



## User Manual

# HsTftpCE 1.0 TFTP Client / Server Application for Windows Mobile 5 OS for Pocket PC

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# 1 General

## 1.1 About HsTftpCE

HsTftpCE is a TFTP application for Pocket PC running Windows Mobile 5 OS. HsTftpCE implements Trivial File Transfer Protocol (TFTP) over UDP socket layer according to RFC 1350 and supports client and server file send and receive operations

### HsTftpCE List of Features:

- TFTP server and client operation
- TFTP File uploading
- TFTP File downloading
- Selection of Local IP interface
- Selection Path for server mode transfers

## 1.2 System Requirements

- Pocket PC with ARM based processor
- Windows Mobile 5 OS for Pocket PC (powered by Windows CE 5.0) or later
- Compact .NET Framework 2.0

## 1.3 Installation

- 1) If Your device does not already have Compact .NET framework 2 installed, download it from here:  
Compact .NET 2.0 SP1 redistributable:

<http://www.microsoft.com/downloads/details.aspx?familyid=0c1b0a88-59e2-4eba-a70e-4cd851c5fcc4&displaylang=en>

and install it on your Pocket PC, follow installation instructions provided on Microsoft download page

- 2) Copy HsTftpCE.exe directly to your Pocket PC memory
- 3) Run HsTftpCE.exe

## 1.4 Program Limitations

Only single Client or Server mode File Transfer possible at a single time (simultaneous concurrent file transfer sessions are not supported in this version)

## 1.5 Restrictions of Demo Version

- Reminder screen on startup
- Reminder screen every 60 secs
- Reminder screen requires user input to continue

## 1.6 How to Purchase and Receive Full Version

You can purchase full version of HsTftpCE online using the following link:

[http://www.hillstone-software.com/hs\\_tftp\\_ce\\_buy.htm](http://www.hillstone-software.com/hs_tftp_ce_buy.htm)

After your payment is received, you will receive a link to download a full version of the application by email.

## 1.7 Contacting Hillstone Software

Technical Queries: <mailto:support@hillstone-software.com> ,

All Other Queries: <mailto:info@hillstone-software.com>

Registered Office Address: 21 Manor Hall, Mount Brown, Dublin 8, The Republic of Ireland.

Telephone: +353 87 988 1568

## **2 Running HsTftpCE**

### **2.1 Starting application**

- Before starting application, first make sure that your Pocket PC is connected to internet or local area (LAN) IP network. This may involve for example connecting Wireless LAN interface or dialling up internet service provider (ISP) server using a modem.
- Start HsTftpCE.exe
- At the top of the main program window, select local IP address from the list of available local IP addresses of your Pocket PC. Typically the list will contain one entry which may be dynamically obtained local IP address using DHCP or statically assigned local IP address.

### **2.2 Running HsTftpCE in Server Mode**

To have the application service TFTP file transfer requests:

- Optionally specify the server directory on your Pocket PC in the text field near the "Start Server In" button. By default the server directory is root "\". You must always specify the full path to the desired directory on your Pocket PC starting with root "\". This action will define what location on in Pocket PC file system the files are transferred to or from.
- Click "Start Server In" button.
- HsTftpCE.exe is now listening for requests from remote TFTP clients on UDP port 69 and on selected local IP address (see step 2.1)

### **2.3 Running HsTftpCE in Client Mode**

To initiate a client mode file transfer:

- Type in remote TFTP server IP address in the text field near "Send File" button in the dotted IP string format, for example 10.1.1.2
- Specify the filename of the file to send or upload in the text field near the "Get File" button.
- Click "Send File" to initiate TFTP file upload to remote TFTP server or click "Get File" button to initiate file download from the remote TFTP server

### **2.4 Status and Statistics Display**

Number of Bytes sent and received during each transfer are shown at the bottom of the main screen in the corresponding "Bytes Rxed" and "Bytes Txed" text fields

The currently or last executed operation is shown in the "Operation" text field

The status of current or last executed operation is shown in the "Status" text field.

### **2.5 Exiting application**

To exit application, click "OK" button at the bottom of the main program window.