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PRESS RELEASE

Tech-Startup VBR Innovations was invited by Deutsche Telekom to the DIGITAL X digitalization fair in Cologne // "VBR Playground" quickly became a highlight for the trade show visitors.

VBR Innovations (VBR) specializes in the teleoperation of vehicles and machinery, enabling real-time remote control. With the "Brainbox" developed by VBR, the startup achieved significant progress in latency – a key factor alongside a stable mobile network for success in teleoperation. Deutsche Telekom used this achievement by VBR to demonstrate the benefits of 5G on-site.

Entertainment sector "VBR Playground" a highlight for fair visitors

The Austrian tech startup is already successfully applying their technology in the sports and entertainment sector. During the DIGITAL X event in Cologne, visitors could remotely control RC cars located 700 kilometers away on a racetrack in Amstetten, Austria, using specially developed VBR simulators. The low latency – the delay from input to output – perfectly complements advanced 5G technology and has by now captivated over 45,000 Instagram followers eagerly awaiting a commercial product.

VBR Playground – Gaming 3.0

The "VBR Playground" division is both a research field and an entertainment offering. The founders have roots in motorsport and aim to elevate the racing experience to new heights with this entertainment system: "Here, small RC cars are controlled using simulators, providing a racing experience in a new dimension, as it feels like sitting in a real race car – a genuine Gaming 3.0," say the founders Paul Aigner, Philipp Lietz, and Thomas Steinber from Ybbsitz, Lower Austria.

VBR Pilot – autonomous machine control as the business model of the future // A solution for labor shortages

Teleoperation can soon be applied in various fields, whether to create secure jobs – such as in mine detection devices where no one needs to be inside the equipment – or to enable new work environments, like remote working for all. Employers can make jobs more attractive by using this technology and overcome labor shortages. This expands the area for companies looking for employees to thousands of kilometers.

The startup is taking a pioneering role internationally in the field of machine control. "The application spectrum is limitless, and with our advances in latency, we are at the forefront globally, just like in racing," emphasized the founders. CTO Daniel Pachinger also emphasized: "At the fair, we successfully demonstrated how outstanding results can already be achieved with the existing 5G network of Magenta Austria. We are extremely excited about the prospects of future 5G developments and the associated technological possibilities. We are impressed by the innovations of Deutsche Telekom in the 5G sector. We are particularly interested in new technologies that further enhance transmission quality and network latency and aim for a long-term collaboration with Deutsche Telekom. The quality of our product depends on the performance of the mobile network we rely on. The lower the network latency, the more outstanding the user experience will be."

About VBR Innovations

VBR Innovations is a future-tech company from Austria that develops teleoperation technology for entertainment and industry, aiming to set new standards. The technology was developed through years of research and continually improved through over 100 tests at the VBR Playground. The startup has three business divisions: VBR Playground, VBR Pilot, and VBR Sim. Their shared vision is a world where new technologies are used to create a better life for people, the environment, and businesses.

<https://www.vbr-innovations.com/>

Follow-up questions:

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