



# Parker IQAN<sup>®</sup> Connect

Total Electro-Hydraulic Control  
and Asset Management



ENGINEERING YOUR SUCCESS.



# **Parker Hydraulics – Your Trusted Partner**

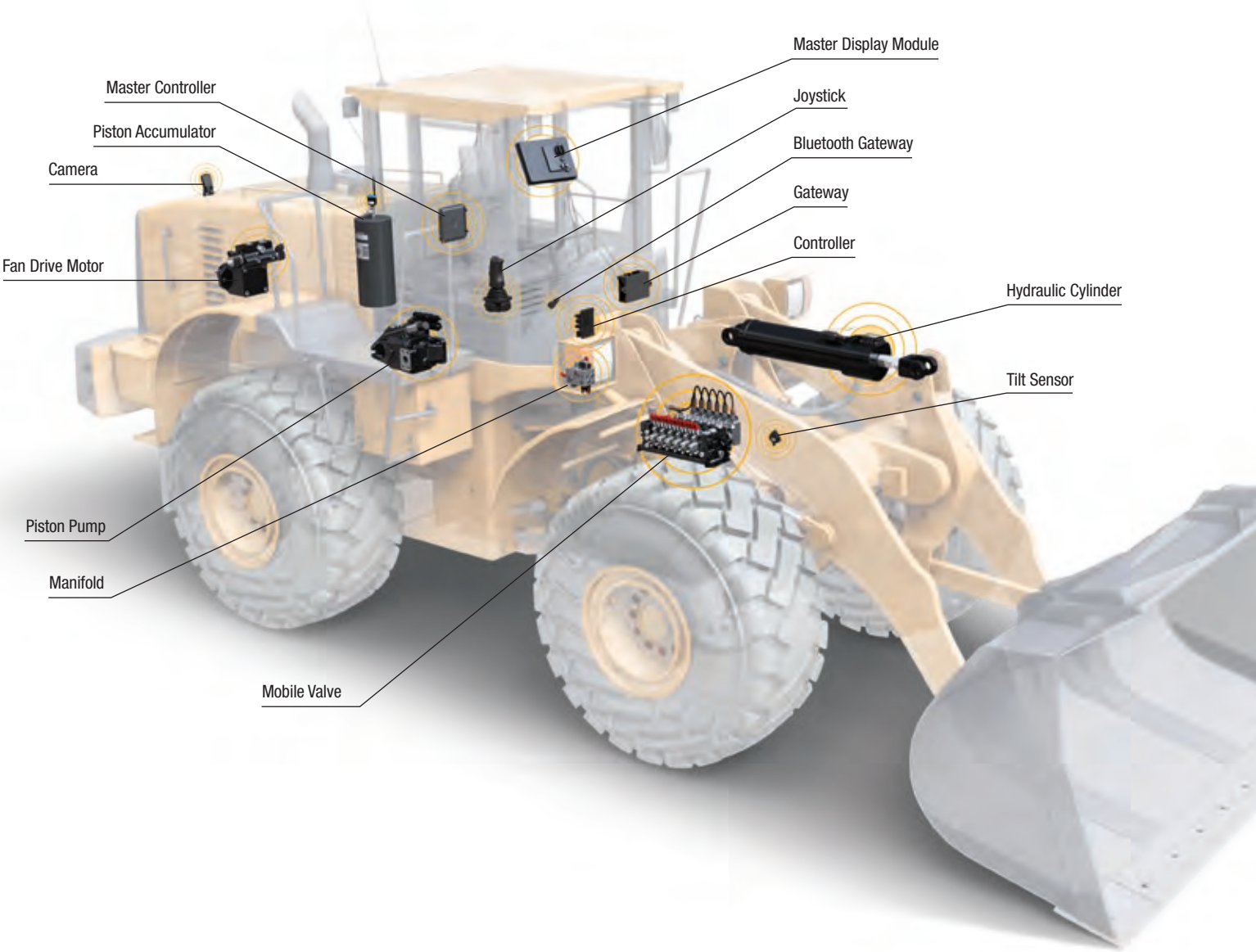
The recognized leader in hydraulic motion control. Put our experience and commitment to work for you.

[www.parker.com/IQANConnect](http://www.parker.com/IQANConnect)

# Simplifying Development. Maximizing Performance.

## Parker delivers the next generation of hydraulic control.

For decades, Parker has been the global leader in hydraulic control. Our history of innovation continues with Parker IQAN® Connect – a totally electro-hydraulic approach that replaces traditional systems in mobile machines.



## Easy to Design and Program

Parker IQAN® Connect offers integrated smart components and customizable software that deliver next-generation connectivity while providing flexibility in design and development.



### ***Speeds up development.***

IQAN® Connect offers a building-block approach that utilizes standard SAE J1939 protocol to simplify component design. With its easy drag-and-drop features and solutions library, this system facilitates rapid development, rapid prototyping and easy validation.

***Simplifies testing.*** With IQAN® Connect's Parker on-screen sliding bar interface, you can achieve "real life" simulation of all input values in your application. This function allows you to look at your display pages, adjust parameters, view logs, test your user interface and much more.

***Enables you to create advanced functions in minutes.*** IQANdesign 5 features an intuitive graphic interface, which simplifies application development for your mobile machine. In fact, IQAN® Connect is so simple, no advanced programming skills are required.

## Easy to Commission and Optimize

Parker IQAN® Connect integrates Parker's intelligent hydraulic components and electronic control hardware and software into one seamless digital ecosystem. With IQAN® Connect, performance information is recorded and stored so it can be accessed instantly. Plus, the system can be fine-tuned in real-time, maximizing efficiency and minimizing costs.

What's more, with IQAN® Software Solutions, you can create custom functions that optimize your machine's energy efficiency, allowing you to run the engine at lower RPMs, while reducing emissions.

IQAN® Connect's simplicity means less downtime and greater productivity for your crew.



## Easy to Access from the Cloud

Incorporating hardware and software from different manufacturers presents challenges. The systems don't always communicate well, and the transfer of information from the machine to the Cloud is sometimes compromised. Parker IQAN® Connect solves this issue by easily integrating hardware and software into one seamless system.

**Your end-to-end solutions provider.** All IQAN® Connect components – including the pump, the controller, the software, and the gateway products – work together to maximize communication efficiency and reliability.

**Simple Cloud connection.** Data from the machine is used in a wide range of connections to a number of different service tools. Cloud storage enables you to monitor your machine when access is limited.

## Easy to Monitor and Maintain

With Parker's IQAN® Service Tools, you can reduce downtime, maximize your investment and help your team be more productive. Here's how.

**Get real time diagnostics.** On site and remotely, IQAN® Connect alerts you when the product experiences certain identified parameters. With its advanced graphic measuring and machine statistics collection functions, you can fine tune the system instantly. Comprehensive analytics are also available for your review.

**Upgrade in the workshop or out in the field.** Functions can be easily customized on a laptop computer and downloaded to the IQAN® master module in a matter of minutes. Trouble-shooting and updating of application software can be done off-site, as well.

**Customize access to meet your needs.** The IQAN® system offers multiple levels of access for various parts of your organization. You can even create a customer portal. In addition, service tools are available for mobile and office formats.





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