

TEXAS INSTRUMENT PHILS. INC. SCADA APPLICATION

USING MGATE MB3000 SERIES

APPLICATION: SCADA/BMS/EMS

INDUSTRY: Manufacturing

REGION: Philippines

SYSTEM REQUIREMENTS

- Modbus gateways that convert between Modbus TCP and Modbus RTU/ASCII protocols that is widely use in OT industries
- Industrial Grade and Rugged design to withstand harsh environmental conditions, such as high temperature , and humidity.

WHY MOXA?

- Supports Auto Device Routing for easy configuration
- Supports route by TCP port or IP address for flexible deployment
- Converts between Modbus TCP and Modbus RTU/ASCII protocols
- 1 Ethernet port and 1 RS-232/422/485 ports
- 16 simultaneous TCP masters with up to 32 simultaneous requests per master
- Easy hardware setup and configuration

INTRODUCTION

TI Philippines Inc. manufactures and distributes semiconductors. The Company focuses on IT products and IT application such as amplifiers, audio, automotive, clocks, interface, micro-controller, and storage products. TP serves automotive, communication, computer, energy, medical, defense, and video and imaging sectors worldwide.

MOXA SOLUTION

- The MB3000 series is a standard Modbus gateways that convert between Modbus TCP and Modbus RTU/ASCII protocols. Up to 16 simultaneous Modbus TCP masters are supported, with up to 31 RTU/ASCII slaves per serial port. For RTU/ASCII masters, up to 32 TCP slaves are supported. Routing through the serial ports can be controlled by IP address, TCP port number, or ID mapping. Routing by ID mapping allows access for up to 16 TCP clients/masters.

- Moxa's Auto-Device Routing function helps eliminate many of the problems and inconveniences encountered by engineers who need to configure large numbers of Modbus devices. A single mouse click is all that's required to set up a slave ID routing table and configure Modbus gateways to automatically detect Modbus requests from a supervisory control and data acquisition (SCADA) system. By removing the need to manually create the slave ID routing table, the Auto-Device Routing function saves engineers significant time and cost.

TEXAS INSTRUMENT PHILS. INC. SCADA APPLICATION

USING MOXA EDS-505A

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MOXA SOLUTION

