

For Immediate Release

Voith partners with Persistent Systems, LLC to offer unique radio technology for industrial environments

MANET radio technology will improve communications conditions in challenging environments

Heidenheim, Germany/York, PA (April 11, 2017) – Voith Digital Solutions, a subsidiary of Voith that delivers world-class products and services in IT, automation, software and sensor technology, today announced a long-term agreement to partner with Persistent Systems, LLC (“Persistent”) to offer their radio technology to all of Voith’s industrial environments.

Persistent’s Wave Relay® is the preferred solution for Voith’s MANET (Mobile Ad Hoc Network) needs, connecting the Internet of Things (IoT) with reliable communications in very complex environments. This system significantly increases the digital capabilities of the solutions offered by Voith by creating better communication ranges at industrial facilities and greatly improving Voith’s IoT/Industry 4.0 mobile radio networking solutions.

Industrial facilities present unique challenges to wireless communication systems, making it difficult to deliver advanced IoT Solutions, Big Data Analytics, Remote Video Diagnostics, and other cost saving services. This radio system will establish a high-speed wireless network with no need for an existing fixed network infrastructure as it utilizes MIMO technology and advanced mobile routing to thrive in complex industrial environments, resulting in a robust system that can be rapidly deployed while delivering high Ethernet data rates. This integration of advanced wireless technology into Voith’s digital solutions enables Voith’s cutting edge technology to be rapidly deployed and to proliferate, paving the road to the next industrial revolution.

Voith’s solutions equipped with Wave Relay® provide:

- Real-time HD engineering Video Teleconference support at machine level
- Augmented Reality experience throughout industrial complexes where wireless traditionally has failed.
- IoT capabilities for traditionally mechanical sensors and systems, bringing a new dimension to efficiency and profitability.

“For 150 years, Voith’s technologies have been inspiring customers, business partners and employees worldwide,” said Jon Blankenship, Voith’s Global Director, Emerging Technologies and IoT. “We are excited about offering the MANET products so all Voith industries can significantly increase the speed and efficiency of Voith’s solutions in challenging environments.”

Dr. Herbert Rubens, Persistent’s CEO, offered a similar perspective.

“Our partnership with Voith represents a continued expansion of MANET capabilities into the IoT marketplace with field hardened advanced technology,” Rubens said.

About Voith





For 150 years, Voith's technologies have been inspiring customers, business partners and employees around the world. Founded in 1867, Voith today has around 19,000 employees, sales of \$4.7 billion and locations in more than 60 countries worldwide and is thus one of the largest family-owned companies in Europe. Being a technology leader, Voith sets standards in the markets of energy, oil & gas, paper, raw materials and transport & automotive.

About Voith Digital Solutions

Voith Digital Solutions bundles Voith's long standing automation and IT expertise with the know-how in the fields of water power, paper machines and drive engineering. This new Group Division works with new and existing customers to develop innovative products and services by driving IoT innovations and decisively shaping the digitalization process in the field of machine and plant engineering.

About Persistent Systems, LLC

Headquartered in New York City since 2007, Persistent Systems, LLC is a global communications technology company which develops, manufactures, and integrates a patented and secure Mobile Ad Hoc Networking (MANET) system: Wave Relay®. Wave Relay® is capable of running data, video, voice and other applications under the most difficult and unpredictable conditions. For more information visit <http://www.persistentsystems.com>

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Welcome
to the Next
150 Years