

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

TRICONEX

CM3201S2

TRIDENT COMMUNICATION MODULE

Used with the applicable Triconex safety system configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

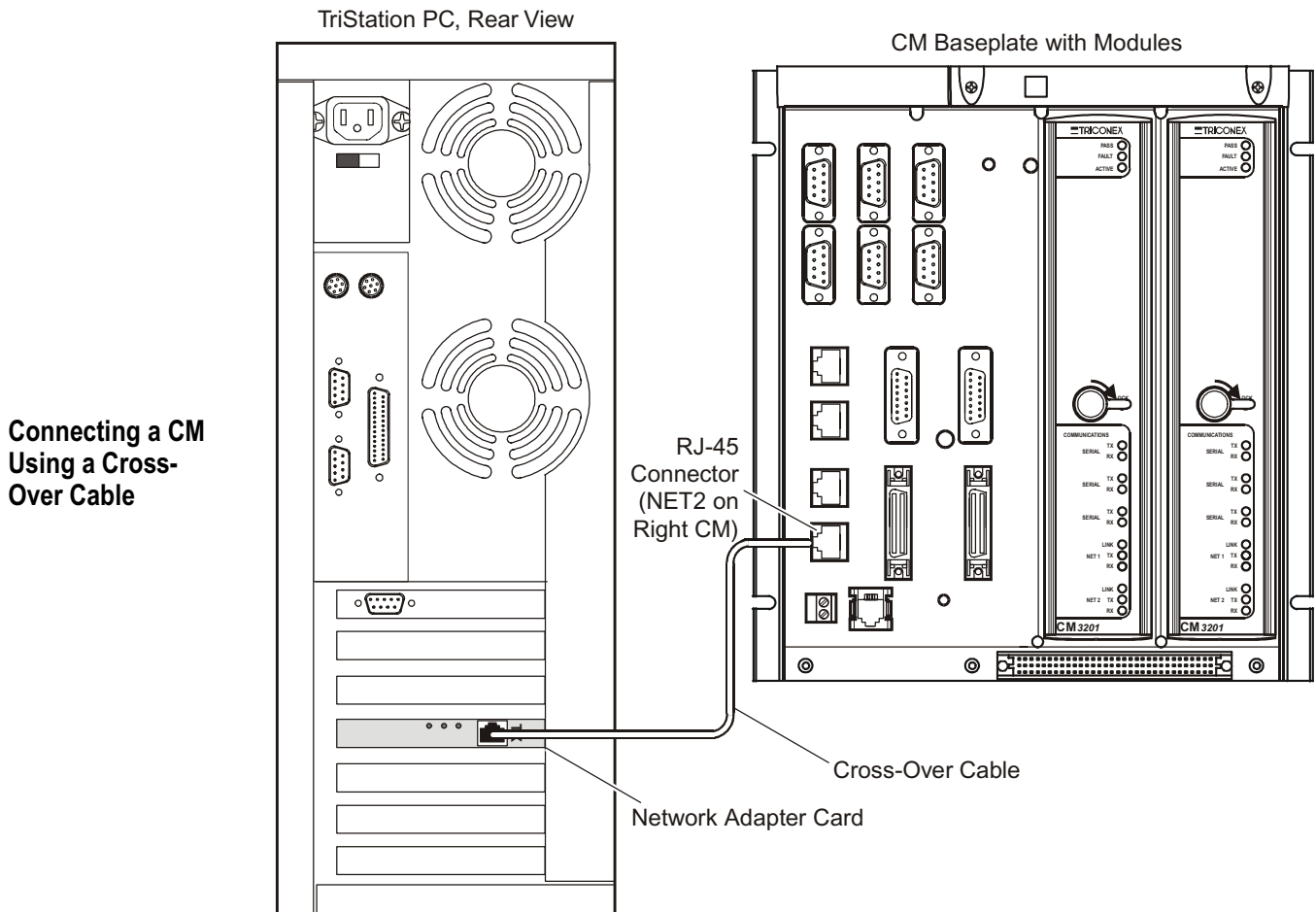
Source: Trident Planning Installation Guide

Connecting TriStation to a CM Port

If your Trident system includes a CM and you want to use a TCP/IP connection to the TriStation PC, you can connect the TriStation PC to the NET1 or NET2 port on the CM. A 10BaseT cable must be used for a NET1 connection. A 10BaseT or 100BaseTX cable can be used for a NET2 connection. On the CM Baseplate, you can attach the cable to an RJ-45 connector or to a MAU. For information about the types of MAUs you can use, see the *Trident Communication Guide*.

▼ **To connect a TriStation PC to a CM port using a cross-over cable:**

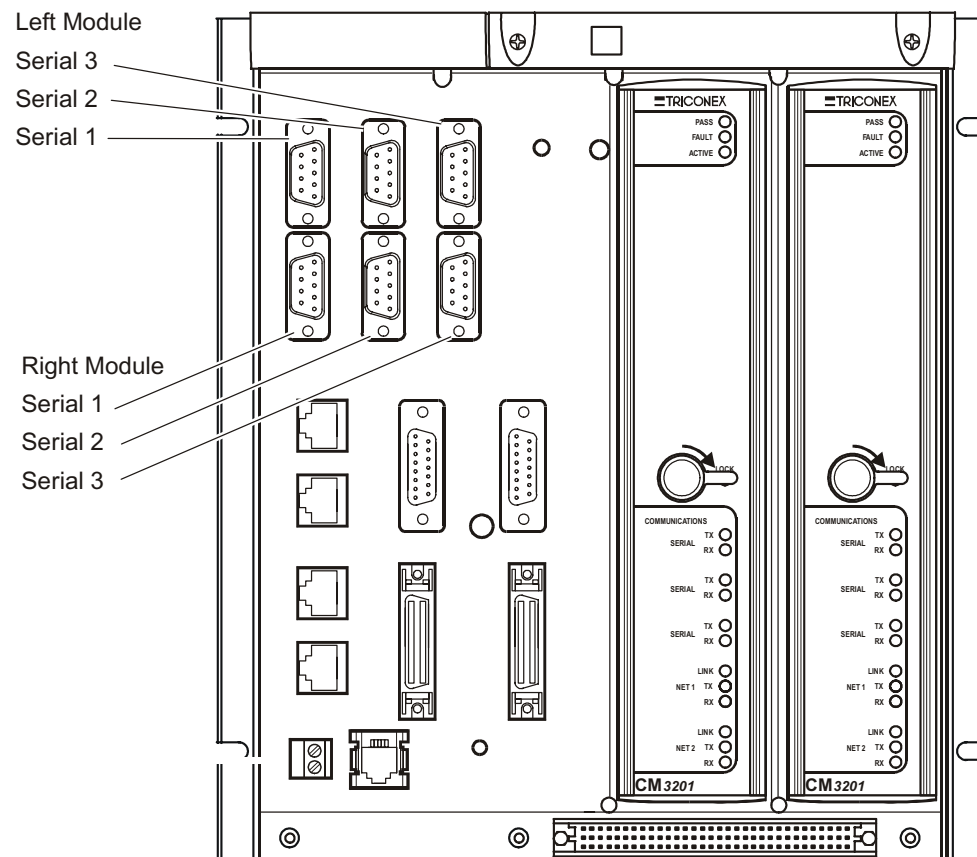
- 1 Attach one end of a cross-over cable to a NET1 or NET2 connector on the CM Baseplate, as shown in the example below.
- 2 Attach the other end of the cross-over cable to the network adapter card in the TriStation PC.



Connecting to Serial Ports on the CM

Serial ports on the CM can be used for communication as a Modbus master, slave, or combination master/slave. For information on configuring serial ports for Modbus communication, see the *Trident Communication Guide*.

For information on cables, see “RS-232 Modbus Serial Cable” on page 214 or “RS-485 Modbus Serial Cables” on page 215.



Communication Module Indicators

This section describes indicators for the CM module, including the CM status and communications indicators.

