Dialogic® IMG 1010 Integrated Media Gateway

IMG 1010 Module Install Instructions
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 "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/

Installing a Dialogic® IMG 1010 VoIP or Media Module to Dialogic® IMG 1010 Integrated Media Gateway.

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.
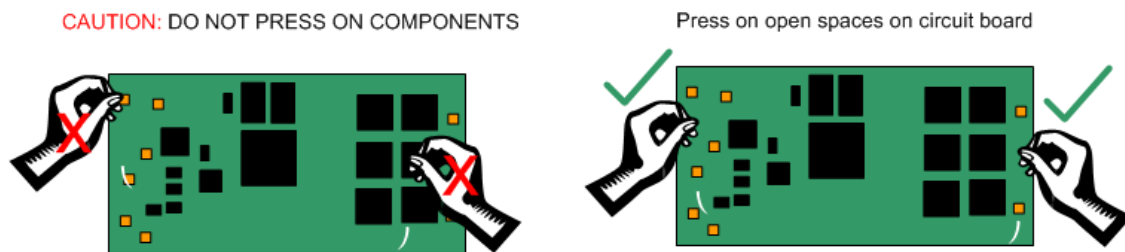
Required Tools and Parts:
▪ Dialogic® IMG 1010 VoIP Module or Dialogic® IMG 1010 Media Module (Dialogic supplied).
▪ 4 Phillips pan head screws (Dialogic supplied).
▪ #1 Phillips head screwdriver (customer supplied).

Remove Dialogic® IMG 1010 Motherboard
1. Switch power to OFF (O) at rear of docking station.
2. Loosen the two ejector captive fasteners located on each side of the front panel.
3. Lift the ejectors upward and pull to unseat the tray from the docking station.
4. Remove Dialogic® IMG 1010 Motherboard. See Diagram 1 - Removing Dialogic® IMG 1010 Motherboard Tray.
5. Locate Module on Dialogic® IMG 1010 Motherboard. See Diagram 2 - Dialogic® IMG 1010 VoIP and Media Module Positions.

Installing Dialogic® IMG 1010 VoIP or Dialogic® IMG 1010 Media Module
1. Position the module over the four standoffs on Dialogic® IMG 1010 Motherboard.
2. Align the connectors on the module with the connectors on the motherboard and press together. See diagram below:

CAUTION: DO NOT PRESS ON COMPONENTS   Press on open spaces on circuit board

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.

3. Attach the module with the four (4) Phillips pan head screws. Do not over tighten the screws. (Recommended torque: 3-5 in-lbs (.34-.56 N-M)).
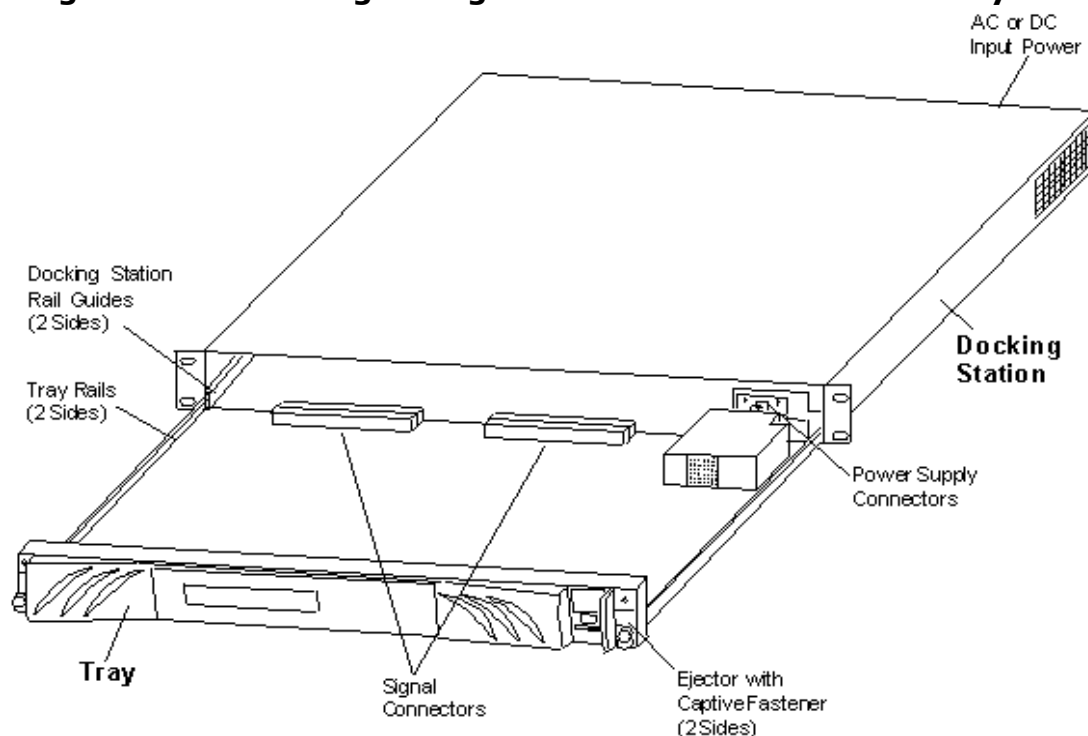
4. Re-insert Dialogic® IMG 1010 Motherboard Tray. Align the rail on each side of the tray with the guides on the inside of the docking station.
5. Verify the ejectors are in the up position.
6. Slide the tray in until the power connectors and signal connectors initially mate (the ejectors will start to move down).

Cautions:
▪ 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.

7. When the tray is seated and the connectors are mated, push the ejectors down and tighten the captive fasteners.
8. Switch the power to ON (1) at rear of docking station.
9. Configure Module. See Configuring Media or Configuring VoIP in the On-line Help Documentation on the Dialogic Technical Support web site: **http://www.dialogic.com/manuals**

Diagram 1 - Removing Dialogic® IMG 1010 Motherboard Tray

Diagram 2 - Module Positions

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