

Siemens Enterprise Communications

Release Note ¹

Release Note Version: V 2.12.0

Document Owner: Höfig, Dr. Jürgen

Product Name: HiPath TAPI 120
HiPath TAPI 170

Product-Version: V2

SW Release is identified by **SW Version:** V2 R1.63.0

Major Release (Upgrade to a new Product-Version, relevant for manufacturing)

☐

Minor Release (Feature enhancements, relevant for manufacturing)

☐

(Upgrade or Update, depending upon new licensed features required. Upgrade only if license extension required)

Fix Release (Update, Error Corrections only)

☐

Fix Release (Update, Error Corrections only, relevant for manufacturing)

☒

Hotfix Release (Update, Error Corrections only, restricted to Service Level 2)

☐

Production-Version:

System:	HiPath TAPI 170/120 V2	
Sachnummer / Code number:	P30152-P1264-P1-4 (V2 R1.63.0)	
Dateitype / File type	Dateiname / File name	Größe / Size
Iso File	123.435.008 bytes	123.435.008 bytes
Exe File	HT120HT170_2.0.63.0000.exe	78.569.472 bytes)

Export Control Classification Data

AL = N

ECCN = 5D992A1

FieldTrial: ☐

eeQS: ☐

Limited Availability: ☐

General Availability: ☒

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DECLARATION DATE:

Date

: 2010-04-22

DECLARED BY:

corresponding PL-Development

: Höfig, Dr. Jürgen

SME MP 41

corresponding Test TPL

: Belias,D

SEN EPD QA

DELIVERABLES:

Full Release: ☒

Delta Release: ☐

Software:

[Refere to SWS/KMOSS structure according to Product Name and SW-Version](#)

Hardware:

[Refere to chapter: Hardware Revisions supported](#)

¹

Switch on hidden text if you need help for filling out this release note.

Abstract:

These Release Notes provide general information about the release, generics, and other relevant notes for the corresponding product and its correction versions. These Release Notes also list and describe the known problems, restrictions and workarounds.

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1 Documentation

TAPI 120

English	Documents	Hyperlinks	Remarks
	E-DOCU	Start E-Docu	
	Product E-Docu		
	Installation and Configuration	A31003-H3540-T120-6-76A9	new
	Sales info		
	C-SWS Brussels	Start SWS Main Page	
	Compatibility Information	See at Product on SWS	

Deutsch	Dokumente	Hyperlinks	Bemerkungen
	E-DOKU	Starte E-Doku	
	Produkt E-Doku		
	Installation und Konfiguration	A31003-H3540-T120-6-A9	neu
	Vertriebsinformation		
	C-SWS Bruessel	Starte SWS Main Page	
	Kompatibilitäts-Information	Siehe beim Produkt im SWS	

TAPI 170

English	Documents	Hyperlinks	Remarks
	E-DOCU	Start E-Docu	
	Product E-Docu		
	Installation and Configuration	P31003-H3540-T171-6-76A9 P31003-H3540-T170-6-76A9	Singlenode Multinode
	Sales info		
	C-SWS Brussels	Start SWS Main Page	
	Compatibility Information	See at Product on SWS	

Deutsch	Dokumente	Hyperlinks	Remarks
	E-DOKU	Starte E-Doku	
	Produkt E-Doku		
	Installation und Konfiguration	P31003-H3540-T171-6-19 P31003-H3540-T170-6-19	Singlenode Multinode
	Vertriebsinformation		
	C-SWS Bruessel	Starte SWS Main Page	
	Kompatibilitäts-Information	Siehe beim Produkt im SWS	

2 History of Change (Release Note)

Version	Date	Changes	Author
2.1.0	2004-11-12	Update for build 46	F.Reinicke
2.2.0	2005-02-18	Update for build 47	F.Reinicke
2.3.0	2005-10-05	Update for build 49	G.Sünkler
2.4.0	2005-12-05	Update for build 50	G.G.Pflaum
2.5.0	2006-05-29	Update for build 51	F.Reinicke
2.5.1	2006-06-08	Layout changes	G.Sünkler
2.6.0	2006-11-10	Update for build 52	I. Fellmann
2.7.0	2007-07-03	Update for build 54, New Template	G.Sünkler
2.8.0	2007-11-30	Update for build 55	G. Sünkler
2.9.0	2008-03-14	Update for build 57	G. Sünkler
2.10.0	2008-06-30	Update for build 58, merge TAPI 120 and TAPI 170 to one release note, add TAPI ServiceProvider CD	Sunkler,G Belias,D
2.11.0	2009-03-20	Update for build 61	Sunkler,G Belias,D
2.11.1	2009-03-23	Change the status of sw	Sunkler,G Belias,D
2.11.2	2009-03-23	Missing resolved Ticket	Sunkler,G Belias,D
2.11.3	2009-03-27	Missing supported OS	Sunkler,G Belias,D
2.12.0	2010-04-22	Update for build 63	Sunkler,G Belias,D

3 Product and Diagnostics Structure in DMS / SWS and ICTS

3.1 Product Structure

Structure in Global DMS / SWS	
Main Category	Communication Systems
Product Family	HiPath TAPI
Product	HiPath TAPI 120/170
Product Version	HiPath TAPI 120/170 V2.0
Product Item	P30152-P1264-P1-4 (V2 R1.63.0)

3.2 Diagnostics Structure

Structure in Case Tracking System ICTS	
Product Family	HIPATH APPLICATION
Product Group	HIPATH CTI SOLUTION
Product Type	HIPATH TAPI 120/170
Product Version	V2
SW Version	P30152-P1264-P1-4 (V2 R1.63.0)

3.3 Diagnostics Requirements

- Errordescription
- Trace with DBWin32.exe, sw is available on the following link :
<http://technet.microsoft.com/en-us/sysinternals/default.aspx>
- HiPath Configuration file (KDS)

4 Security Policy

4.1 HiSAT

Please access HiSAT to get the current status about Security Alert Telegrams for your product:

[Start HiSAT Database](#)

[Start Product in HiSAT](#)

4.2 Microsoft OS

4.2.1 TAPI 120

These requirements are valid for TSP and CMD components

Client OS

		Version
Microsoft	Windows 2000 Professional	All (32 bit)
Microsoft	Windows XP Professional	All (32 bit)
Microsoft	Windows Vista	without Home Edition (32 bit)
Microsoft	Windows 7	without Home Edition (32 bit)

Server OS

		Version
Microsoft	Windows 2000 Server	All (32 bit)
Microsoft	Windows 2003 Server	All (32 bit)
Microsoft	Windows 2008 Server	32 bit

4.2.2 TAPI 170

Server OS

		Version
Microsoft	Windows 2000 Server	All (32 bit)
Microsoft	Windows 2003 Server	All (32 bit)
Microsoft	Windows 2008 Server	32 bit

For single node configurations additional:

		Version
Microsoft	Windows 2000 Terminal Server	All (32 bit)
Microsoft	Windows 2003 Terminal Server	All (32 Bit)
Microsoft	Windows 2008 Terminal Server	All (32 Bit)

Client OS (Remote TSP)

		Version
Microsoft	Windows 2000 Professional	All (32 Bit)
Microsoft	Windows XP Professional	All (32 Bit)
Microsoft	Windows Vista	without Home Edition (32 Bit)
Microsoft	Windows 7	without Home Edition (32 Bit)

4.3 Other OS

4.3.1 TAPI 120

None

4.3.2 TAPI 170

For single node configurations:

		Version
Citrix	MetaFrame XP Feature	Release 3 with SP 3
Citrix	Terminal Server	XEN APPS

5 Hardware and Software Compatibility

5.1 Hardware Revisions supported

SLH or Board	Product “long” name	Product Revision

5.2 Firmware Releases supported

List of FW or FW Product Name	FW Version (e.g. Vx[.y] Rm.f.h)

5.3 Loadware Releases supported

Board (e.g. TMOM2) List of LW	Part Number (e.g. Q6400-X888)	FCT-ID	LW changed Yes/No	Correction in (e.g. MSC....)	Loadware Variant (e.g. pzfgmom40.g1.018)	Production Date (yyyy-mm-dd)

5.4 Software Releases supported

List of SW or SW Product Name	SW Version (e.g. Vx[.y] Rm.f.h)
HG 1500 V3.0 for HiPath 3000 V7/V8 HG 1500 STMI V3.0 for HiPath 3000 V7/V8	≥(V8 R4.2.0) HI-G15.84.002 ≥ (V8 R4.2.0) HI-G15.84.002S

5.5 Operating Systems supported

Operating System Name	Operating System Version
See chapter 4.2	

5.6 Compliant Products

5.6.1 TAPI 120

Product Family List of Compliance	Product	SW Version (e.g. Vx[.y] Rm.f.h)
HiPath 500	HiPath 540, 580 V7	≥ P30152-P1266-P500-2 (V7 R4.3.0) HE644S.00.42
HiPath 500	HiPath 540, 580 V8	≥ P30152-P1441-P500-2 (V8 R2.2.0_053) HE682S.00.53
HiPath 2000	HiPath 2000 V2	≥ P30152-P1337-P7-4 (V2 R1.0.1016) Web Image HE641Y.00.0016
HiPath OpenOffice EE	HiPath OpenOffice EE V1	≥ P30152-P1337-Q8-2 (V1 R1.0.0) HE681Y.00.021 and higher
HiPath 3000	HiPath 3300, 3350 V7	≥ P30152-P1266-P1-9 (V7 R1.2.0) HE641S.20.000
HiPath 3000	HiPath 3500, 3550 V7	≥ P30152-P1266-P1-9 (V7 R1.2.0) HE641S.20.000
HiPath 3000	HiPath 3800 V7	≥ P30152-P1266-P2-9 (V7 R1.2.0) HE641P.20.000
HiPath 3000	HiPath 3300, 3350 V8	≥ P30152-P1441-P1-02 (V8R2.0.0_004) HE682S.00.004
HiPath 3000	HiPath 3500, 3550 V8	≥ P30152-P1441-P1-02 (V8R2.0.0_004) HE682S.00.004
HiPath 3000	HiPath 3800 V8	≥ P30152-P1441-P1-02 (V8R2.0.0_004) HE682P.00.004
HiPath 5000	HiPath 5000 V7	≥ P30152-P1266-P14-3 (V7 R3.4.0) HE643A.00.33
HiPath Open Office	HiPath Open Office ME V1	≥ P30152-P1388-P1-26 (V1 R2.2.3) HE802Y.00.085
OpenScape Office	OpenScape Office MX V2	≥ P30152-P1462-P1-9 (V2 R1.1.0) HE821Y.10.002

5.6.2 TAPI 170

Product Family List of Compliance	Product	SW Version (e.g. Vx[.y] Rm.f.h)
HiPath 2000	HiPath 2000 V2	≥ P30152-P1337-P7-4 (V2 R1.0.1016) Web Image HE641Y.00.0016
HiPath OpenOffice EE	HiPath OpenOffice EE V1	≥ P30152-P1337-Q8-2 (V1 R1.0.0) HE681Y.00.021 and higher
HiPath 3000	HiPath 3300, 3350 V7	≥ P30152-P1266-P1-9 (V7 R1.2.0) HE641S.20.000
HiPath 3000	HiPath 3500, 3550 V7	≥ P30152-P1266-P1-9 (V7 R1.2.0) HE641S.20.000
HiPath 3000	HiPath 3800 V7	≥ P30152-P1266-P2-9 (V7 R1.2.0) HE641P.20.000
HiPath 3000	HiPath 3300, 3350 V8	≥ P30152-P1441-P1-02 (V8R2.0.0_004) HE682S.00.004

HiPath 3000	HiPath 3500, 3550 V8	≥ P30152-P1441-P1-02 (V8R2.0.0_004) HE682S.00.004
HiPath 3000	HiPath 3800 V8	≥ P30152-P1441-P2-02 (V8R2.0.0_004) HE682P.00.004
HiPath 5000	HiPath 5000 V7	P30152-P1266-P14-3 (V7 R3.4.0) HE643A.00.033
HiPath Open Office	HiPath Open Office ME V1	P30152-P1388-P1-26 (V1 R2.2.3) HE802Y.00.085
OpenScape Office	OpenScape Office MX V2	≥ P30152-P1462-P1-9 (V2 R1.1.0) HE821Y.10.002

5.7 Management Information Base

Product forwards SNMP traps according to a MIB: ☐

5.8 License Management

Product is licensed via CLS: ☐ CSC: ☐

Other Licensing: ☐ If you are using others, please describe below:

5.9 Remote Serviceability

Product is certified for SIRA: ☐ HiSPA: ☐ RTPatch: ☐

Other Remote Serviceability: ☐ If you are using others, please describe below:

Type of Installation	Transfer time via SIRA/HiSPA	Installation Time
Initial Installation		
Delta Installation		

Hints for remote serviceability:

6 Release Version History

List of all released SW Versions since Major SW Release (M3), i.e. all SW Releases in PRISMA/SWS having been released within this Product-Version:

6.1.1 TAPI Service Provider CD

SW Version (e.g. Vx.y] Rm.f.h)	Production-Version (e.g. APS)	Date Created	Remarks
V2 R0.0.0	P30152-P1264-P1-1	2007-03-02	
V2 R1.58.0	P30152-P1264-P1-2	2008-07-10	SW version 2.0.58.0000
V2 R1.61.0	P30152-P1264-P1-3	2009-03-20	SW version 2.0.61.0000
V2 R1.63.0	P30152-P1264-P1-4	2010-04-22	SW version 2.0.63.0000

7 Changes

7.1 Implemented Change Requests

Minor Release Number	CR – Number	MR	Summary Including Hyperlink to detailed attachment in chapter “Attachments”
V2 R1.58.0	RQ00024417-CR1		TAPI Support for HiPath OpenOffice ME. released for single node configurations
V2 R1.61.0	RQ00027735-CR1		HiPath 5000 V7 -7 digits (node number+subscriber number) It is necessary to use ManagerE & DBFS >= V8 R1.1.0 (HA680B.50.155 /HV680B.50.155) for this Change Request
V2 R1.61.0	RQ00026478-CR2		Support of Windows 2008/32 bit
V2 R1.63.0	RQ00030446-CR1		Product Rebranding to OpenScape Office MX V2
V2 R1.63.0	RQ00029372-CR2		Support of Microsoft Windows 7
V2 R1.63.0	RQ00028774-CR2		TAPI 120 /170 adaption for HiPath 3000 V8 MULAP support (supported only in sw > V8R4 (HE684B.00.13))

7.2 Problems fixed

ICTS Ticket	MR	Summary Including Hyperlink to detailed attachment in chapter “Attachments” if necessary
	H69853	Tapi120:Calling from Mulap - Appl freeze
	H69496	CSTA3 User must be inserted manually
	H69513	CSTA3Ext.dll error received every 30 seconds
NA04144934	H69040	SnapshotCall is returning deviceOnCall.notKnown a
	H56491	CSTA3:TAPI-TEST: CHECKSTRUCT_lineGetCallInfo 100,101 failure
	H60840	Tapi 120: Wrong RedirectingID when a recall occurs
NA03904569	H61926	Vista preparation" script doesn't work.
	H52458	Developer guide to be updated
	H52705	CSTA3: CSP: TransferAndDeflect_CSP - CalledDevice

8 Outstanding customer problems

ICTS Ticket	MR	Summary	Workaround Yes / No
none			

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9 Outstanding problems found in System Test

MRTS Ticket	Summary	Workaround Yes / No
none		

10 Initial Installation

10.1 Service Manual

See Installation and Configuration Manual

10.2 Deviations from Service Manual

For deviations from the Service Manual, please read the readme.txt file on the CD

11 Update Installation

11.1 Service Manual

See Installation and Configuration Manual

11.2 Deviations from Service Manual

For deviations from the Service Manual, please read the readme.txt file on the CD

12 Important information

12.1 Module versions

12.1.1 TAPI 120

The current version replaces all previous versions of the released software.

asn1.dll	1.0.0.30	
CMDService.exe	1.0.0.69	(new)
CMDUI.cpl	1.0.0.48	(new)
FM_CMD.ini	01.03.02 16:44	
Hcm3rdUI.dll	4.0.0.125	(new)
HcmO_3rd.tsp	3.2.0.675	(new)
LicenseCtrl.dll	1.0.0.1	
SelectNewIP.exe	1.0.0.2	
Setup	2.0.63.0000	(new)
VulkanClient.mdb		

12.1.2 TAPI 170

Software release for HiPath TAPI 170 V2.0 with language support for de, en.

HiPath TAPI 170 V2.0 replaces HiPath TAPI 170 V1.0.
HiPath TAPI 170 V2.0 is downwards compatible.

The current version replaces all previous versions of the released software.

ACD3Service.exe	3.1.0.29	(new)
asn1.dll	1.0.0.30	
Bstrc20.dll	2.1.0.502	
Bstrc20.msm *)	2.1.0.502	
BSTrcMon.exe	2.0.0.504	
CCMC.msm *)	1.0.0.44	
CCMC.dll	1.0.0.68	
CCMCommon.dll	1.0.0.42	
CCMCService.exe	2.0.0.14	
CCMOpt.cpl	1.0.0.3	
CCMOpt.exe	1.0.0.14	
CMDService.exe	1.0.0.69	(new)
CMDUI.cpl	1.0.0.48	(new)
CSPService.exe	1.0.0.168	(new)
CSPUI.cpl	2.0.0.7	
CSTA2Ext.dll	1.1.0.30	
CSTA3Ext.dll	1.1.0.31	(new)
CSTAVExt.dll	1.1.0.31	(new)
DBSpy.exe	1.1.0.206	
DBUpdate.exe +)	1.0.0.206	
FM_CMD.ini	01.03.02 16:44	
FM_CSP.ini	07.03.02 10:10	

FM_HT170.ini	01.03.02 16:39	
Hcm3rdUI.dll	4.0.0.125	(new)
HcmO_3rd.tsp	3.2.0.675	(new)
hldinst.exe	0.0.0.0	
hlvddLIB.dll	1.0.0.1	
LicenseCtrl.dll	1.0.0.1	
psapi.dll	5.0.2134.1	
SelectNewIP.exe	1.0.0.2	
ServiceControl.exe	1.0.0.2	
Setup	2.0.63.0000	(new)
SyncToClient.dll	1.0.0.4	
TAPI170LIC.exe	1.1.0.36	
VulkanClient.mdb		

*) MergeModule

+) Setup Add-in

12.2 System Values

12.2.1 HiPath TAPI 120 TSP

The maximum number of TAPI clients connected to HiPath TAPI 120 depends on the HiPath platform and on the type of LAN connection.

Platform	TAPI 120 clients without CMD	TAPI 120 clients with CMD	Remark
HiPath 500	8	----	Max. 400 BHCA
HiPath 2000	6	200	
HiPath 3300 with LIM	6	----	Max. 400 BHCA
HiPath 3300 with HG 1500	6	60	
HiPath 3500 with LIM	6	---	Max. 400 BHCA
HiPath 3500 with HG 1500	6	130	
HiPath 3700 with LIM	6	---	Max. 400 BHCA
HiPath 3700 with HG 1500	6	250	
HiPath 3800 with LIM	6	---	Max. 400 BHCA
HiPath 3800 with STMI	6	250	
HiPath 5000 CS	6	250	
HiPath Open Office EE	6	200	
HiPath Open Office ME	6	250	
OpneScape Office MX V2	6	250	

12.2.2 HiPath TAPI 170 TSP

Max. number of TAPI clients:

- HiPath 3800 250
- HiPath 3700 250
- HiPath 3500 130
- HiPath 3300 60
- HiPath 2000 200
- HiPath 5000 CS 250
- HiPath 5000 RSM 1000 (system-wide)
- HiPath OpenOffice ME V1 250
- HiPath Open Office EE 200
- OpenScape Office MX V2 250

The maximum number of TAPI clients is always limited by the number of monitoring points available on each platform and the traffic load expected on these points.

12.2.3 CSTA Message Dispatcher

Max 1000 CTI Links (CSTA Links)

12.3 Functional Boundary Conditions

12.3.1 HiPath TAPI 120 TSP

- Connection to the HiPath platforms is via Ethernet LAN with TCP/IP and CSTA protocols.
- HiPath TAPI is exclusively installed on single systems.
- Only MS Windows PCs can be operated as TAPI PCs.
- Only 32-bit operating systems are supported.
- The number of monitor points are not exclusively for HiPath TAPI 120 TSP, but are available for all connected applications. This could reduce the monitor points available for HiPath TAPI 120 considerably. The configuration level is therefore dependent on the overall installation and the expected load.
- The load resulting from the number of messages caused by the TAPI applications can lead to delayed reaction times in a HiPath platform.
- Use in connection with Terminal Server architecture has not been released.
- Operation with standard H.323 or SIP phones is not released.
- When installing CMD components on a separate PC, please note that this PC must be in operation for the duration of TAPI 120 use of all clients.

12.3.2 CSTA Service Provider (CSP)

The CSP component is always configured for:

- Max. 64 nodes
- Max. 1000 monitoring points, system-wide
- Theoretically unlimited number of CSTA interfaces to the applications.

Currently, a maximum of one CSTA application with up to 10 nodes and up to 150 released agents has been tested and released under 1400 BHCA load.

12.3.3 HiPath TAPI 170 TSP

- Connection to the HiPath platforms is via Ethernet LAN with TCP/IP and CSTA protocols.
- Connection to HiPath 3000 via LIM is not released.
- Deployment without HiPath 5000 RSM in networked HiPath platforms has not been released.
- Only 32-bit operating systems are supported.
- Only MS Windows network clients can be operated as TAPI PCs.
- TAPI lines are transported to client PCs using Windows remote TSP mechanisms. This process is subject to the operating system's security model.
- All client PCs and the server must be members of a single domain. LAN releases refer to the usage of Ethernet technology only.
- The number of monitor points is not exclusively for HiPath TAPI 170 TSP, but is available for all connected applications. This could reduce the monitor points available for HiPath TAPI 170 considerably. The configuration level is therefore dependent on the overall installation and the expected load, and should not exceed 250 TAPI clients.

- The load resulting from the number of messages caused by the TAPI applications can lead to delayed reaction times in a HiPath platform.
- Use in connection with Windows terminal server architecture is constricted released.
- HiPath TAPI 170 TSP must not be used on a server with multiple network interface cards or load balancing.
- Operation with standard H.323 or SIP phones is not possible.
- In open numbering plan, there is limitation of total dialed digits (node number +subscriber number). This limitation is at 8 digits.

13 Restrictions

13.1 New or changed restrictions for this current SW Release

13.2 Restrictions for this Product Version

14 Attachments

Attention: Please set hyperlinks within this document from the chapter you refer to the attached document.