

Press Release



New Anybus® gateway generation with Modbus TCP Client/Master functionality from HMS, simplifies system integration

First versions are Modbus TCP Client/Master gateways connecting ModbusTCP to Profibus, DeviceNet and EtherNet/IP.

With the release of the new Anybus X-gateway for Modbus TCP, HMS presents a brand new generation of gateways. With slim housing, web-based configuration, easy cable connection and an SD card slot for easy module replacement, the new gateways are designed to make life easier for system integrators. The first versions enable communication between Modbus TCP (widely used within process automation, measuring, sensors and actuators etc.) and PLC networks on Profibus, DeviceNet and EtherNet/IP.

As all Anybus gateways, the X-gateway for Modbus TCP solves important connectivity issues for system integrators working with industrial network design. These issues include connecting two otherwise incompatible networks in a factory, migrating to a newer network standard or expanding the length of an existing network.

This new release is the first in HMS's new Anybus gateway generation with a new design and look. *"We first showcased the new gateway concept last year and we know that there is a great need to connect Modbus TCP-enabled devices to Profibus, DeviceNet and EtherNet/IP,"* comments Martin Falkman, Product Line Manager, Gateways at HMS. *"This new generation of gateways will solve many industrial communication problems and we will continuously add on more network versions in the near future."*

New design makes system integration easier

The gateway design offers many benefits for the user such as easier cable connection, backplane stacking possibilities and a wall-mount option for harsh industrial environments. The gateways are designed to operate in rugged industrial conditions and are certified by CE, RoHS, UL, Haz.Loc, ATEX, with Marine certification pending (IACS E10DNV 2.4).

How it works

The X-gateway works as a client/master on the Modbus TCP network (which can eliminate the need for an additional PLC or master) and a slave/adaptor on the Profibus, DeviceNet and EtherNet/IP network. It is connected via a 24 VDC power supply, has a power consumption of no more than 150 mA and passes up to 256 bytes of transparent, cyclic I/O input and output data. The new gateway is designed to

provide a very fast transfer of I/O data between networks, typically with a delay of no more than 5ms.

The dual Ethernet port on the down-link side allows daisy-chaining and eliminates the need for parallel wiring. Configuration is handled through a web interface without the need for any programming. By using an SD memory card, the gateway can be exchanged without any configuration at all which shortens the down time considerably.

The new Anybus X-gateway for Modbus TCP is available as of May 1st 2011.

Read more on: <http://www.anybus.com/products/abxmtcp.shtml>



What is an X-gateway?

Anybus X-gateways allow two different networks to talk to each other. In simple terms you could say that it is a real-time translator between any two networks. Gateways solve important industrial communication issues for system integrators working with industrial network design and offer a quick and easy way to connect two otherwise incompatible networks.

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HMS Industrial Networks is the leading independent supplier of embedded network technology for automation devices. HMS develops and manufactures solutions for interfacing automation devices and systems to industrial networks. Development and manufacturing take place at the headquarters in Halmstad, Sweden. Local sales and support are handled by the branch offices in China, Denmark, France, Germany, Italy, India, Japan, UK and USA. HMS employs over 200 people and reported sales of 36 million EUR 2010. HMS is listed on the NASDAQ OMX Nordic Exchange in Stockholm in the category small Cap, Information Technology: ISIN SE0002136242.

Read more on www.anybus.com