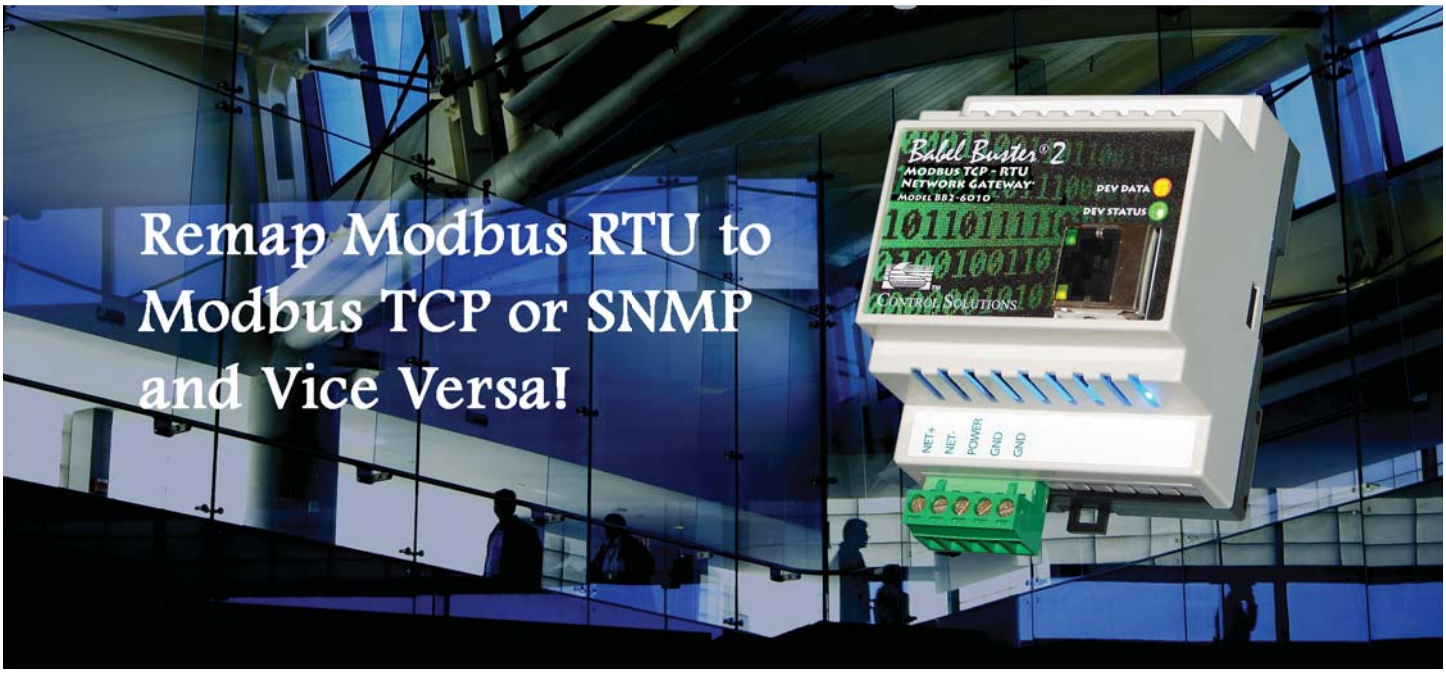
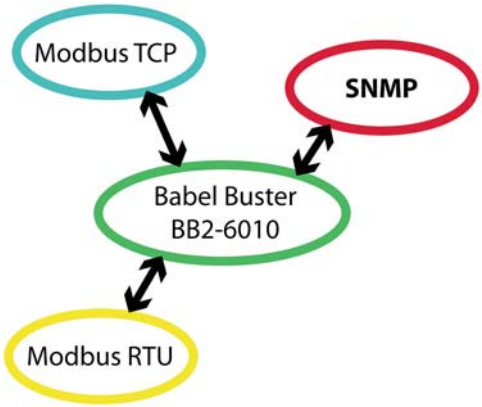


Control Solutions' Babel Buster BB2-6010 is a Modbus to Modbus and a Modbus to SNMP Gateway. The BB2-6010 is more than a protocol translator. It is a self contained server that collects and distributes data according to the rules you create. The most common use of the BB2-6010 is to map Modbus RTU and/or Modbus TCP devices to SNMP. The SNMP manager can use SNMP Get to retrieve contents of any mapped Modbus register. In addition, the BB2-6010 uses threshold rule templates to continuously monitor Modbus data and generate SNMP Traps upon sensing of "alarm" conditions.

Babel Buster BB2-6010 is an SNMP Agent (server), but also includes an SNMP Client. This means the BB2-6010 can query other SNMP devices and make their data available to Modbus or rule processing to generate traps not originally provided by the other SNMP equipment.



The primary applications for Babel Buster BB2-6010 are serial to Ethernet conversion for Modbus devices, and SNMP access to serial or Ethernet Modbus devices. As a Modbus to Modbus gateway, the BB2-6010 will map multiple RTU devices to a single Modbus TCP server map. It can also map multiple Modbus TCP devices to a single RTU slave map. The BB2-6010 can also do Modbus TCP to Modbus TCP register re-mapping to retrofit equipment to a legacy Modbus register map. The Modbus RTU port can be configured as master or slave. The Modbus TCP port can operate as both client and server (master and slave) concurrently.

Modbus MEMBER

Visit our web site for

- *Full details*
- *User Guides & Software Downloads*
- *Pricing & On-Line Ordering*

www.csimn.com

651-426-4410 · 800-872-8613

Built-In Web Server for Configuration and Diagnostics

Read/Write any standard Modbus Register from SNMP, or vice versa!

FEATURES

- Modbus RTU RS-485 Master or Slave
- Modbus TCP Client and Server
- Modbus TCP over Ethernet 10/100BaseT
- SNMP get/set access to all data points
- SNMP trap generation, user programmable criteria
- 1000 16-bit registers (300 useable for SNMP)
- 500 32-bit floating point registers (100 useable for SNMP)
- Supports Modbus “coils”, input registers, holding registers
- Single or double Modbus registers, signed, unsigned, IEEE 754
- Modbus register mapping configured via web interface
- Modbus registers may be scaled (x10, x100, x0.1, x0.01, etc.)
- Modbus (master) polling interval configurable per point
- Virtual server register remapping, Modicon notation available
- User defined “virtual device” register map
- Supports user HTML “wrapper”
- Configure via web pages
- Flash file system with XML configuration files
- Online help
- Password protection for web log-on and ftp
- Field upgradeable firmware upload via ftp
- DHCP or static IP address
- Hardened EIA-485 transceiver for Modbus RTU
- Powered by 10-30VDC or 12-24VAC 50/60 Hz
- Power Consumption: 0.1A @ 24VDC
- DIN rail mounting, 100mm H x 70mm W x 60mm D
- Pluggable screw terminal block for power & RTU network
- Operating temperature -40°C to +85°C
- Humidity 5% to 90% non-condensing
- FCC Class A, CE Mark
- Listed to UL 916 and (Canadian) C22.2 No. 205-M1983

Modbus MEMBER

Configuration of the gateway is done via the web pages served by the internal web server. The user simply fills in templates. The entire configuration is saved in the internal Flash file system in XML format. This file may be exported to replicate additional copies of the configured device, or for backup.

Visit our web site for
- Full details
- User Guides & Software Downloads
- Pricing
- On-Line Ordering

www.csimn.com

CONTROL SOLUTIONS MINNESOTA
PO BOX 10789
ST. PAUL, MN 55110-0789
VOICE (651) 426-4410 • FAX (651) 426-4418
TOLL FREE 1-800-872-8613