field technician and an expert who is able to provide AR-based remote assistance from anywhere in the world. While enjoying specialist support from a remote expert thanks to AR glasses, technicians can also consult all manuals and necessary documentation without compromising their operating capacity. The solution also helps to identify all parts and components and ensure the right interventions.

The ongoing pandemic challenges have reinforced the benefits of using AR glasses in SIBUR's operations. Regular maintenance requires external support, but contractors' experts are now unable to travel to Russia or have to self-isolate for two weeks upon arrival. Thanks to the power of augmented reality, all external experts from Serbia, Italy, South Korea, Belgium, France and different regions of Russia are now available for remote assistance at all times.

Alexander Leus, Head of Industry 4.0 at SIBUR, commented: "The project is in the early stage, but we already see the first positive effects, with SIBUR's facilities having decreased their time inputs and economic costs. With remote assistance in place, we were able to significantly reduce the number of travels for both internal and external experts."