
VODAFONE AND ERICSSON DEMONSTRATE NEW 5G PROOF OF CONCEPT

- Vodafone and Ericsson demonstrate a new 5G Proof of Concept following joint commitment to 5G innovation announced at Mobile World Congress 2016
- The world first 5G Smart Network Edge prototype built by connecting the Vodafone 5G lab, Düsseldorf with the Ericsson Eurolab, Aachen, Germany
- A Machine Vision application was used to demonstrate benefits of 5G Smart Network Edge shown live during the Ericsson Innovation Days in Aachen

Ericsson (NASDAQ: ERIC) and Vodafone have demonstrated a new 5G Proof of Concept following their joint commitment to 5G innovation announced during Mobile World Congress in February this year. The two companies created a 5G Smart Network Edge prototype including a 5G ready core and demonstrated the benefits of network slicing and distributed cloud technology using the example of a Machine Vision application.

Machine Vision is increasingly used for quality assurance within manufacturing and production processes and to measure or recognize objects. In a typical setup pictures provided by high-speed cameras are processed, analyzed and trigger further actions such as sorting out defect parts.

In a live demo shown during the Innovation Days at Ericsson's R&D Center in Aachen both companies showed how the 5G Smart Network Edge enables much greater efficiency for industry: due to reduced network latencies the recognition rate of a cloud-based face detection application was increased; significantly less video traffic had to be sent over the Wide Area Network and sensitive data was kept locally and was therefore better protected against unauthorized access.

Sonja Graf, Head of Vodafone Innovation Park, Vodafone Germany, said: "Within only 3 months we created a 5G Smart Network Edge prototype by connecting our labs. The Face Recognition use case is just one example demonstrating how 5G will meet the diverse needs of a wide range of industries."

Valter D'Avino, Ericsson Head of Western & Central Europe, said: "We are delighted that the Ericsson and Vodafone labs have come together to innovate and this first use case shows an excellent example of how 5G can enable industries to become more efficient as well as more secure and cost effective."

PRESS RELEASE

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NOTES TO EDITORS

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