

IMPORTANT PRODUCT INFORMATION

READ THIS INFORMATION FIRST

**Product: VersaMax[®] SE (VMSE) – Serial to Ethernet Adaptor Version 2.00
IC200SET001-BB**

This document contains information not currently available in any other publication; therefore, we recommend you read it, then save it for future reference. The VersaMax SE provides Ethernet to Serial communication connectivity in a DIN-rail mount package. As additional information and software updates become available they will be placed on the GE Fanuc WEB site in the Service and Support section:

www.gefanuc.com/support/plc/default.htm

Select VersaMax in the “Select a Product” pull down list.

Operational Notes

Version “BB” of VMSE uses different Firmware files than Version “AA”. Make sure the correct files are used for the version VMSE that is having firmware loaded.

VMSE Firmware File List: For IC200SET001-BB

Functionality	File for Serial Download	File for Network Download	Destination (password)
SNP/SRTP	SNPD0151.HEX	SNPD0151.ROM	G3
PassThru	AQGD510.Hex	AQGD510.ROM	G3
Modbus	MBGD0200.Hex	MBGD020.Rom	G3

Note: The number in each file denotes revision, newer revisions if available will be posted on the GE Fanuc Tech Support WEB site.

VMSE Firmware File List: For IC200SET001-AA

Functionality	File for Serial Download	File for Network Download	Destination (password)
SNP/SRTP	SNP100.HEX	SNP100.ROM	G1
PassThru	Cbx410.Hex	Cbx410.ROM	3Q
Modbus	Mod12.Hex	Mod12.Rom	4D

Serial SNP Master to Ethernet SRTP not supported

A serial SNP master connected to a VMSE will only work with another VMSE that connects serial to SNP slave(s). The operation of a serial SNP master connected to a VMSE to allow communication to Ethernet ports on PLCs is not supported.

Matrix of Supported Products

SNP/SRTP Protocol		Modbus TCP/RTU Protocol	
Product*	Version	Product*	Version
VersaMax Nano & Micro	1.0 or greater	VersaMax Nano & Micro	1.0 or greater
VersaMax modular	1.0 or greater	VersaMax modular	1.0 or greater
Series 90™ -30	8.2 or greater	Series 90 Micro	3.10 or greater
Series 90-20	Not Supported	Series 90-30	8.2 or greater
Series 90-70	Not Supported	Series 90-20	Not Supported
Series 90 micro	Not Supported	Series 90-70	All versions with RTU
VersaPro™	Version 1.1 or greater		
Logicmaster™	Version 9.02 or greater		
Control	Version 2.30		
CIMPLICITY™ HMI	Version 4.01 or greater		

- * **Notes:**
1. Any products not listed have not been tested, and compatibility is not known.
 2. Above controllers have been tested as of 7/18/00. Please contact GE Fanuc for the latest update.
 3. SNP-X is not supported by VMSE

Problems Resolved by Release 2.00

None – this release is to replace hardware components which became obsolete.

Manual was corrected to properly show cable diagrams.

Restrictions and Open Problems

Serial Load of Firmware does not work

Load firmware over the Ethernet network. This problem only occurs when the SNP/SRTP firmware is resident in the VMSE (which is the default firmware the VMSE is shipped with). Many Error messages will occur; do not abort the operation wait; until you receive an error of a bad checksum; you can then reset the VMSE and it will contain the previous firmware before the load was attempted.

The Serial prompt * does not always appear after resetting the VMSE.

If the serial prompt asterisk (*) does not appear, follow this procedure: (1) press the reset button, (2) wait until the right amber serial LED turns off and the left amber serial LED turns on, and (3) enter xxx or xx1 to enter configuration or monitor mode.

VersaPro and ME do not always reconnect on power cycle of PLC or if serial cable between VMSE and PLC is disconnected

If the VersaPro programming software does not reconnect, click on Abort and Connect to re-establish communications. On *rare* occasions, VersaPro will need to be closed and restarted.

HMI does not always properly re-establish communications on power cycle of VMSE or PLC

To re-establish communications, use the CIMPLICITY Process Control panel to stop and restart the Master_TCPIP0 communication driver.

Setting the value of 9999 registers with Logicmaster takes 1 to 2 minutes

The operation occurs and is successful but the Logicmaster programming software appears to lock up. If you are setting large numbers of registers, be patient.