



Patton Electronics Company, Inc.

7622 Rickenbacker Drive

Gaithersburg, MD 20879 USA

Tel. +1 (301) 975-1000

Fax +1 (301) 869-9293

support@patton.com

<http://www.patton.com>

Customer Deliverable Documentation Revision 1.00, October 10, 2012

ADSL (SN4000DB-1A) Release Notes

Build Series A02

The ADSL (SN4000DB-1A) software is an embedded application software for the SmartNode™ series of VoIP Gateways and Gateway Routers that provide an ADSL interface.

Supported Products

SmartNode 4660, 4670 Series (HW Version: 4.x)

SmartWare compatibility

ADSL (SN4000DB-1A) Release	SmartWare Release
A02	R6.T_2012-07-18 or newer; R6.3 or newer
A01	R6.T_2012-07-18 or newer; R6.3 or newer

History of Solved CTS Cases

The following list refers to open cases in the Change Tracking System 'CTS'.

This Build Series A02

12022 Telnet problem fixed

Previously it was not possible to reach the daughter card from the WAN side with SmartWare static routing if the card had a live ADSL connection. Now this problem is fixed and the card is always reachable if it is configured.

Build Series A01

11879 First release

This is the first software release for the ADSL card.

Caveat - Known Limitations

The following list refers to open cases in the Change Tracking System 'CTS'

Documentation

Please refer to the following online resources:

- Software Configuration Guide SmartWare Release R6.2:
<http://www.patton.com/manuals/SCG-r62.pdf>
- SmartWare Configuration Library:
<http://www.patton.com/voip/confignotes.asp>

How to Upgrade

If you run a SmartWare version which is not listed as compatible to the ADSL software you need to upgrade the SmartWare first by following points 1-3. If SmartWare is already up to date you can start upgrading the ADSL firmware starting with point 4.

1. Extract <SmartWareFirmware>.zip to <tftp_root_folder>/smartware
2. You have the choice to upgrade with or without the GUI functionality.

To upgrade SmartWare without the GUI functionality, enter the following command (telnet, console):

```
copy tftp://<tftp_server_address>/smartware/b flash:
```

To upgrade SmartWare with the GUI functionality, enter the following command (telnet, console):

```
copy tftp://<tftp_server_address>/smartware/bw flash:
```

3. Reboot the SmartNode afterwards:

```
reload
```

4. Extract ADSL_AnnexAB_Firmware(A02).zip to <tftp_root_folder>/adsl
5. To upgrade to A02 enter the following command (telnet, console):

```
copy tftp://<tftp_server_address>/adsl/b flash:
```

6. Reboot the SmartNode afterwards:

```
reload
```

How to submit Trouble Reports

Patton makes every effort to ensure that the products achieve a supreme level of quality. However due to the wealth of functionality and complexity of the products there remains a certain number of problems, either pertaining to the Patton product or the interoperability with other vendor's products. The following set of guidelines will help us in pinpointing the problem and accordingly find a solution to cure it.

Problem Description:
Add a description of the problem. If possible and applicable, include a diagram of the network setup (with Microsoft tools).
Product Description:
When reporting a problem, always submit the product name, release and build number. Example: SmartNode 4960 V1 R5.T Build A02 This will help us in identifying the correct software version. In the unlikely case of a suspected hardware problem also submit the serial number of the SmartNode (s) and/or interface cards.
Running Configuration:
With the Command Line Interface command 'show running-configuration' you can display the currently active configuration of the system (in a telnet and/or console session). When added to the submitted trouble report, this will help us analyze the configuration and preclude possible configuration problems.
Logs and Protocol Monitors:
Protocol traces contain a wealth of additional information, which may be very helpful in finding or at least pinpointing the problem. Various protocol monitors with different levels of detail are an integral part of SmartWare and can be started (in a telnet and/or console session) individually ('debug' command). N.B.: In order to correlate the protocol monitors at the different levels in SmartWare (e.g. ISDN layer3 and Session-Router monitors) run the monitors concurrently.
Network Traffic Traces:
In certain cases it may be helpful to have a trace of the traffic on the IP network in order to inspect packet contents. Please use one of the following tools (supporting trace file formats which our tools can read): Ethereal (freeware; www.ethereal.com)
Your Coordinates:
For further enquiries please add your email address and phone number.