

NSX Trader Workstation Setup – Connection to NETS

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I:\Participants\Forms\NSX Trader Workstation Setup_2004.doc





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Introduction

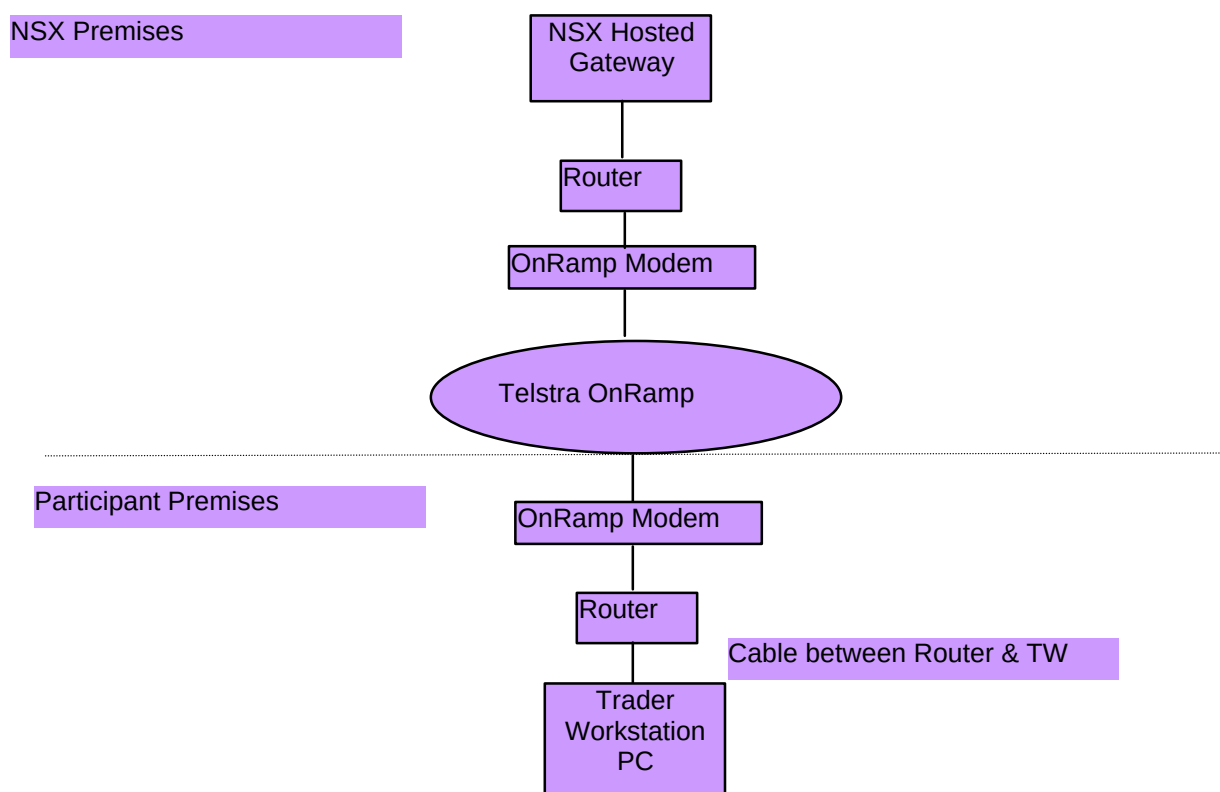
This document is a guide to the set up of the NSX NETS Trader Workstation. The trader workstation is based on the ASX SEATS Trader Workstation and documentation available from the ASX concerning the SEATS trader workstation will generally be applicable to the NSX NETS Trader Workstation and its configuration.

To confirm the requirements of the NSX NETS trader Workstation, in the first instance, please contact the NSX. At some time during the installation and configuration of the Trader Workstation you will need communicate with ASX technical Support.

NSX Trader Workstation Establishment

The diagram below illustrates the equipment and services to be implemented at Participant Sites for trading on the Newcastle Stock Exchange. Please note that this is a Single Trader Workstation style of implementation. The Gateway will be located at NSX or ASX facilities, not in the Participant premises.

The Trader Workstation PC is to be supplied by the Participant. It will connect to NSX via a Telstra OnRamp ISDN Dial Up Service. The Router will be supplied and installed by ASX.





Location for Trader Workstation and Router

The Participant must determine the location for the Trader Workstation. Sufficient space must be available not only for the Trader Workstation PC but also the Router and OnRamp Modem. The Router is approximately the same size as a PC System Unit and the OnRamp Modem is approximately the same size as a standard dial up modem.

It would be ideal to keep all of this equipment together to avoid complex cabling arrangements.

Larger Participant Offices with the appropriate Lan Cabling infrastructure may prefer to locate the OnRamp Service and Router in a Communications cabinet and cable to the Trader Workstation PC. NSX must be advised if this approach is proposed to be used.

Trader Workstation

The Participant must purchase a suitable PC as per the attached specification.

Loading of NETS Software

A representative from ASX will need to visit your site and load the NETS Software. You will be contacted so as to finalise these arrangements.

Power

Standard 240 Volt power is required for the PC, Monitor and Router.

OnRamp Service

The Telstra OnRamp ISDN Service will be used to connect to the Hosted Gateway.

It is the Participants' responsibility to organise and complete the appropriate paper work to establish the Onramp or equivalent service. ASX can advise on what services other than Telstra are acceptable.

Cable between OnRamp NTU and Router

The OnRamp NTU and the Router must be located together so that the standard length cables can be used.

Cable between the Router and the Trader Workstation.

The Participant is responsible for locating the router and trader workstations in locations suitable for their organisation..



Router & NETS Software Installation

Once the Trader Workstation PC and OnRamp Service have been installed representatives from ASX will arrange to install the NETS Application. The Router will be supplied, configured and installed by ASX. A connectivity test will then be performed.

Trader Workstation - Basic PC Hardware

Minimum Computer Specifications

If you need to purchase NETS PCs in the near future the following is a recommended **minimum** specification:

Component	Details
Processor:	Pentium III 450 MHZ
Memory:	256 mb (or greater) RAM
Network Card:	Ethernet LAN 10 BaseT controller (ISA or PCI) or better
Hard Disk:	20 GB (or greater) IDE or SCSI
Floppy Drive:	1.44 MB floppy disk drive
Printing:	1 parallel port
Video Card:	SVGA Video card (minimum 256 colour, minimum 2 mb memory)
Screen:	17" (or greater) high resolution monitor (minimum of 800x600)
Mouse:	Yes
CD-Rom:	Yes
Operating System:	From version 18.18 Windows XP Professional, 2000 (service pack 2) Prior to version 18.18 Microsoft NT Version 4, Service Pack 3 or 4, with Y2K patches/fixes Requires an NFTS partition NETS Software is available form the NETS Gateway NETS TW Software is designed and tested at a screen resolution of 1024x768 pixels

Keyboards

Two special 'keyboard' options are available to NETS users:

- purchase a specially designed NETS/SEATS Keyboard which comes with named and coloured key caps for use with special NETS/SEATS functions; or
- purchase NETS/SEATS Keyboard stickers available from ASX as SEATS stickers. These stickers are designed for a standard keyboard and enable the user to see both the normal keyboard 'word' and the SEATS keyboard 'word', for example there is a SHIFT/BUY sticker and an ALT/DEPTH sticker.

Both the NETS/SEATS keyboard and NSX/SEATS stickers are available through ASX.



Printers

Any model of printer may be used with the NETS Trader Workstation, as long as windows compliant drivers are available.

Further Assistance

Please contact an NSX Support representative if you need further assistance.