Mobile Electronic Control
www.parker.com/hyd/iqan
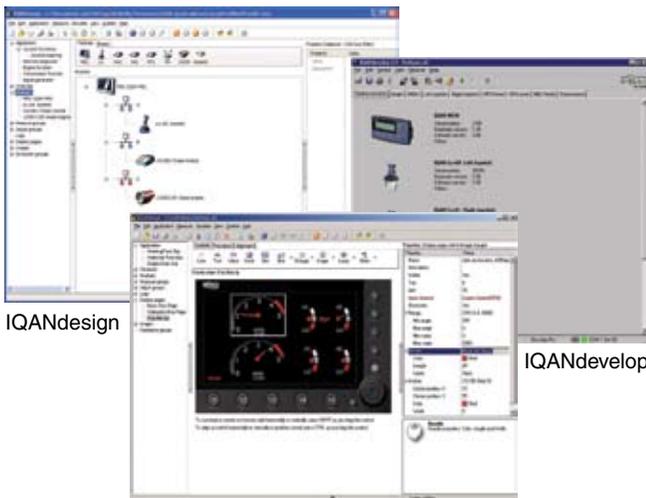
The state-of-the art IQAN system is a unique, totally electronic approach that replaces mechanical and electromechanical systems for controlling and monitoring hydraulics in mobile machines. With Parker's IQAN you have complete freedom to design customized software without advanced programming skills. The functions available within the IQAN system are so flexible that many levers, gauges, and switches are eliminated from machine designs.

IQANdesign

IQANdevelop

Mobility

Rapidly develop complex functionality for your mobile machinery using IQAN software platforms – the best tools for the job.

Rugged Hardware

The wide range of outdoor modules with flexible I/O available with IQAN ensures complete machine management. The system offers a building-block approach that simplifies component design and installation and reduces development time and expense.

IQAN hardware is tested for robust operation and compatibility with mobile hydraulic equipment. In addition, it meets all industry and government standards for operation in severe conditions that include extremely high or low temperatures, vibrations, mechanical impact, and electromagnetic interference.
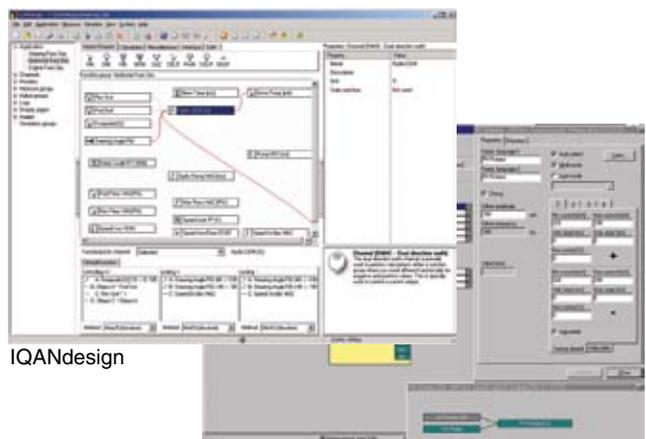

IQANdesign

IQANdevelop

Simplicity

IQAN's graphical programming language and diagnostic tools allow for rapid application development without any specialized knowledge or expertise.
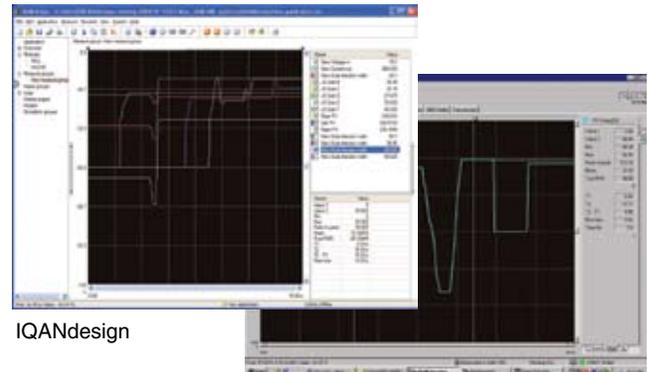
Parker

Simple Software

The IQAN software suites offer a complete set of tools for the machine builder. The IQAN suites provide tools that allow OEMs to address all aspects of the machine life cycle, from design, through production to field service. The IQAN software tools offer graphical, drag and drop programming, software simulation and customization tools.

IQANdesign is a high level graphical design tool which dramatically simplifies application development for any mobile machine and reduces development time. IQANrun software is a user-friendly service and production tool which includes a powerful, graphical measure capability and simplifies machine tuning for increased productivity. IQANscript software is a script development tool which enables quality assurance for machine start-ups and controlled service procedures, which increase manufacturing productivity and product quality. IQANcustomize is a tool that enables customization of the IQANrun software functions and appearance to create a unique service and production tool.

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IQANdesign

IQANdevelop

IQANdesign

IQANdevelop

Time to Market

Application simulation allows your machine's functionality to be checked while at the safety and comfort of your desk. This speeds development time and reduces costs.

Machine Management

IQAN diagnostic tools reduce field service time and costs. Remote capabilities allow specialized diagnostics to be done away from the machine.

System Types	IQANdevelop platform	IQANdesign platform
CANbus masters	IQAN-MDM	IQAN-MDL, IQAN-MD3, IQAN-MC2
CANbus modules	IQAN-XP2, IQAN-XT2	IQAN-XA2, IQAN-XS2, IQAN-XT2
CANbus joysticks	IQAN-LL, IQAN-LM	IQAN-LL, IQAN-LM
Standalone controls	IQAN-TOC8, IQAN-TOC2	IQAN-MC2
Analog joysticks	IQAN-LSL, IQAN-LST, IQAN-LF1, ICL4, ICM4	
Sensors	IQAN-SP035, IQAN-SP500, IQAN-ST, IQAN-AT_0, IQAN-FP_000, IQAN-GS_0, IQAN-RM_0, IQAN-RS_0	

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