

## Regulatory Notices

### EC Declaration of Conformity

FarSite Communications Limited declare that the product FarSync Flex is 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)

The FarSync Flex 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 docket 96-208 and 95-19)

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

FarSite Communications Limited declares that the product FarSync Flex to which this declaration relates, meet 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.



# FarSite

## COMMUNICATIONS

# FarSync Flex

## QUICK START GUIDE

### FOR WINDOWS AND LINUX

Thank you for choosing FarSync for your synchronous data communications needs. The FarSync product family provides a full range of synchronous data communications solutions. The model covered by this guide is:

#### FarSync Flex

A bus powered USB device for synchronous data communications over X.21 (V.11/RS-422), V.24 (X.21bis/RS-232-C), V.35, EIA-530 (V.11/RS-422) and similar physical interfaces.

Please refer to cable application details at [www.farsite.com](http://www.farsite.com) for the latest available information.

The installation of the FarSync Flex product has four basic steps.

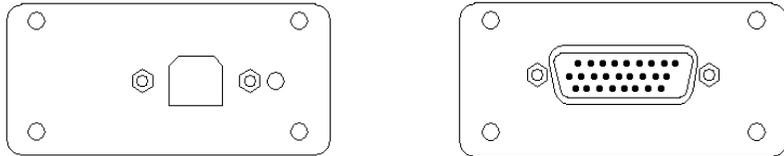
- **Connect the cables to the FarSync Flex**
- **Attach the FarSync Flex USB cable to your system**
- **Install the FarSync driver software**
- **Configure the FarSync drivers**

Refer to page 2 of this guide for more instructions on each step. Note that **Administrative privilege** is required to install the software under Windows. Installation under Linux should be performed as **root**. Use a web browser to view the file `install.html` file for further assistance on the installation process.

Manuals on the FarSync CD are in HTML or Adobe Portable Document Format (PDF). If you do not already have a suitable PDF 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 *Connecting the cables*

The FarSync Flex has a standard USB type B connector at one end of the device and a HD26 D-Type connector at the other.



Attach the **B** end of the supplied USB cable to the FarSync Flex. The USB connector has jack-posts on either side to enable a suitable cable to be secured to the device. The FarSite **USBF** Cable is an A-B USB cable designed to attach securely to these posts. If the USBF cable has been supplied use the screws to secure the cable to the device. Alternatively any standard USB A-B cable may be used to connect the Flex to the computer.

The HD26 connector allows connection to the Network Termination Point by means of an adapting cable. The most commonly used serial interface cables for the FarSync Flex are as follows (other cables are available):

<u>Cable</u>	<u>Serial Network Connection</u>
<b>KCR1</b>	25 pin D-Type male connector for V.24 (X.21bis/RS-232-C) or EIA530 (RS530) use.
<b>UCX1</b>	15 pin D-type male connector for V.11 (X.21/RS-422) use.
<b>UCV1</b>	MRAC-34 male 'brick' type connector for V.35 use.
<b>KC449</b>	37 pin D-Type male connector for EIA-449 (RS449) use.

The 26-pin connector of the adapting cable should be firmly secured to the FarSync Flex using the screws in the connector hood. The connection to the Network Termination Point should be firmly secured in a similar way.

### Step 2 *Attach the FarSync Flex to the computer*

Attach the **A** end of the USB cable to a USB port on the computer, or to a USB port on a powered USB hub which is itself attached to the computer.

The FarSync Flex is a bus-powered device and must not be used with a self-powered hub as power requirements may exceed that available.

For optimum product performance use a USB 2.0 port if there is one available. The FarSync Flex will also operate via a USB 1.1 port or powered hub.

It is recommended that the FarSync Flex be connected to a USB port directly mounted on the computer mainboard, rather than a separately mounted USB connector linked to the mainboard by a secondary, typically unshielded, internal cable. Because the FarSync Flex is a bus powered device it is important to use high grade USB cables with no additional connectors between the FarSync Flex and the USB port itself.

The note on page 3 describes LED operation.

### Step 3 *Install 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 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.**

### Step 4 *Configure the FarSync Drivers*

Configuration of the FarSync driver software also varies between the many supported operating systems. Again refer to the documentation on the product CD for details of the mechanism suitable for your environment.

### LED Operation

The FarSync Flex device has an LED which provides some status information as follows:

LED	Status
OFF	Power Off, device not operational
ON	Device operational, clock not present
SLOW FLASH	Device operational, identify mode
FAST FLASH	Device operational, clock present

### WARRANTY INFORMATION

Your FarSync Flex device carries as standard a return to base hardware warranty of 5 years from date of delivery. If you require support visit the Support area at [www.farsite.com](http://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](http://www.farsite.com/products/product_warranty.htm).