

SynCTI Upgrade Instruction

SynCTI Ver. 5.3.2.7

Release Date: July, 2014

New Features & Fixed Bugs

(This version supports 32-bit or 64-bit Windows OS and Linux OS)

Series	Feature	Supported Board Model	New Feature & Fixed Bug
SHN	VoIP Media Processing & Signaling	SHN Series	Support the SIP channel to send the call transfer, call hold or call unhold request during an ongoing call.
			Better support the function SsmSetTxCallerId for SIP channels.
			Support the new board model SHN-120B-CT/PCIe/VAR.
			Improve the capability in the peer to peer incoming call processing for registered SIP channels.
			Allow the Domain field to be filled in with a domain name in multi-channel registration.
			Solve the problem that SDP fails to be queried due to frequent reception of the invite message.
			Solve the problem that the APP crashes due to the dynamical configuration of the log for the IP board in case no SHN series boards are installed.
			Solve the problem that the driver state goes abnormal as COT doesn't reply the ACK message.
			Improve the capability in parsing the abnormal message header.
Improve the capability in parsing the domain name for multi-channel registration.			
SHD	Digital Media Processing & Signaling	SHD Series	Support to set the SS7 subservice code in a specified link set.
			Improve the ISDN processing.
			Support the range of 64~126 for TEI value.
DST	Digital Station Tap Boards	DST-24B/PCI	Better support the Siemens AC WIN4.0 console.

			Better support the ERICSSON digital phone.		
			Better support the LCD info display of AVAYA PBXes.		
FAX	Fax Board	SHF Series	Support to encode the pagination of the current page in the page header.		
			Better support the function SsmFaxStartReceive.		
IPR	VoIP Recording Software	NTP-480A/PCle	Better support the NTP board working under the non-administrator user mode.		
			Better support the function SsmGetAccreditIdEx for the NTP board.		
			Newly support the ALCATE 4059 console.		
				IPR series	Newly support the RTP-only recording mode.
					Newly support the G722 RTP recording.
					Newly support LG NORTEL PBXes
					Better support CISCO PBXes
					Better support the IPR capture.
					Better support the processing of non-standard RTP addresses in IPR recording.
					Newly support the recording of specified IP calls.
					Better support CISCO H323.
					Newly support the separate recording of two extensions for an ongoing call.
					Better support the IPR recording under registration.
					Better support the recording for target monitoring.
		Support to obtain the original SIP message.			
DTP	DTP	DTP Series	Newly support three interfaces - framing, coding and sync – on the configuration tool.		
Install package	Install package	All	Support to modify the driver's default installation path in the setup.ini file.		
			Newly support to configure the installation package to be neutral.		

Newly Added Configuration Item	Add a new configuration item SubServicefield under the section [LinkSetInfo] to set the SS7 subservice code in a specified link set.
	Add a new configuration item RTPCtrlRec under the section [BoardId=x] to set the RTP-Only mode switch for SynIPAnalyzer.
	Add a new configuration item AfterFlashNotAffectChState under the section [SystemConfig] to set whether to keep the channel state after the flash operation.
	Add six new configuration items LPTSPort, LPTSPortType, PhonePort, PhonePortType, NonStationAddressNo and NonStationAddress[y] under the section [IPRLGNortel] to set the LG Nortel monitoring.
	Add a new configuration item SipSearchChInRegisterChannel under the section [SIP] to set whether to search for an idle channel only from the registered channels while receiving a peer to peer incoming call.
	Add a new configuration item SipDomain under the section [SIP] to set whether to parse the SIP server domain name while checking the Registration state of the channel.
	Add a new configuration item LocalHookFilterTime under the section [SystemConfig] to set the minimum duration for judging the flash signal.
	Add three new configuration items RegOutBoundProxyAddr, RegAuthUserName and RegDisplayName under the section [SIP] to set Bound External Address, Authentication Username and Display Username for the multi-channel registration.
	Add a new configuration item TelephoneEventsPt under the section [BoardId=x] to set the DTMF RFC2833 payload format for local reception.
Newly Added Function	Add a new function fPcm_NotchFilter_ULAW to filter the specific frequency from a μ -Law formatted voice file which is recorded by the Synway board using the notch filtering algorithm.
	Add a new function SsmSipChHold to send the Call Hold or Call UnHold request from SIP channels to the remote end.
	Add a new function SsmSipChTransfer to send the Call Transfer request from SIP channels to the remote end during an ongoing call.
	Add a new function fBmp_SetHeaderFormatA to set the properties of the page header of a .tif formatted fax file to determine the pagination position, the prefix, etc.
	Add a new function SsmCheckMediaChRTPTIMEout to set the timeout value for a specified media channel to receive RTP data from the remote end or checks whether the RTP data reception is overtime.