

SPEED TOUCH HOME

Customer Release Note

Release R3.2.6



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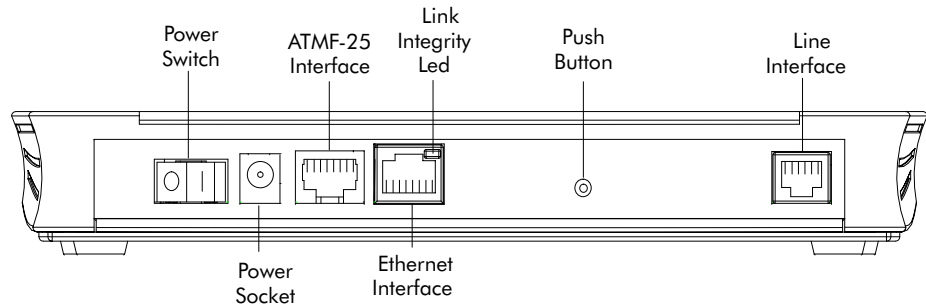
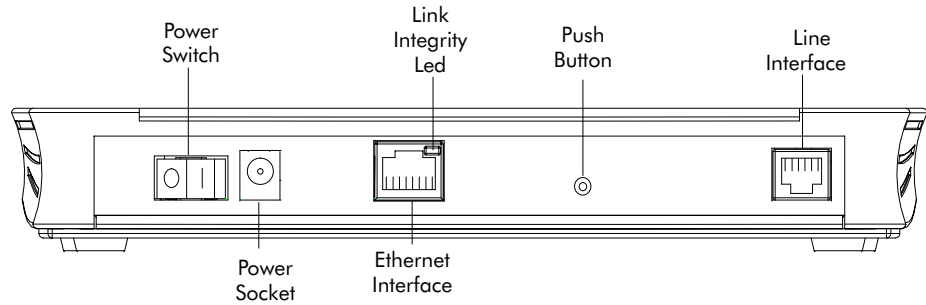
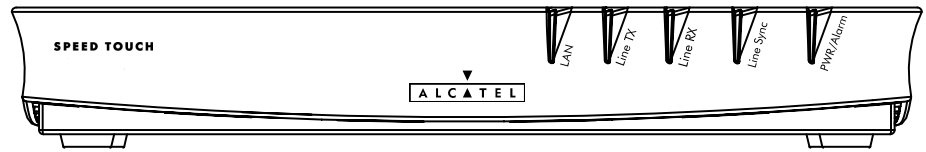
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1 The Speed Touch Home Release R3.2.6

The purpose of this document is to define the released items and provide the delivery information of the **Speed Touch™ Home**.



1.1 General

This software delivery is a maintenance release of the **Speed Touch™ Home**. It introduces the R3.2.6 software, which can be applied on all previous Release R3.2.x software deliveries, containing new features and various improvement with respect to the previous releases

1.2 R3.2.6 New Features

The R3.2.6 software introduces the following new features on top of the existing R3.2.5 feature set:

▶ **Speed Touch™ Home Software Management via FTP**

The software management via FTP allows you to:

- Backup/Restore a software image and configuration
- Upgrade the software image
- Upgrade a **Speed Touch™ Home** configuration
- Upgrade both software image and configuration.

▶ An additional CLI command allows to set the system password equal to the **Speed Touch™ Home** serial number

Note: On request this CLI command can be included to the default configuration of the software image, i.e. the default system password (equal to the **Speed Touch™ Home** serial number) applies when the equipment leaves the factory and after every reset-to-defaults.

▶ A warning is displayed on top of the **Speed Touch™ Home** web interface pages as long as the system password is not configured.

1.3 R3.2.6 Improvements

The R3.2.6 software features the following improvement with respect to the previous R3.2.5 release:

▶ **Improved ADSL-over-POTS interoperability (ECI/ADI)**

▶ **The Speed Touch™ Home does no longer support TFTP over IP**

▶ **A solution has been implemented for the F4/F5 alarm problem: users can enable/disable ATMF via the CLI**

▶ **A solution has been implemented for the multi-PVC PPTP problem**

- ▶ **The Alcatel-owned Maintenance login (EXPERT) can not be used anymore for initial login to the web interface and Telnet CLI session.**

Following table summarizes the changes between Release R3.2.6 and its preceding releases for accessing the **Speed Touch™ Home** interfaces:

Access method	R3.2.x	R3.2.6
FTP access to permanent storage via configured system password.	no	yes
First login to web interface via configured system password	yes	yes
First login to web interface via Alcatel-owned Maintenance login (EXPERT).	yes	no
First login to CLI Telnet session via System password	yes	yes
First login to CLI Telnet session via Alcatel-owned Maintenance login (EXPERT).	yes	no
Re-login to Alcatel-owned Maintenance mode during a CLI Telnet session via Alcatel-owned Maintenance login (EXPERT).	yes	no
Re-login to Alcatel-owned Maintenance mode during a CLI Telnet session via Alcatel-owned Trace&Debug mode command.	no	yes

2 Release History

	Description	Operational Codes	Remarks
R3.0 R3.1	R3.0 / R3.1 A1000 product Bridging only Bridging, PPPoA-to-PPTP Relaying Ethernet i/f only, ATMF-25.6 i/f only, or Ethernet + ATMF-25.6 i/fs variant POTS Line i/f, or ISDN Line i/f variant	POTS Platforms: ADNT-E / ADNT-G ISDN Platform: ADNT-F	A1000 ADSL network terminator releases
(R3.2)	(Pre R3.2) A1000 Home product Bridging only Bridging, PPPoA-to-PPTP Relaying Ethernet i/f only, or Ethernet + ATMF-25.6 i/fs variant POTS Line i/f only variant	Platform: ADNT-H Driver SW: KHDSAA.108	First release of the A1000 Speed Touch™ Home ADSL network terminator
R3.2	R3.2 Speed Touch™ Home product Bridging, PPPoA-to-PPTP Relaying Ethernet i/f only, or Ethernet + ATMF-25.6 i/fs variant POTS Line i/f only variant CRN: 3EC17271AAAA_PVZZA ICS01	Platform: ADNT-H Driver SW: KHDSAA.132	First release of the Speed Touch™ Home ADSL product New release, based on the previous R3.0/3.1 releases Introduction of a new enclosure, with reset push button. Local LAN support: DHCP, and local DNS, upgrade upload Introduction of the M3P1 modem software. ATM OAM monitoring is introduced. Introduction of a more advanced product with respect to this Speed Touch™ Home: the Speed Touch™ Pro.

	Description	Operational Codes	Remarks
R3.2.1	R3.2.1 Speed Touch™ Home product Bridging, PPPoA-to-PPTP Relaying Ethernet i/f only, or Ethernet + ATMF-25.6 i/fs variant POTS Line i/f only variant CRN: 3EC17271BAAA_PVZZA ICS01	Platform: ADNT-H Driver SW: KHDSAA.132 (VPI-8) KHDSAA.133 (VPI-0)	Maintenance release on R3.2 Most R3.2 restrictions are solved. Some of the web interface functionalities are redefined. Also some cosmetic changes. Introduction of VPI-0 variant next to existing VPI-8 variant.
R3.2.2	R3.2.2 Speed Touch™ Home product Bridging, PPPoA-to-PPTP Relaying Ethernet i/f only, or Ethernet + ATMF-25.6 i/fs variant POTS Line i/f only variant CRN: 3EC17271CAAA_PVZZA ICS01	Platform: ADNT-H Driver SW: KHDSAA.134 (VPI-8) KHDSBA.134 (VPI-0)	Maintenance release on R3.2.1 Consolidation of the VPI-0 variant. CLI 'apadd' command error is solved
R3.2.3	R3.2.3 Speed Touch™ Home product Bridging, PPPoA-to-PPTP Relaying Ethernet i/f only ISDN Line i/f variant CRN: 3EC17271DAAA_PVZZA ICS01	Platform: ADNT-K Driver SW: GSV7AA.102 (VPI-8)	Maintenance release on R3.2.2 Introduction of an ISDN variant.
R3.2.4	R3.2.4 / R3.2.4 ISDN Speed Touch™ Home product Bridging, PPPoA-to-PPTP Relaying Ethernet i/f only, or Ethernet + ATMF-25.6 i/fs POTS variant POTS Line i/f, or ISDN Line i/f variant CRN: 3EC17271EAAA_PVZZA ICS03 CRN: 3EC17271EBAA_PVZZA ICS01	POTS Platform: ADNT-I POTS Driver SW: GV8BAA3.235 (VPI-8) GV8BAB3.235 (VPI-0) ISDN Platform: ADNT-K ISDN Driver SW: GSV7AA3.235	Maintenance release on R3.2.2(POTS) Maintenance release on R3.2.3(ISDN) No new features. Various restrictions are solved.
R3.2.5	R3.2.5 Speed Touch™ Home product Bridging, PPPoA-to-PPTP Relaying Ethernet i/f only, or Ethernet + ATMF-25.6 i/fs POTS Line i/f only variant CRN: 3EC17271FAAA_PVZZA ICS02	Platform: ADNT-H Driver SW: KHDSAA3.253 (VPI-8) KHDSBA3.253 (VPI-0) Platform: ADNT-I Driver SW: GV8BAA3.253 (VPI-8) GV8BAB3.253 (VPI-0)	Maintenance release on R3.2.4 No new features. One restriction solved.

	Description	Operational Codes	Remarks
R3.2.6	<p>R3.2.6</p> <p>Speed Touch™ Home product</p> <p>Bridging, PPPoA-to-PPTP Relaying</p> <p>Ethernet i/f only, or Ethernet + ATMF-25.6 i/fs</p> <p>POTS Line i/f only variant</p> <p>CRN: 3EC17271GAAA_PVZZA ICS01</p>	<p>Platform: ADNT-H</p> <p>Driver SW:</p> <p>KHDSAA3.264 (VPI-8)</p> <p>KHDSBA3.264 (VPI-0)</p> <p>Platform: ADNT-I</p> <p>Driver SW:</p> <p>GV8BAA3.264 (VPI-8)</p> <p>GV8BAB3.264 (VPI-0)</p>	<p>Maintenance release on R3.2.5</p> <p>Software and/or Configuration update/upgrade via limited FTP access.</p> <p>Improved access policy.</p> <p>Improved ADSL-over-POTS interoperability.</p>

3 Delivery Information

3.1 Product Codes

3.1.1 VPI-0 Variant

	Area	Alcatel Item Number	Description
PRL	US 3/4 pin	3EC 18804 GCAB ICS04	R3.2.6 Ethernet i/f only Bridging, PPPoA-to-PPTP Relaying POTS Line i/f
PRL	US 3/4 pin	3EC 18804 GCAC ICS04	R3.2.6 Ethernet i/f only Bridging, PPPoA-to-PPTP Relaying POTS Line i/f

3.1.2 VPI-8 variant

	Area	Alcatel Item Number	Description
PRL	US 2/5 pin	3EC 18204 BCAB ICS06	R3.2.6 Ethernet i/f only Bridging, PPPoA-to-PPTP Relaying Pins 3/4, unless indicated otherwise POTS Line i/f
	US 3/4 pin	3EC 18804 BCAB ICS06	
	SINGAPORE	3EC 18504 BCAB ICS06	
	KOREA (220V)	3EC 18904 BCAB ICS06	
	KOREA Without power adapter!	3EC 18904 BEAB ICS06	
	AUSTRALIA	3EC 18704 BCAB ICS06	
	REST OF THE WORLD	3EC 18604 BCAB ICS06	
PRL	US 2/5 pin	3EC 18205 BCAB ICS06	R3.2.6 Ethernet and ATMF i/f Bridging, PPPoA-to-PPTP Relaying Pins 3/4, unless indicated otherwise POTS Line i/f
	US 3/4 pin	3EC 18805 BCAB ICS06	
	SINGAPORE	3EC 18505 BCAB ICS06	
	KOREA (220V)	3EC 18905 BCAB ICS06	
	KOREA Without power adapter!	3EC 18905 BEAB ICS06	
	AUSTRALIA	3EC 18705 BCAB ICS06	
	REST OF THE WORLD	3EC 18605 BCAB ICS06	
PRL	US 2/5 pin	3EC 18204 BCAC ICS06	R3.2.6 Ethernet i/f only Bridging, PPPoA-to-PPTP Relaying Pins 3/4, unless indicated otherwise POTS Line i/f
	US 3/4 pin	3EC 18804 BCAC ICS06	
	SINGAPORE	3EC 18504 BCAC ICS06	
	KOREA (220V)	3EC 18904 BCAC ICS06	
	KOREA Without power adapter!	3EC 18904 BEAC ICS06	
	AUSTRALIA	3EC 18704 BCAC ICS06	
	REST OF THE WORLD	3EC 18604 BCAC ICS06	
PRL	US 2/5 pin	3EC 18205 BCAC ICS06	R3.2.6 Ethernet and ATMF i/f Bridging, PPPoA-to-PPTP Relaying Pins 3/4, unless indicated otherwise POTS Line i/f
	US 3/4 pin	3EC 18805 BCAC ICS06	
	SINGAPORE	3EC 18505 BCAC ICS06	
	KOREA (220V)	3EC 18905 BCAC ICS06	
	KOREA Without power adapter!	3EC 18905 BEAC ICS06	
	AUSTRALIA	3EC 18705 BCAC ICS06	
	REST OF THE WORLD	3EC 18605 BCAC ICS06	

3.2 Documentation Sets

	Area	Alcatel Item Number	Description
DOCP	–	3EC 17271 AAAA ICS01	DOCP–STHome R3.2 R3.2 Customer Release Note
DOCP	–	3EC 17271 BAAA ICS01	DOCP–STHome R3.2.1 R3.2.1 Customer Release Note
DOCP	–	3EC 17271 CAAA ICS01	DOCP–STHome R3.2.2 R3.2.2 Customer Release Note
DOCP	–	3EC 17271 EAAA ICS03	DOCP–STHome R3.2.4 R3.2.4 Customer Release Note
DOCP	–	3EC 17271 FAAA ICS02	DOCP–STHome R3.2.5 R3.2.5 Customer Release Note
DOCP	–	3EC 17271 GAAA ICS01	DOCP–STHome R3.2.6 R3.2.6 Customer Release Note
DOC	–	3EC 17058 AAAA TCZZA Edition 04	Alcatel Speed Touch™ Home User's Guide
DOC	–	3EC 36230 AAAA TCZZA Edition 01	Alcatel Speed Touch™ Home/Pro Operator's Guide
DOC	–	3EC 16982 AAAA TCZZA Edition 04	Alcatel Speed Touch™ CLI Reference Guide

3.3 Software Versions

3.3.1 VPI-0 Variant

ADNT-H software components – SWD ATU–R 3.2.6		
Component	Alcatel item number	Remarks
Operational Code	3EC 16553 ABAA ICS03 KHDSBA3.264	R3.2.6 ADNT-H Software (VPI=0)
ADNT-I software components – SWD ATU–R 3.2.6		
Component	Alcatel item number	Remarks
Operational Code	3EC 17631 ABAA ICS03 GV8BAB3.264	R3.2.6 ADNT-I Software (VPI=0)

3.3.2 VPI-8 Variant

ADNT-H software components – SWD ATU–R 3.2.6		
Component	Alcatel item number	Remarks
Operational Code	3EC 16553 AAAA ICS03 KHDSAA3.264	R3.2.6 ADNT-H Software (VPI=8)
ADNT-I software components – SWD ATU–R 3.2.6		
Component	Alcatel item number	Remarks
Operational Code	3EC 17631 AAAA ICS03 GV8BAA3.264	R3.2.6 ADNT-I Software (VPI=8)

4 Known Restrictions

1. Loopback on 0..21, and 1..21 is no longer supported

Workaround The identical functionality can be achieved by F4/F5 segment and end-to-end loopback cells.

5 Default VPI/VCI Assignments

5.1 VPI/VCI Range for VPI-0 Variant

The VPI-0 variant exists in the single Ethernet interface model only.

VIRTUAL CHANNEL		UPPER LAYER PROTOCOLS	SERVICE CHANNEL
VPI	VCI		
0	21	–	ADSL/ATM Loopback channel
1			
0	35	AAL5/RFC1483/IEEE802.3– Ethernet V2.0 EThoA	IEEE 802.1D/1G Transparent Bridging
	36		
	37		
	38		
	48	AAL5/RFC2364/PPPoA	PPPoA-to-PPTP Relaying
	49		
	50		
	51		
15	16	AAL5/SNMP	SNMP/ASAM agent communication channel for Alcatel ASAM
	64	AAL5/TFTP	SW TFTP download channel

Note The connection patterns above can be influenced by the AutoPVC feature, if activated in Alcatel DSLAMs.

5.2 VPI/VCI Range for VPI-8 Variant

VIRTUAL CHANNEL		UPPER LAYER PROTOCOLS	SERVICE CHANNEL
VPI	VCI		
0..7	0..511	Transparent: VP cross-connect (ADSL-ATMF-25.6)	End-user defined
0	21	-	ADSL/ATM Loopback channel
1			
8	35	AAL5/RFC1483/IEEE802.3-Ethernet V2.0 ETHoA	IEEE 802.1D/1G Transparent Bridging
	36		
	37		
	38		
15	48	AAL5/RFC2364/PPPoA	PPPoA-to-PPTP Relaying Service
	49		
	50		
	51		
15	16	AAL5/SNMP	SNMP/ASAM agent communication channel for Alcatel ASAM
	64	AAL5/TFTP	SW TFTP download channel

Note The connection patterns above can be influenced by the AutoPVC feature, if activated in Alcatel DSLAMs.