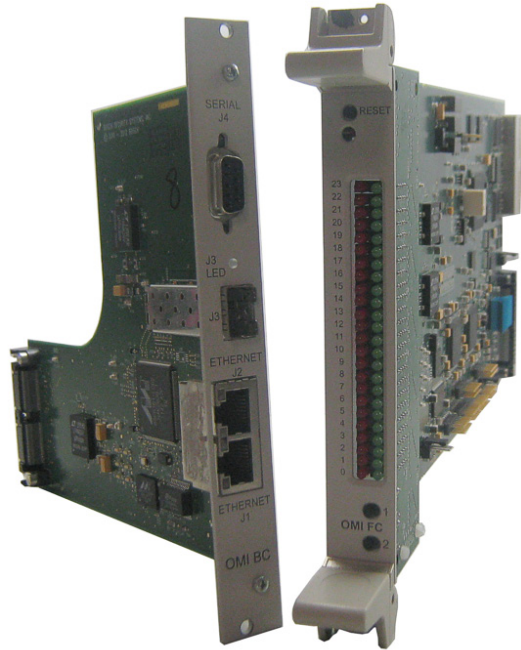




Included:

- Safety Instructions ST-CO
- OMNEO Software Suite CD
- OMI Quick Start Guide
- OMI Documentation Resource Disk
- 2 - Screw Panhead, M2.5 x 10.0
- Back Card Assy., OMI
- Front Card, 64 CH, OMI
- Front Card, 48 CH, OMI
- Front Card, 32 CH, OMI
- Front Card, 16 CH, OMI

Requirements:

You must have the following:

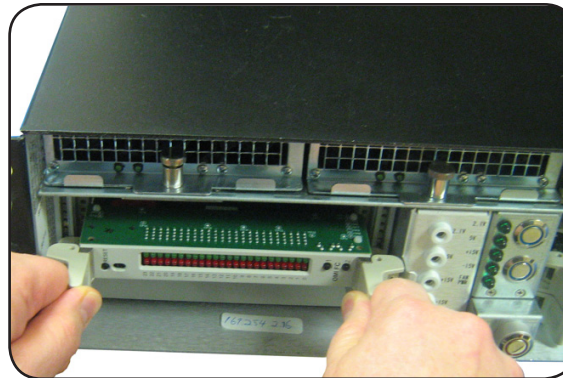
- Screwdriver
- MCII-e version 2.9

ADAM-M Frame Installation

Important: Up to four (4) OMI card sets can be used in an ADAM M frame at a time.

To install the OMI card into the ADAM-M frame, do the following:

1. Using the Installation CD, follow the **instructions in the readme.txt file** to install all the required software needed for OMNEO functionality.
2. Gently insert the **OMI front card** into the appropriate ADAM M slot.



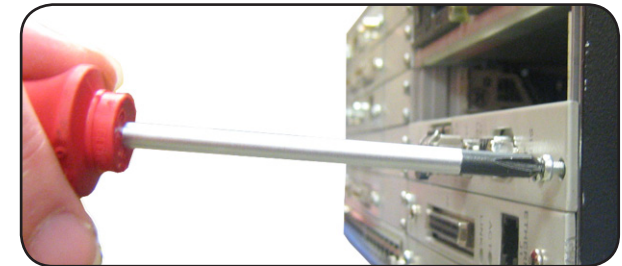
NOTE: Take care to insert the card properly, as shown.

3. Using the card ejectors tighten down the **front card by pushing it into the slot.**

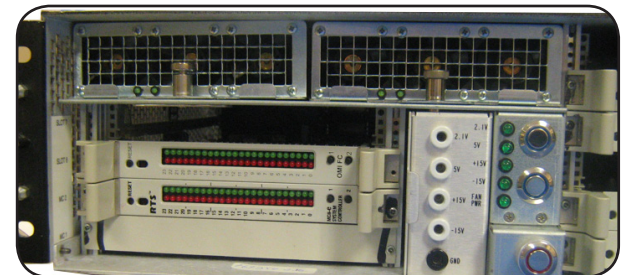
4. On the back of the ADAM-M frame, carefully insert the **OMI back card**, taking care to align it with the OMI front card, as shown above.



5. Ensure the **OMI back card** is seated properly against the OMI front card and is sitting firmly in the frame.



6. Using the supplied screws, tighten the **OMI back card** to the frame.



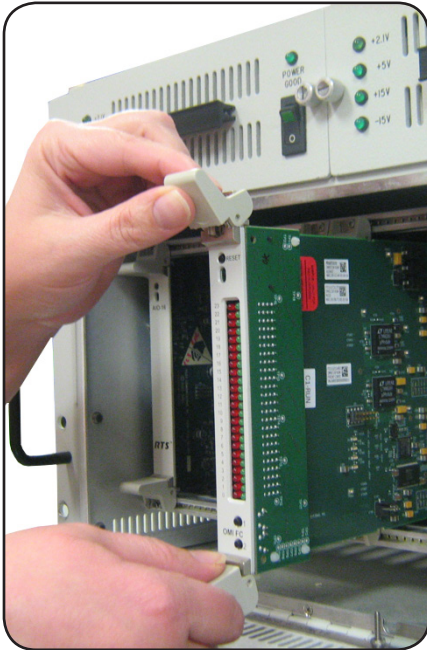
7. Ensure the **card ejectors** are tightened to the chassis on the OMI front card.

ADAM Frame Installation

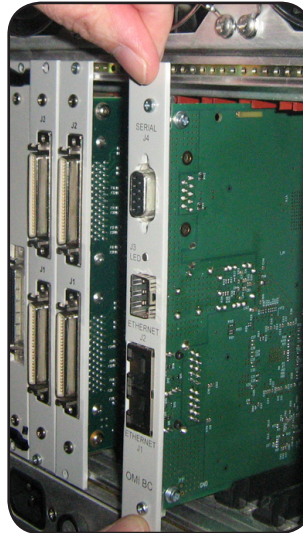
Important: Up to eight (8) OMI card sets can be used in an ADAM frame at a time.

To install the OMI card into the ADAM frame, do the following:

1. Gently insert the **OMI front card** into the appropriate ADAM slot.



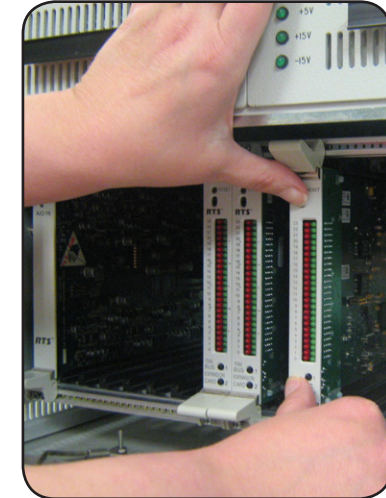
2. Using the card ejectors, tighten down the **front card**.
3. On the back of the ADAM frame, carefully insert the **OMI back card**, aligning it with the OMI front card.



4. Ensure the **OMI back card** is seated properly against the OMI front card and is sitting firmly in the frame.
5. Using the supplied screws, tighten the **OMI back card** to the frame.



6. Ensure the **card ejectors** are tightened to the chassis on the OMI front card.



Cabling

DB-9 Connector Pinouts

RS-232 Mode

Pin 1	N/A
Pin 2	RS232-TXD Output
Pin 3	RS232-RXD Input
Pin 4	N/A
Pin 5	Ground
Pin 6	N/A
Pin 7	N/A
Pin 8	N/A
Pin 9	N/A

RS-485 Mode

Pin 1	N/A
Pin 2	RS485+
Pin 3	RS485-
Pin 4	N/A
Pin 5	Ground
Pin 6	N/A
Pin 7	N/A
Pin 8	N/A
Pin 9	N/A

Ethernet 1000/100/10

Pin 1 BI_DA+	Bi-directional pair A+
Pin 2 BI_DA-	Bi-directional pair A-
Pin 3 BI_DB+	Bi-directional pair B+
Pin 4 BI_DC+	Bi-directional pair C+
Pin 5 BI_DC-	Bi-directional pair C-
Pin 6 BI-DB-	Bi-directional pair B-
Pin 7 BI_DD+	Bi-directional pair D+
Pin 8 BI_DD-	Bi-directional pair D-

Configuration

Consult the OMI Technical Manual (P/N F.01U.261.047) for specific instructions to complete the following steps.

To **configure the OMI card in AZedit**, do the following:

- Step 1: Download the License File for more channels, if applicable.
- Step 2: Assign ports to the card using the Port Allocation table.
- Step 3: Set up the network configuration.
- Step 4: Configure Keypanels to the OMI cards.

To **configure the OMI card in IPedit**, do the following:

- Step 1: Using AZedit, download the License File for more channels, if applicable.
- Step 2: Add the OMI to IPedit, using Add Device.
- Step 3: Set up the network configuration.
- Step 4: Configure keypanels to the OMI cards.

System Drawing

Single subnet system with less than 128 OMNEO nodes:

