Bridging Profibus and Modbus-TCP networks with an Anybus X-gateway

Simple to use intelligent Gateway connects Schneider Electric, ABB or GE PLCs with Siemens automation systems and networks

The Anybus X-gateway enables system integrators to easily transfer I/O data between two different PLC systems and networks. The X-gateway is a configurable stand-alone gateway that allows plant-floor devices on a Profibus network to communicate with the devices on a Modbus-TCP network and vice versa. Typical applications are installations with mixed usage of Siemens and Schneider Electric, ABB or GE PLCs. One example is automobile manufacturing plants where Profibus based segments shall be integrated into industrial Ethernet based control applications with the popular Modbus-TCP protocol.

The X-gateways primarily focus is on the transfer of cyclic I/O data between two networks, in this case, between Modbus-TCP and Profibus. On the Profibus side, the X-gateway can be equipped with either a slave or master interface, depending on whether a Siemens PLC is part of system infrastructure. If a Profibus Master interface is used with the X-gateway, the Profibus network configuration is easily configured with the "free and included" Anybus NetTool for Profibus, a powerful but easy to use Windows-based configuration tool.

The Anybus X-gateway family is a product line consisting of over 200 proven, robust and ready-to-use off shelf gateways aimed to connect almost every possible combination of two industrial networks. The product family supports 17 different fieldbus and industrial Ethernet networks such as Profibus, DeviceNet, CANopen, CCLink, EtherNet/IP, Profinet and many more. All network interfaces are verified and tested for full network conformance.

For more information please visit the website:
» Anybus X-gateway Features and Benefits (http://www.anybus.com/products/abx.asp)
» Anybus X-gateway Technical Overview (http://www.anybus.com/products/abxtech.asp)