

# Firmware Updating Steps

## For

## IAP(In Application Programming)

## Using Ethernet via TFTP or HTTP

- ❖ Follow one of the following procedures to update the firmware on an XMPro10.

**1) Firmware Updating Steps Using TFTP.**

**2) Firmware Updating Steps Using HTTP.**

Title:  Firmware Updating Steps for IAP Using Ethernet via TFTP or HTTP	<u>Author</u>  <u>ReviewedBy</u>	Preeti Durge  Dhiraj Ghule	<u>Date</u>  <u>Rev. No.</u>	30 March 2023  -
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## 1) Firmware Updating Steps Using TFTP:

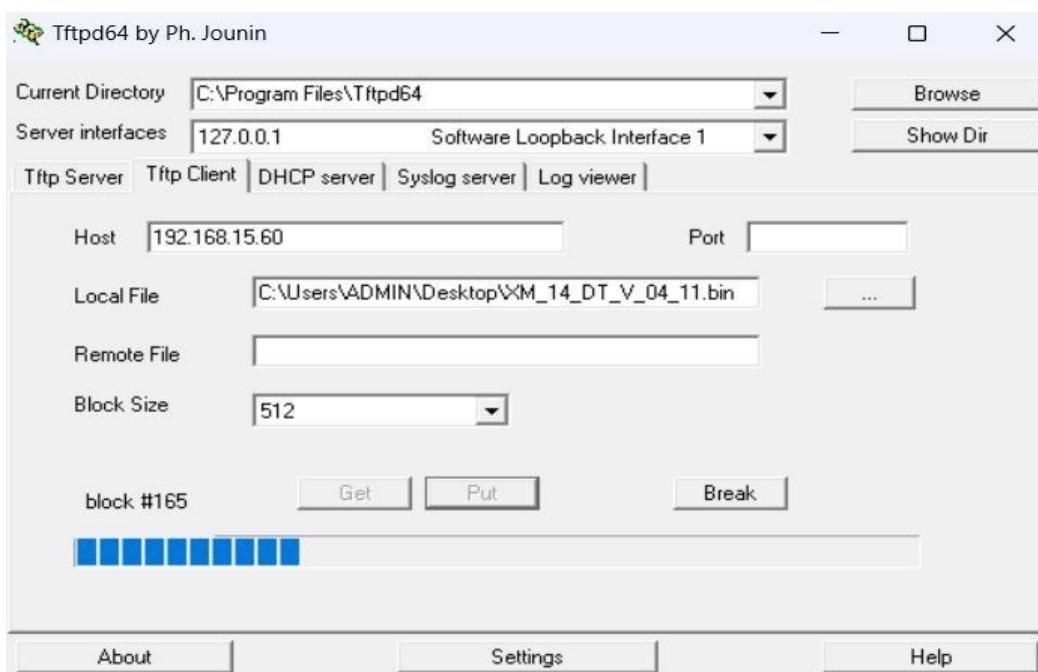
To update the firmware of XMPro10 PLC using **TFTD64 software** follow the below mentioned steps.

### Step 1: Bootloader Mode

- Press Key for 20sec which is on top of XMPro10 PLC.
- Check weather status led is toggling for 200ms. If yes, then now PLC is in Bootloader mode.

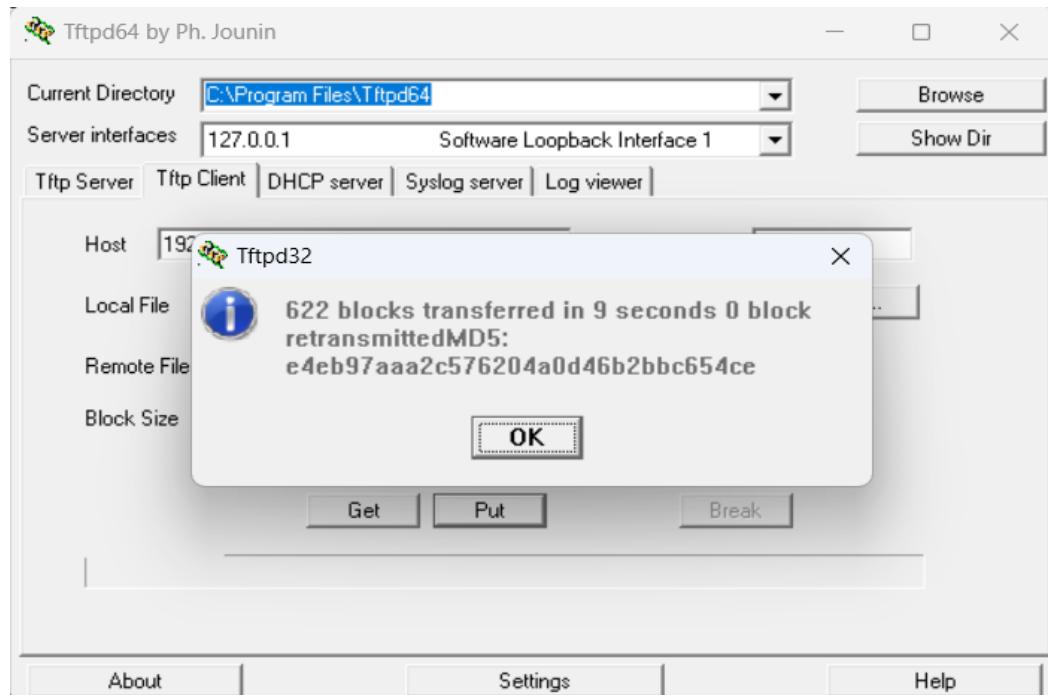
### Step 2: TFTPD64 Utility

- Open **TFTPD64** utility-->**TFTP client configuration**
- Enter host (XMPro10 PLC) IP address (**192.168.15.60**) and browse .bin file of XMPro10 PLC Firmware (Updated version) as shown in below image.



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- Select Block size as **512** byte and hit the **Put** button.
- Check weather File transfer successful. (Refer below image for pop up coming after successful file transfer)



**Note:** If file is not being transfer then check ping status for **192.168.15.60** on command prompt.

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## 2) Firmware Updating Steps Using HTTP:

To update the firmware of XMPro10 PLC using **Mozilla Firefox browser** follow the below mentioned steps.

### Step 1: Bootloader Mode

- Press Key for 20sec which is on top of XMPro10 PLC.
- Check whether status led is toggling for 200ms. If yes, then now PLC is in Bootloader mode.

### Step 2: Mozilla Firefox browser

- Open **Mozilla Firefox browser**. Enter host (XMPro10 PLC) IP address (**192.168.15.60**) in search bar and press Enter button then login web page will appear as shown in below image.



Firmware Update for XM-PRO10 in-application programming (IAP) over Ethernet

### Login

Enter user ID and password:

User ID	<input type="text" value="xmpro10"/>
Password	<input type="password" value="*****"/>
<input type="button" value="Login"/>	

- Enter User ID and Password as mentioned below then login.

User ID: **xmpro10**

Password: **xm14dt**

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- Once login successful, new web page will appear as shown in below image.



### Firmware Update for XM-PRO10 in-application programming (IAP) over Ethernet

Please specify a binary file to upload into XMPRO10:

 XM\_14\_DT\_V\_04\_14\_9.bin  


- Browse .bin file of file of XMPro10 PLC Firmware (Updated version) and hit **Upload** button.
- Check weather File transfer successful. (Refer below image for new web page appear after successful file transfer)



### Firmware Update for XM-PRO10 in-application programming (IAP) over Ethernet

**Firmware Updated Successfully!!!**

- Hit **Reset** button. (It will reset XMPro10 PLC)

**Note:** If file is not being transfer then check ping status for 192.168.15.60 on command prompt.

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