



Dialogic[®] IMG 1010 Integrated Media Gateway

**Install/Configure a 2nd Dialogic[®] IMG 1010 VoIP Module
Release 10.3.x/10.5.x**

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IMPORTANT NOTE:

Please be aware that the following terminology and abbreviations are used throughout this document. Please also be sure to consult the legal notice for other important details.

When used herein, the term "IMG 1010" refers to the "Dialogic[®] IMG 1010 Integrated Media Gateway" product.

When used herein, the term "IMG 1004" refers to the "Dialogic[®] IMG 1004 Integrated Media Gateway" product.

When used herein, the general term "IMG" refers collectively or alternatively to the Dialogic[®] IMG 1010 and the Dialogic[®] IMG 1004 Integrated Media Gateway products

When used herein, the term "GCEMS" refers to the "Dialogic[®] Gate Control Element Management System"

Technical Support

Technical Support Number: 781-433-9600

Technical Support Fax: 781-449-9520

<http://www.dialogic.com/>

Adding a 2nd Dialogic® 1010 VoIP Module

Caution:

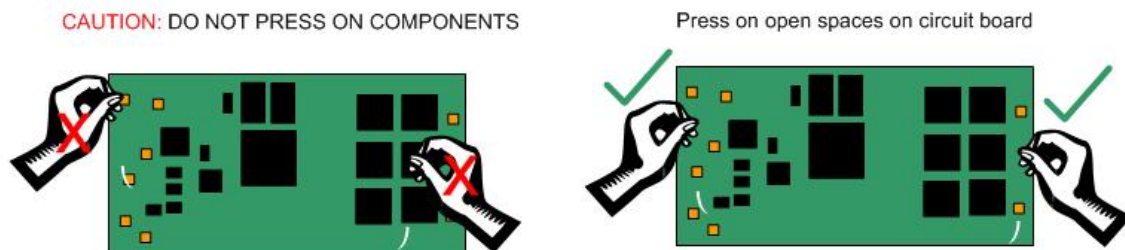
Electrostatic Discharge Protection (EDP) must always be used. Electrostatic Discharge (ESD) protective straps, shoes, or mats must be used when working with electronic components. Electrostatic discharge from your body can damage integrated circuits during installation.

Required Tools and Parts:

- Dialogic® IMG 1010 VoIP Module (Dialogic supplied).
- 4 Phillips pan head screws (Dialogic supplied).
- #1 Phillips head screwdriver (customer supplied).

Steps:

1. Set power to OFF (O) at rear of docking station.
2. Remove the Dialogic® IMG 1010 Motherboard. See [Diagram 1 - Removing Dialogic® IMG 1010 Motherboard Tray](#).
 - a. Loosen the two ejector captive fasteners located on each side of the front panel.
 - b. Lift the ejectors upward and pull to unseat the tray from the docking station.
 - c. Slide the tray out.
3. Locate Module Position. See [Diagram 2 - Dialogic® IMG 1010 VoIP Module Positions](#).
4. Install Dialogic® IMG 1010 VoIP Module on the Dialogic® IMG 1010 Motherboard
 - a. Position the module over the four standoffs.
 - b. Align the connectors on the module with the connectors on the Dialogic® IMG 1010 Motherboard and press together. See diagram below



Cautions:

- The connectors must be properly aligned and fully seated.
 - When pressing the module onto the motherboard do not press on the components installed on the module; instead, do press on an open area on the edge of the Printed Circuit Board itself.
- c. Attach the VoIP Module with the four (4) Phillips pan head screws. **Caution:** Do not over tighten the screws. (Recommended torque: 3-5 in-lbs (.34-.56 N-M)).

5. Re-insert Dialogic® IMG 1010 Motherboard Tray
 - a. Align the rail on each side of the tray with the guides on the inside of the docking station.
 - b. Make certain the ejectors are in the up position.
 - c. Slide the tray in until the power connectors and signal connectors initially mate (the ejectors will start to move down).
 - Do not force the tray if any resistance occurs when mating with the docking station. Using undue force could damage the unit.
 - The guides only provide gross alignment to the power and signal connectors. The guide pins on the main board and I/O card are self-aligning and provide alignment for the connectors.
 - The tray guides also act as the conduit for any Electrostatic Discharge (ESD) as the tray initially mates with the docking station.
 - d. When the tray is seated and the connectors are mated, push the ejectors down and tighten the captive fasteners.
6. Set power to ON (1) at rear of docking station.

Diagram 1 - Removing Dialogic® 1010 Motherboard Tray

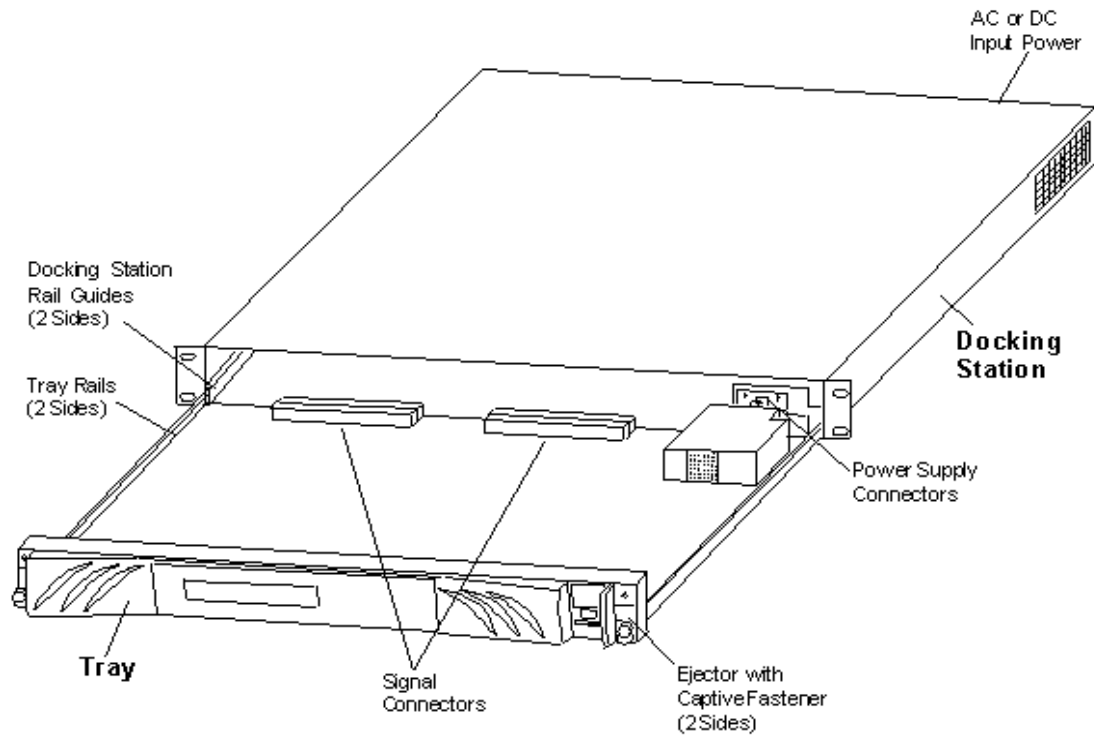
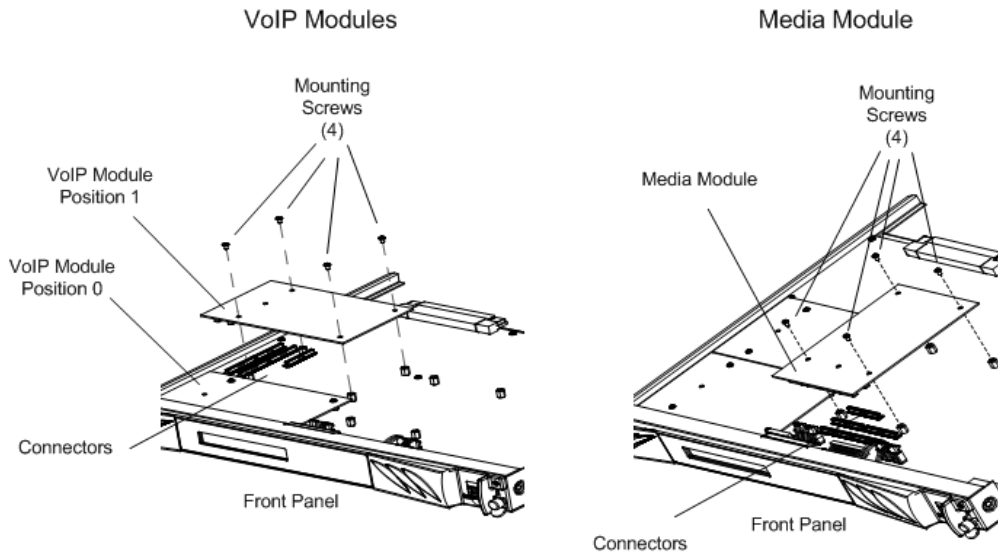


Diagram 2 - Dialogic® IMG 1010 VoIP Module Positions

Important: If only one Dialogic® IMG 1010 VoIP Module is to be installed, it must be at Position 0.



Configuring the Second Dialogic® IMG 1010 VoIP Module

Procedure

Perform the following steps to configure a second Dialogic® IMG 1010 VoIP module to the Dialogic® IMG 1010 Integrated Media Gateway:

1. Configure Network Interface
 - a. Locate the Network Interface object that is already created in ClientView. This object was originally created when configuring the first VoIP module. The Network Interface object will be located under the Physical IMG 1010 object in ClientView.
 - b. Expand this object so that all configured objects below it are displayed. Verify that there is already VoIP Module 0: Port 0 configured.
 - c. Right-click **Network Interfaces** and select **New Network Interface**. A second Network Interface object will get created. Select VoIP Module 1: Port 0 from the drop down menu .
 - d. In the **Logical Interface** field select Redundant Data.
 - e. In the **IP Address**, **Subnet** and **Default Gateway** fields, enter the appropriate values.
 - f. Right-click the entry and select **Commit**.
2. Configure VoIP Facilities
 - a. Right-click **Facility** and select **New Bearer - IP**. The VOIP Module Pane will get created. Populate the fields accordingly.

The following fields below are populated Automatically:

- The **Module ID** field is automatically populated with the next available ID.
 - The **Network Interface** field is automatically populated with VoIP Module 1: Port 0
 - The **Network IP Address** field is automatically populated with the IP Address of the second module just added.
 - The **Module Configuration Profile** field is automatically populated with the profile configured in the dhcpd.conf hostflag
 - Profile 5 = Any Vocoder
 - Profile 6 = iLBC Profile
 - Profile 7 = Wireless Profile
 - The Port number will start at 11072 and can be changed by clicking on the Starting RTP port. Once clicked a Range Dialog box will appear allowing you to change port number
 - If using a (FQDN) Fully Qualified Domain Name, enter the appropriate Domain Name by clicking in the field and entering the Domain Name.
- b. Right-click the entry and select **Commit**.

For more details see the VoIP Module pane reference in the online documentation located at the customer support web site

<http://www.dialogic.com>