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NOTIFIER NION Network Input Output Node Software Field Installation Guide

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Output Node Software Field Installation Guide

**NOTIFIER NION Network Input Output Node Software
Field Installation Guide**

Software Field Installation

Product Installation Document

This document covers the procedures and specifications for performing the above listed procedure and when appropriate, information regarding configuration on the monitored device. For more detailed configuration and operation information, refer to Network Installation Manual.

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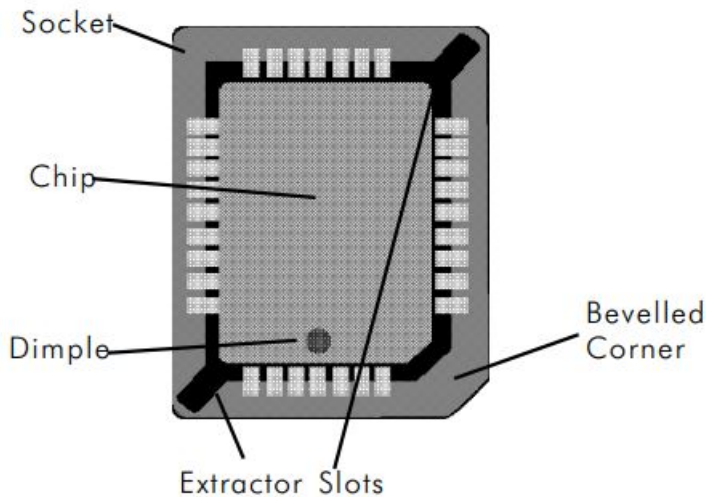
Replacing Socketed Components

This document covers the procedures and precautions for replacing or upgrading software chipsets of various hardware components. When removing chips, a chip puller should always be used. Never use screwdrivers, ice picks, or any other device not designed for the removal of socketed chips.

NOTE: Always remove power from the NION before making any changes to switch settings and removing or installing option modules, SMX network modules and software upgrade chips or damage may result. Always observe ESD protection procedures.

1. When replacing transceiver chips, be sure to unbind the NION before replacing the chip.
2. Always power down the NION.
3. Using a chip puller, remove the old chip.
4. When installing a new chip, proceed as follows:
For PLCC style chips, be sure to place the chip in the socket face up, matching the bevelled corner of the chip with the bevelled corner of the socket. Then, press it gently but firmly into the socket until it seats with a snap.
For DIP style chips, be sure to line up the notch on the chip end with a similar mark on the socket or the board silkscreen. Then, carefully start all the pins on one side of the chip into the socket and rock the pins on the other side of the chip into the socket. Once all pins are started, press gently but firmly until the chip is completely seated.
5. Repower the NION.

6. If the network protocol chip was replaced, rebind the NION.



NOTE: When replacing network protocol chips on NIONs connected to a local area server, the nodes may automatically rebind when the NION is powered up if the autorewind feature is enabled on the server. For more information on the rebind features of the local area server, refer to the server manual.

PLCC Style Socket and Chip

Guide to Field Replacable Chips

The following software chips can be replaced in the field.

NION-ENV:

- The RS232 UART in socket U1
- The main processor in socket U2
- The network protocol translator in socket U10

NION-232B:

- The RS232 UART in socket U2
- The UART program in socket U15
- The RS232 driver in socket U5
- The network protocol translator in socket U16

NION-SPB

- The primary application code in socket U6
- The network/neuron code in socket U24

NION-2C8M:

- The network protocol translator in socket U15

NION-16C48M or NION-48M:

- The network/neuron code in socket U44
- The primary application code in socket U6

NION-2DRN:

- The network/neuron code in socket U18
- The primary application code in socket U9

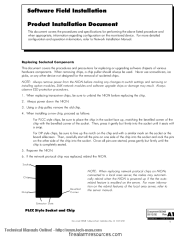
BCI 3-2 or BCI 3-3:

- The BCI flash disk (contains primary application) in sockets U10 and U11 Note: The BCI flash disk chips must

be placed in the appropriate location, switching the chips can cause damage to the chips or the BCI. The odd number flash chip must be placed in U10 and the even number flash chip must be placed in U11.

- The primary application code in socket U6

Documents / Resources



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