

## Press release

### **Schöck participating in Robotic Eyes**

#### **First-time innovation Chekker advances digital revolution in precasting plant**

**Baden-Baden, January 22 – Schöck Bauteile GmbH is starting 2022 with a further milestone in the development of digitalization in the construction sector. It has developed a digital product for automatic production and quality control in precast concrete component manufacturing together with the software company Robotic Eyes GmbH based in Graz which will be launched in 2022 and marketed under the name “Chekker”. During development, Schöck acquired a 49.95 percent share in Robotic Eyes at the end of 2021. Chekker will be marketed by beamionic gmbh, a new start-up company founded by Robotic Eyes.**

Schöck acquired the 49.95 percent share in Robotic Eyes through many years of successful collaboration. The Austrian software company with nearly 20 employees is a pioneer in augmented reality- (AR) and artificial intelligence-based (AI) solutions for the construction industry and other sectors. The first product to be developed jointly by Schöck and Robotic Eyes is a digital system solution, which will be launched in 2022 under the name of Chekker, and produced and distributed by beamionic gmbh, a wholly owned subsidiary of Robotic Eyes. Dr. Bernard Reitingner, technical managing director at Robotic Eyes and beamionic gmbh, and Hubert Fritschi, who has previously worked in various management roles at Schöck, will be taking over the management of beamionic gmbh.

### **The quality “Chekker” for precasting plants**

With Chekker, beamionic is providing precasting plants with a precision measuring instrument which is also revolutionizing the way precast components are made. Instead of having to compare drawings with results, Chekker gives workers step-by-step instructions at a 1:1 scale projected directly on to the work surface. Automatic calibration ensures precision, and the automatic quality check ensures the work steps are carried out precisely and that any deviation is reported. Furthermore, the time data of the prefabrication plants can be recorded in parallel to enable the final costing to be carried out automatically and make analysis of the manufacturing process easier. Chekker is a user-friendly, highly efficient hybrid solution consisting of 2.5D laser/beamer projection and optional AR visualization on a tablet, smartphone or HoloLens.

“Digitalization not only means the acquisition of new technology, it also primarily involves the simplification and automation of work processes. With Chekker, we support production processes by increasing efficiency and quality, even though the industry is experiencing an acute shortage of skilled personnel,” commented Mike Bucher, chairman at Schöck AG. “We are delighted that a permanent partnership has evolved through our long-standing collaboration with Robotic Eyes when developing this new product. Together, we aim to advance the use of digitalization in the construction sector using innovative future technologies. Using digitalization and AR solutions represents a quantum leap and opens up exciting new possibilities for quality assurance, especially for Schöck, where measurement software has played an important role for many years”.

## Images / Caption

### [Schoeck\_PM\_Beteiligung-Robotic-Eyes\_01]



*The executive board of Schöck AG and Robotic Eyes GmbH with the managing directors of beamionic gmbh (L to R): Hubert Fritschi (managing director of beamionic gmbh), Dr. Wolfgang Walcher (CEO Robotic Eyes GmbH), Dr. Bernhard Reitingner (technical managing director of Robotic Eyes GmbH and managing director of beamionic gmbh), Mike Bucher (chairman of Schöck AG).  
Photo: Schöck Bauteile GmbH.*

### [Schoeck\_PM\_Beteiligung-Robotic-Eyes\_02]



*Checker, an instrument for automated production and quality assurance in the manufacturing of precast concrete components, is the first product of the newly founded company beamionic gmbh.  
Photo: Schöck Bauteile GmbH.*

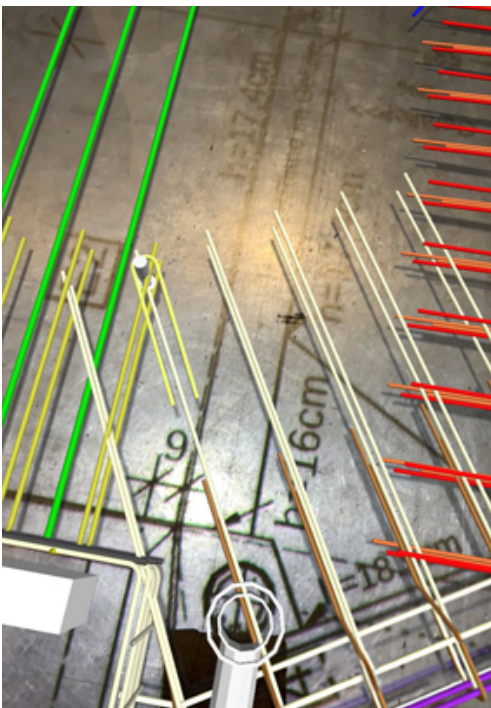
[Schoeck\_PM\_Beteiligung-Robotic-Eyes\_03]



*Chekker is a user-friendly highly efficient hybrid solution consisting of 2.5D laser/beamer projection and optional AR visualization on a tablet, smartphone or HoloLens.*

*Photo: Schöck Bauteile GmbH.*

[Schoeck\_PM\_Beteiligung-Robotic-Eyes\_04]



*3D augmented reality visualization by Chekker enables straightforward operational implementation of the abstraction from the 3D rendering of the plan.*

*Photo: Schöck Bauteile GmbH.*

**About Schöck:**

Schöck Bauteile GmbH is a company of the Schöck Group, which is active internationally in more than 40 markets and has over 1100 employees. The main headquarters, and where the company's success story began in 1962, is in Baden-Baden at the edge of the Black Forest. The company's founder Eberhard Schöck applied his knowledge and construction site experience to develop products that streamlined construction and solved complex problems in building engineering. This mission has formed the foundation of the company's philosophy to this day. It has made Schöck into one of the leading providers of reliable and innovative solutions to reduce thermal bridges and impact sound and to create thermally insulating and secure façade fasteners and reinforcement technology. Schöck products make smart construction methods possible and ensure consistent construction quality. Addressing building engineering and energy efficiency needs are the company's top priorities. To meet the construction needs of tomorrow, Schöck is driving the adoption of digital technologies in all areas, from workflows and planning to the construction site.