



Press Information

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Contact: Johan Liden + 46 31 750 44 17 johan.liden@parker.com
Parker Electronic Controls Division

Bluetooth connectivity solution brings IoT-like connectivity to the machine control world

New solution replaces modems and revolutionises remote support

Mölnlycke, Sweden, 26th February 2016 – The Electronic Controls Division of Parker Hannifin Corporation, the global leader in motion and control technologies, has announced a new connectivity solution to augment its IQAN controller range for mobile applications.

The IQAN-G11 is a Bluetooth device that is connected to the machine CAN bus. IQAN-G11 allows the operator or service technician to access machine parameters using a smartphone or tablet with dedicated IQAN apps like IQANsync and IQANrun. With IQANsync the operator can update machine application and get logs from the machine. The IQANsync app can also work as a gateway to the cloud service, IQANconnect, making the machine available for service technicians in remote locations. The IQANrun app is a tablet version of the current PC based service tool now in a more portable format.

This new device adds connectivity that will revolutionise remote support. The use of a smart phone in combination with the IQAN-G11 will give both operators and service technicians a powerful and cost efficient diagnostic tool that can help maximise machine productivity.

As an alternative to existing modem-based solutions, the IQAN-G11 allows the use of the latest smartphone and tablet technology to be utilised as connectivity solutions in machine control. With this solution it is now possible to directly interface Bluetooth-capable devices directly to the CAN bus by using dedicated IQAN apps.

Most day-to-day usage such as downloading logs and productivity data are performed free-of-charge via Bluetooth. When a remote connection is needed, the IQANsync app facilitates a smartphone-to-cloud connection which allows a remote service team to 'tap into' the CAN

bus via the IQANconnect cloud service. IQANconnect uses pre-paid connection tokens thereby avoiding expensive monthly connection charges.

Housed in a rugged black plastic case, the IQAN-G11 is designed for easy mounting either in-cab or outside. It incorporates a robust 4-pin Deutsch connector and a status indication LED for easy, at-a-glance confirmation of operational status.

Commenting on the new IQAN-G11 Bluetooth solution, Johan Liden, Product Manager IQAN Electronics, Electronic Controls Division, Parker Hannifin said: "I am very pleased to see this latest addition to our product line be released to the market. It is important for our customers to be able maximize machine uptime and the IQAN-G11 allows them to do exactly that. It will also offer significant cost and time savings as it facilitates remote support with smartphone technology with a convenience that was just not available previously."

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Image caption: The rugged IQAN-G11 is designed for easy in-cab or outdoor mounting.

About IQAN

IQAN is the global leader in motion control systems for the mobile market. The solutions offered enable mission critical reliability, hard real-time and high performance systems. With a portfolio of controllers, display modules and software solutions, IQAN is uniquely positioned to empower OEMs to develop innovative solutions quickly and cost-effectively. IQAN has global presence with R&D locations in Sweden, Canada and Finland and technical support centres in Europe, Asia and the USA. (www.parker.com/iqan)

About Parker Hannifin

With annual sales of approximately \$13 billion in fiscal year 2015, Parker Hannifin is the world's leading diversified manufacturer of motion and control technologies and systems, providing precision-engineered solutions for a wide variety of mobile, industrial and aerospace markets. The company employs approximately 55,000 people in 50 countries around the world. Parker has increased its annual dividends paid to shareholders for 59 consecutive fiscal years, among the top five longest-running dividend-increase records in the S&P 500 index. For more information, visit the company's website at www.parker.com, or its investor information website at www.phstock.com.

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