

# NP Net Sprint Configuration

Technical Memo Number 93013  
Supported NP Net Configurations for NuPoint Voice 5.03

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NuPoint Voice Release 5.03 provides enhanced connectivity features for NP Net digital networking, including up to 8 full-duplex links per system and the ability to have multiple simultaneous (parallel) links between sites. Each of these features, especially when combined, can provide dramatic increases in throughput over the network.

Specific hardware configurations are required to carry the volume of data that must be processed by NuPoint Voice at high-traffic NP Net sites. If you do not configure your system according to the guidelines below, you may experience congested links, disconnects, and other throughput problems.

- No more than 8 links total in a NuPoint Voice system.
- No more than 4 NP Net links per CTI card. You can configure additional serial connections (integrations, etc.) on the card, but you must not have more than 4 NP Net links per CTI card.
- Only one NP Net baud rate per CTI card. Other serial connections on the card can run at different baud rates, but all NP Net links on a single CTI card must be at the same baud rate.
- Only 2 parallel links per CTI card. Parallel links are defined as more than one link between two systems. If you need to configure more than two links between a given pair of systems, you must use additional CTI cards. A NuPoint Voice system can support a maximum of 3 CTI cards, so the maximum number of links between any two systems is 6. Note that you can configure a 4-port CTI card with two links to site A (parallel links), one link to site B, and another link to site C.

A new 8-port board will be available by the end of the year. This board will be capable of running NP Net links, including parallel links, on all ports.



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**WARNING!**

You *must* have installed Revision Support Disk 1 or greater for NuPoint Voice 5.03A *before* installing NP Net. The NuPoint Voice system will not run if you install NP Net without installing RSD 1.

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