

SPS IPC DRIVES 2016

## Wireless monitoring and configuration

At SPS IPC Drives, HMS Industrial Networks introduces the Anybus Wireless Bolt, a wireless access point for machines or cabinets. EWON, which is part of HMS, shows its Netbiter gateway with CAN for field equipment.

The Wireless Bolt is a wireless access point designed to be mounted on a machine or cabinet to give it wireless access via WLAN, Bluetooth, or Bluetooth Low Energy. This access makes it possible to configure the machine via a regular tablet or smartphone or connect it to a Cloud service, realizing Industrial IoT. The Anybus Wireless Bolt is mounted onto a machine or cabinet (just like a bolt) to give it a robust and IP67-classed wireless interface. It is typically used for configuration purposes. For example, the access point makes it possible to [bring your own device \(BYOD\)](#) such as a tablet or smartphone to a machine and use it as a human-machine interface.

The Wireless Bolt can communicate wirelessly up to 100 m via WLAN, Bluetooth, or Bluetooth Low Energy. On the wired side, the product can communicate with devices via CAN, serial (EIA-232/485), or Ethernet. Regardless of the communication method, it has the same connector for both power and communication.

“We have seen a steadily growing interest in wireless connectivity through our Anybus Wireless Bridge,” says Martin Falkman, Product Manager at HMS Industrial Networks. “Therefore, we wanted to offer machine builders a robust, industrial-grade wireless solution for on-machine mounting. The Anybus Wireless Bolt is yet another way that HMS enables customers to realize IIoT with solid and secure wireless solutions, getting them ready for the communication demands of the future.”



*The Wireless Bolt can communicate via CAN and wirelessly (Photo: HMS)*



*The Netbiter gateway will get a CAN port with its next update (Photo: EWON)*

[EWON, which is part of HMS](#), shows an update to its Netbiter gateway at the stand of HMS at SPS IPC Drives 2016 (hall 2, stand 438). The Netbiter enables users to monitor and control remote installations online. Users can track performance, get alarms if something is wrong, and manage and configure their equipment via a computer or smartphone. With the update, which will be available in 2017, the gateway now has a CAN interface. It sends the (encrypted) data via the cellular network or Ethernet to the Netbiter Argos data center in the cloud. Users then log into the webpage to access their data.

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