

Regulatory Notices

EC Declaration of Conformity

FarSite Communications Limited declare that the products FarSync PCI T4P and FarSync PCI T2P are in conformity with the following standards and other documents:

Telecommunications Terminal Equipment (TTE Directive 91/263/EEC): **TBR1, TBR2**
Electromagnetic compatibility (EMC Directive 2004/108/EC): **EN55022, EN61000-6-2**
Safety (LVD Directive 2006/95/EC): **EN60950**

This equipment is intended for attachment to public or private leased lines or packet switched data networks.

Federal Communications Commission (FCC) Statement

Radio Frequency Interference (RFI) (FCC 15.105)

This device has been tested and found to comply with the limits for Class B digital devices pursuant to Part 15 Subpart B, of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential environment. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by switching the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and the receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

Labelling requirements (FCC 15.19)

This device complies with Part 15 of FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference which may cause undesired operation.

Modifications

Changes or modifications to this equipment not expressly approved by FarSite may void the user's authority to operate this equipment.

FCC Declaration of Conformity

(In accordance with FCC dockets 96-208 and 95-19)

Manufacturer's name: FarSite Communications Limited
Tempus Business Centre, 60 Kingsclere Road, Basingstoke, Hampshire, RG21 6XG, UK

FarSite Communications Limited declares that the product FarSync PCI T2P and FarSync PCI T4P to which this declaration relates, meets the requirements specified by the Federal Communications Commission as detailed in the following specifications

- Part 15, Subpart B, for Class B Equipment
- FCC Docket 96-208 as it applies to Class B Personal Computers and Peripherals

The products have been tested at an external laboratory certified per FCC rules and has been found to meet the FCC, Part 15, Class B emission limits. Documentation is on file and available from FarSite.

Industry Canada

This Class B digital apparatus meets the requirements of the Canadian Interference Causing Equipment regulations.

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.



FarSync T2P/T4P

QUICK START GUIDE FOR WINDOWS AND LINUX

Thank you for choosing a FarSync card for your data communications needs. The FarSync product family offers a wide range of data communications cards. There are 2 and 4 port versions with support for balanced and unbalanced signal types. The models covered by this guide are:

FarSync T2P

An intelligent 2 port PCI adapter for synchronous and asynchronous data communications over X.21 (V.11/RS-422), V.24 (X.21bis/RS-232-C) and V.35.

FarSync T4P

An intelligent 4 port PCI adapter for synchronous data communications over X.21 (V.11/RS-422), V.24 (X.21bis/RS-232-C) and V.35.

The installation of the FarSync T1U/T2U/T4U product has three basic steps.

- **Install the hardware**
- **Connect the cables**
- **Install and configure the FarSync driver software**

Refer to page 2 of this guide for instructions on each step. Note that **Administrator privilege** is required to run some software under Windows XP, 2000 or NT. See the README.TXT file on the CD for further assistance.

Some manuals on the FarSync CD are in Adobe Portable Document Format (PDF). If you do not already have a suitable reader installed a selection of readers can be found in the **Acrobat** directory on the FarSync CD. Further readers for other platforms are available from Adobe.

Step 1 Installing the hardware and cabling

Warning – Electrostatic discharge can damage integrated circuits on your FarSync PCI card. Observe precautions for handling electrostatic sensitive devices.

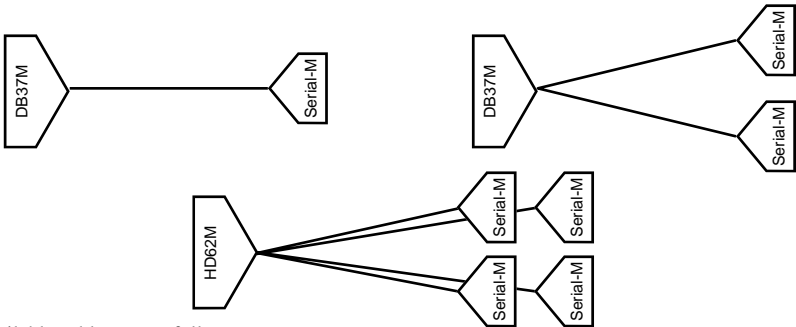
Shut down and power off the system. Identify a free PCI slot in your PC and install the FarSync card, ensuring that it is properly secured with a mounting screw. **Note that to correctly operate, all IRQs in use by legacy devices (such as ISA bus cards) must be flagged as such in the PC BIOS configuration pages.** See the file ‘\ReadMe WinNT.txt’ on the FarSync CD for further information.

Step 2 Connecting the cables

The FarSync T2P card has a 37 pin D-type female connector and the FarSync T4P card has a 62 pin high density D-type female connector. Attachment of the FarSync card to the Network Termination Point depends on the selection of cable option. There are two distinct cable arrangements in use with the FarSync T2P/T4P cards - the Single Unit Cable Assembly and the Modular Cable Assembly.

Single Unit Cable Assembly

The first possible arrangement uses a single unit cable assembly with 1,2 or 4 serial interface connectors that connect directly to the Network Termination Point.

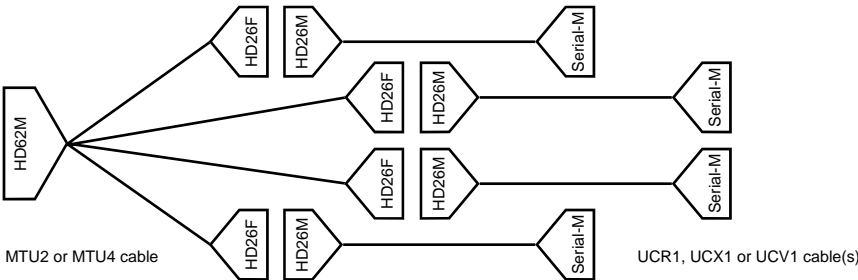


The available cables are as follows:

Cable	For Card	Serial Network Connection(s)
MCR1	T2P	A single 25 pin D-type male connector for V.24 (X.21bis/RS-232-C) use.
MCR2	T2P	Two 25 pin D-type male connectors for V.24 (X.21bis/RS-232-C) use.
MCX1	T2P	A single 15 pin D-type male connector for V.11 (X.21/RS-422) use.
MCX2	T2P	One 25 pin D-type male connector for V.24 (X.21bis/RS-232-C) use and one 15 pin D-type male connector for V.11 (X.21/RS-422) use.
EX2X	T2P	Two 15 pin D-type male connectors for V.11 (X.21/RS-422) use.
HSSV	T2P	A single MRAC-34 male 'brick' type connector for V.35 use.
MCV2	T2P	Two MRAC-34 male 'brick' type connectors for V.35 use.
MCR4	T4P	Four 25 pin D-type male connectors for V.24 (X.21bis/RS-232-C) use.
MCX4	T4P	Four 15 pin D-type male connectors for V.11 (X.21/RS-422) use.
MCV4	T4P	Four MRAC-34 male 'brick' type connectors for V.35 use.

Modular Cable Assembly

The second possible arrangement uses a modular set of cables consisting of a transition cable (type MTU2 or MTU4) to provide two or four High Density 26-pin male connectors that are each then adapted to the required serial interface connector type with additional serial interface cables (Diagram shows a 4 port MTU4 cable).



The available serial interface cables are as follows:

Cable	Serial Network Connection
UCR1	25 pin D-type male connector for V.24 (X.21bis/RS-232-C) use.
UCX1	15 pin D-type male connector for V.11 (X.21/RS-422) use.
UCV1	MRAC-34 male 'brick' type connector for V.35 use.

The 37 or 62 pin connector of the MTU2 or MTU4 cable should be firmly secured to the communications card using the screws in the connector hood. The connections between the transition cable and the serial interface cable(s) and the connection to the Network Termination Point should be firmly secured in a similar way.

Step 3 Install and Configure the Driver Software

The software included with this product is subject to one or more software license agreements. The top level license agreement is either included in printed form in your product package or in the file LICENSE.TXT in the root directory of the CD included with the product.

By installing the software you agree that you have read and understood the license and agree to its terms and conditions

The driver installation varies between the different supported operating systems, but in all cases the hardware should be installed first. Refer to the software CD or the FarSite web site for the latest information on supported environments.

Driver installation and configuration instructions for each supported operating system can be found on the software CD accompanying the product. The \install.html file in the root directory of the CD should be used as a starting point.

WARRANTY INFORMATION

Your FarSync T2P or T4P adapter carries as standard a return to base hardware warranty of 2 years from date of delivery. If you require support visit the Support area at www.farsite.com. If you wish to extend your warranty period or upgrade to full product maintenance cover, please contact your sales representative. Further information can be found at www.farsite.com/products/product_warranty.htm.