



CDM Vision launched its new augmented reality technologies at Hannover Messe

The leading Augmented and Virtual reality technology company CDM Vision introduced its advanced Augmented Reality products and solutions, Augmented Distant Services (ADS) and Surface Projector to the manufacturing industry at Hannover Messe.

CDM Vision, which develops software and technologies to improve efficiency and accuracy in work processes by supporting businesses in their digital transformation, offers Augmented and Virtual Reality solutions to contribute to the way companies conduct business. CDM Vision continues to play a key role in promoting cooperation among teams and enriching team competencies across a wide range of sectors in the manufacturing industry. With over 20 years of experience in Augmented and Virtual Reality applications and solutions for various industries, the company offers Augmented and Virtual Reality roadmaps and proof-of-concept studies for its clients and their specific fields of business as well as consultancy for developing products and solutions.

Hannover Messe, Europe's top industrial technology trade show, is where the most innovative technologies from virtual product development to product creation and management software are exhibited. CDM Vision, included in the Digital Factory line-up of the trade show, exhibited ADS, which is built on an augmented reality engine and incorporates 3D into communication, and the all-new Surface Projector, a product that enables checking of scanned data.

"Our new technology makes communication three dimensional"

CDM Vision's founding partner Ali Serdar Emre explained that the company is enriching communication with 3D through Augmented Distant Services, "ADS is our product that enables industrial services such as maintenance, servicing and training to be handled distantly. This technology allows any device with a screen to be connected to an augmented reality headset, tablet or phone in another location. In addition to voice and video communication, the person in the field can also be told what to do through three dimensional elements. As a result, it becomes easier for the said person to understand and also, time and money is saved by not having to actually visit the field. This technology that we developed at CDM Vision is currently used in the "Future Work Lab", an innovation lab

within Fraunhofer IPA, a prestigious research institute in Germany, simulating factories of the future.

“We broke new ground in product quality control”

Mr. Emre said that CDMVision broke new ground in product quality control and production processes with its new app Surface Projector, “Our Surface Projector technology makes the measurement and quality control data received from the scanned object visible. Thus, it becomes possible to test the accuracy of the scanned data, generated to create a digital twin of any object or to understand whether the manufactured product meets the targeted quality, very fast and easily. Using the latest augmented reality technology, the scanned object is shown on the screen of any mobile device. And, reflecting the scanned data on the camera image enables such data to be checked on the surface of the actual object.”