

Customer Deliverable Documentation
Revision 1.00, June 6, 2013
Valid for software releases
Trinity: 3.2.x and 3.3.x and newer
Smartware: 6.T Build Series 2012-07-18 and newer

How to downgrade from Trinity back to SmartWare

Warning:

**Performing a downgrade from Trinity back to Smartware will result in a loss of all config parameters.
Restoring the configuration on Smartware, once the downgrade is completed, requires a previously stored Smartware-backup-file to be loaded. Or the config parameters are required to be configured manually.**

Downgrade procedure:

The downgrade process takes about 5-10 minutes to be completed.

- Download the `image.bin` file from the following article. → [KB-Article](#)
- Place `image.bin` into your tftp root folder
- Enter the command line interface of bootloader, while
 - Connecting to console port
 - Perform a restart of the device and press any key to stop autoboot
- Erase the potentially stored environment variables from u-boot, to get the default behavior

```
run erasebootenv  
run eraseconfig
```

- *Optional: configure device ip-address if you need a different one, other than the default.*

The default IP address is: 172.16.40.1 netmask 255.255.0.0

```
setenv ipaddr <device ip>  
setenv netmask <device netmask>
```

- Program the `image.bin` into flash
- *Optional: configuring the tftp root is only needed when the `image.bin` is not in the root folder of the tftp server*

```
setenv serverip <tftp server ip>  
setenv tftpboot <path/to/image/on/tftp/server>  
run getimage
```

- Reset the device

```
reset
```

- Wait until SmartWare has booted up
- Login over console
- Configure the basic networking as follows

```
enable

configure

dns-client server x.x.x.x

context ip

route 0.0.0.0 0.0.0.0 <default_GW_IP_address>

interface eth0

ipaddress <device ip> <device netmask>

port ethernet 0 0

bind interface eth0

shutdown

no shutdown

copy running-config startup-config
```

- Download the latest Smartware version. Go to → <http://upgrades.patton.com>
- Extract the .zip file into tftp root folder
- Perform the software upgrade

```
copy tftp://<tftp server ip>/bw flash:

reload
```

- Once the device is rebooted, it is running Smartware again