



CONNECTING MEDICAL DEVICES

Reliable, Efficient & Flexible



APPLICATION AREAS

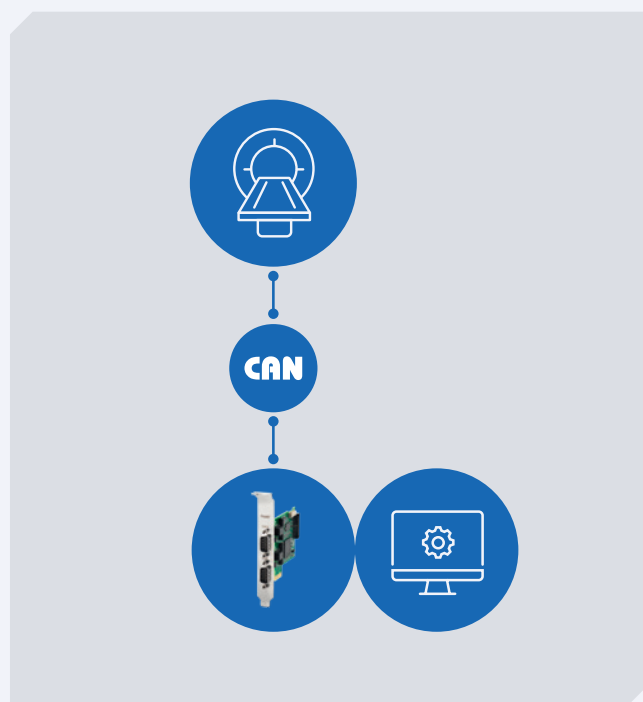


CONTROL & MONITORING

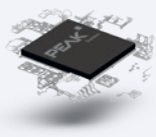
PC-based monitoring and control applications need a stable, reliable and performant connection to a broad variety of industrial networks.

The connection must support the standard PC interfaces to allow an easy and fast integration process in the PC environment.

- ✓ Performant hardware for demanding applications and real-time data processing required.
- ✓ Easy integration into customer devices by supporting various PC interface standards (PCIe, PCI, PCIe Mini, PCIe 104...).
- ✓ Typical networks: CAN, CAN FD, CANopen, Ethernet-based Industrial networks



PC INTERFACE FORM FACTORS



CHIP

Up to 4 CAN or CAN FD channels can be implemented based on an FPGA design via PCI Express or USB.



MODULE

Our CAN modules with integrated connectors provide flexible and compact integration of up to 2 CAN or CAN FD channels via USB.



CARD

Up to 4 CAN, CAN FD LIN or FlexRay channels are available in various form factors like PCI, PCIe (Mini), M.2, and more.



BOXED

USB-to-CAN adapters deliver up to 2 CAN or CAN FD channels in a rugged, portable form factor for quick setup and reliable data exchange.



PEAK
System

Ixxat
BY HMS NETWORKS



Connect

Seamlessly linking devices to PCs or to each other



Communicate

Enabling fast and reliable data exchange



Comprehend

Transforming data into insights



Control

Operating and managing devices



PC Interfaces



Infrastructure Components



Software Tools



Computing Gateways



QUALITY

- ✓ Durability – Built for long-term use in demanding environments
- ✓ Reliability – Consistent performance under critical medical conditions
- ✓ EU Manufacturing – Parts manufactured in the EU, ensuring high standards and traceability



PERFORMANCE

- ✓ Compatibility – Seamless connection of medical systems
- ✓ Long Lifecycles – Stable supply for 10+ years to avoid recertification
- ✓ High Speed Connectivity – High performance components ensure fast communication



SUPPORT

- ✓ Experience – Proven track record in high stakes industries
- ✓ Tech support – Personal technical support in every step of the integration
- ✓ Extensive software package – Driver suite for various operating systems available

FOR MORE INFORMATION:
Hello.vc@hms-networks.de

**READ MORE ABOUT OUR MEDICAL
COMMUNICATION SOLUTIONS.**
www.hms-networks.com/medical

