

Printserver Software-Download via TCP/IP

(Only for PrintServer generation I and II)

In TCP/IP-Networks the printserver-firmware can be upgraded by downloading a binary-file via TFTP-Protocol into the FlashROM of the printserver.

The following downloadfiles are available.

Download-file	Printserver
SB_82150.BIN	SB-4e, SB-5e, SB-6e, SB-100
NB_82150.BIN	NB-4e, NB-5ef, NB-6e, NB-100
IC3.BIN	NB-4 (Hardware-Version 1.xx)
IC3R2.BIN	NB-4 (Hardware-Version 2.xx)
IC10.BIN	NB-6

Other files could not been used.

The following conditions must be fulfilled.

- The printer must be available in the network via TCP/IP with it's Hostname or TCP/IP-Address. (Test with Ping...)
- The workstation from which the download should be executed provides FTP and TFTP at it's command-prompt.

For downloading please change directory into that one containing the binary download-file and execute the following procedure:

1. Login to the printserver with FTP and switch the download-mode on.

Syntax: FTP <Hostname/IP-Adresse>< ↵ >

Example: FTP 192.168.10.205 < ↵ >

The printserver requests you to login, perhaps with password. Please confirm < ↵ >

```
Connected to 192.168.10.205.
220 NB0001FF FTP server (INTERFACE version 8.x.yy) ready.
User (192.168.10.205:(none)): < ↵ >
```

Now please switch the downloadmode to ON.

```
quote SITE LOAD ON < ↵ > (please care for correct Uppercase/Lowercase-Letter)
```

The Printserver answers

```
200 software download is ON.
```

or (if NB-4, NB-6)

```
200 software download (file IC0001FF.BIN) is ON.
```

Then please close the FTP session with quit or bye

```
quit < ↵ >
```

Continuation...

2. At the prompt start the download now using TFTP command

```
TFTP -i 192.168.10.205 PUT SB_82142.BIN < ↵ >
```

or (if NB-4, NB-6)

```
TFTP -i 192.168.10.205 PUT IC3R2.BIN IC0001FF.BIN < ↵ >
```

(Please care for correct Uppercase/Lowercase. The download-procedure may use until some minutes)

3. With FTP now switch off the download-mode.

(may be disregarded if the printer now will be switched off and on)

Login FTP as described above.

```
Connection to 192.168.10.205.
```

```
220 NB0001FF FTP server (INTERFACE version 8.2.124) ready.
```

```
User (192.168.10.205:(none)): < ↵ >
```

Now switch the download-mode off.

```
quote SITE LOAD OFF < ↵ >
```

The printserver answers

```
200 software download is OFF.
```