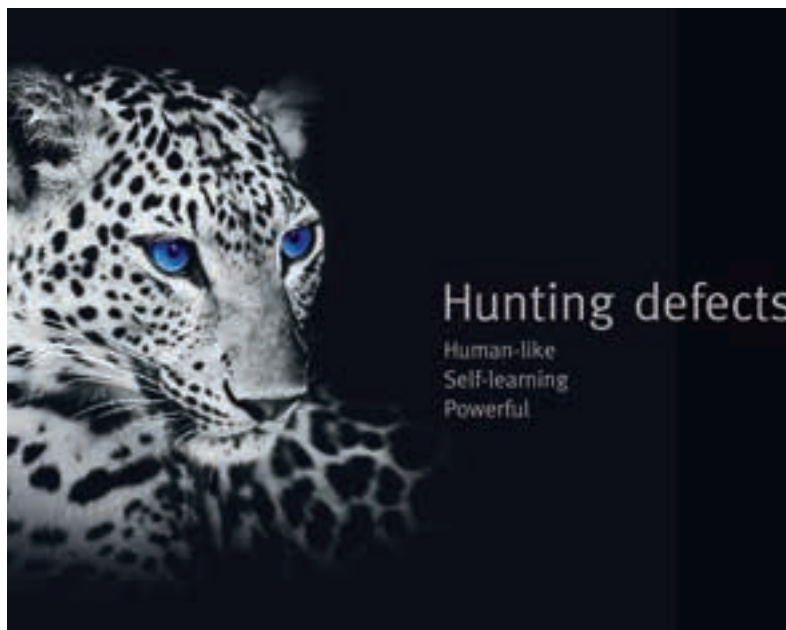




«With ViDi software, computers learn the same way that children do.»

NICOLAS CORSI
CEO, ViDi Systems SA



ON THE TRACK OF THE TINIEST FAULTS

On the track of the tiniest faults

They are absolutely tiny and hardly visible to the naked eye. Quality inspectors know how difficult it is to uncover faults or discrepancies in the production process. Testing processes are time-consuming and not always successful. Industry 4.0 changes that too, with the aid of «deep learning» technology. In the village of Villaz-Saint-Pierre, in the canton of Fribourg, a nine-strong group of software engineers has been working on the future solution for quality inspection since 2012. ViDi Systems SA distributes the first ready-to-use software suite for industrial image analysis based on deep learning. The trick is, the program learns independently and takes its own decisions in the blink of an eye. This means that artificial intelligence has finally reached the factory workshop.

Niche successfully filled

The ViDi software finds faults, for example in machine parts, welds, watch components, solar panels or on complex textiles. The system identifies and classifies products, even without a barcode. «The number of possible applications is limitless,» says ViDi CEO Nicolas Corsi. ViDi successfully fills a niche with its analysis software. No other product is as technologically advanced or as well-proven in industrial applications, for example with a wide variety of Swiss watch manufacturers.

Systematic market entry

The demand for automated quality inspection is growing, above all in the USA. So in June 2014 ViDi began to investigate the market potential. There are more than half a million people working in quality control in the United States. This was followed by trade show appearances, roadshows at dealers and system integrators, and a lively presence on social media. Now the ViDi software suite is being tested by well-known American companies for their production processes, and in some cases is already being used. This is only the beginning. In the next three years ViDi Systems is planning to achieve sales amounting to several million US dollars with its software suite. Just as artificial intelligence now pervades our daily life, ViDi Suite will probably be an integral component of the modern and smart factory in a few years time.

FACTS

TARGET MARKET
USA

SECTOR
Software

VIDI SYSTEMS SA

LOCATION
1690 Villaz-St-Pierre

www.vidi-systems.com



OFFICIAL PROGRAM

Switzerland. 
Trade & Investment Promotion.