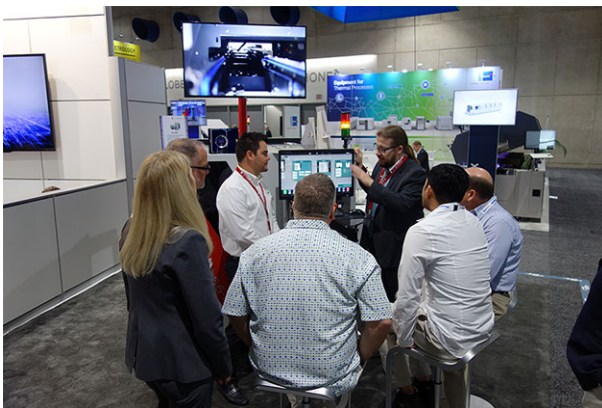


## Press Release

### Viscom presented IoT and Industry 4.0 at APEX show

*Duluth, GA, March 2018* — Viscom today announced that it had its best IPC APEX EXPO to-date with a record number of visitors inspired by its intelligent cross-linked systems – ready for i4.0 applications. From February 27 to March 1, 2018, the company presented in San Diego a complete range of advanced inspection systems, including 3D SPI, 3D AOI, 3D MXI and 3D AXI, and won a 2018 NPI Award for its X7056-II cutting-edge inline X-ray technology. Viscom also partnered with the IPC Connected Factory Exchange (CFX) initiative, introduced for the first time ever at the IPC APEX EXPO.

The CFX Showcase included live demonstrations of standardized Internet of Things (IoT) data from Viscom machines through the cloud and on to visitors' mobile phones. The demo took place during the entire show: On their personal devices, visitors observed real-time analytical reports, such as OEE (overall equipment effectiveness), unit counts, as well as the live data stream showing actual events occurring on the machines in front of them. With no software to



3D AXI demonstration with the X7056-II

install, nothing proprietary, and no middleware required, this illustrated the true nature of IoT, with CFX as the 100 percent open standard.

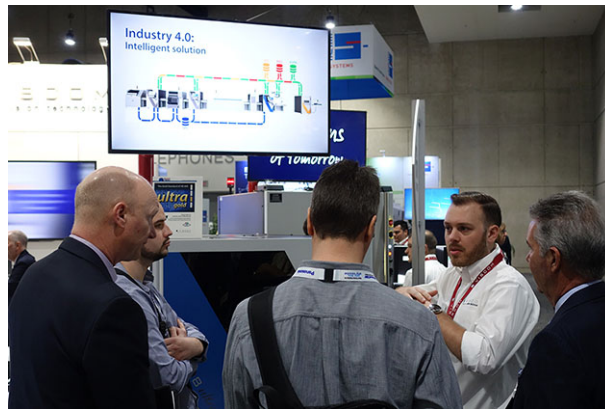
“As an AOI and X-ray inspection vendor, our systems are the sensors of any Industry 4.0

environment,” commented Carsten Salewski, President and CEO of Viscom Inc. “Our equipment provides the data that can be used to improve processes and product quality. We have supported the IPC CFX standardization efforts

from day one. It was very exciting to see our industry's first standard based IoT network come to life in San Diego."

When implementing concepts within the scope of Industry 4.0, 3D inspection systems for SPI, AOI, AXI and MXI from the same source are an obvious advantage. "So naturally Viscom was involved early on with several platforms like our own Quality Uplink and an open i4.0 interface that allows third parties to connect to our equipment" emphasized Salewski.

With the Quality Uplink software feature, Viscom enables intelligent linking of results from the different inspection gates. The operator has fast access to all the essential data and images. Furthermore, the inspection



Industry 4.0 solutions and the 3D AOI system  
*S3088 ultra gold*

systems can carry on fully automated communication with, for example, the placement machines and paste printers, and influence their parameters (Closed Loop). Viscom Open Interface 4.0 on the other hand enables customers who have decided on a Viscom 3D AOI system to combine their results with those from a solder paste inspection for a networked evaluation, even if the SPI system is not from Viscom.

**About Viscom**

Viscom AG develops, manufactures and sells high-quality inspection systems. The portfolio encompasses the complete bandwidth of optical and X-ray inspections. In the area of assembly inspection for electronics manufacturing, the company is among the leading suppliers worldwide. Viscom systems can be configured specific to the customer and can be interlinked. The company headquarters and manufacturing location is in Hanover, Germany. With a wide network of branches, applications centers, service support points and representatives, Viscom is represented internationally. Founded in 1984, since 2006 Viscom has been listed on the Frankfurt Stock Exchange (ISIN: DE0007846867). For additional information: [www.viscom.com](http://www.viscom.com)