SynCTI Upgrade Instruction

SynCTI Ver. 5.3.2.1

Release Date: December, 2012

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
DST	Digital Station Tap Boards	DST-24B/PCIe+	Better support the monitoring of BRI lines.
			Newly support Ascotel Intelligate 300 PBX and phone 5380.
			Solve the problem of overflow in parsing LCD and incomplete LCD reception.
		DST-24B/PCI	Newly support CasTool's recording of bit streams from any channel
SHN	VoIP Boards	SHN Series	Newly support setting the reason for call rejection.
			Add a new feature to detect the connection status of the network cable.
		SHN-120B-CT/PCI+	Improve the command control over RTP transmission and reception.
			Newly support VoIP boards with PCIe interfaces.
			Add the callback feature in the registration of VoIP boards.
		SHN-32A-CT/PCI	Improve the driver debugging feature.
IPR	VoIP Boards	IPR Series	Fix the bug that the Master after its reboot cannot connect to the Slaver.
			Optimize the recognization on IP phone's redial key.
			Newly support H.323 protocol.
			Better support the PanasonicMGCP protocol.
DTP	Digital Tap Passive Boards	SHD-120A-CT/PCI/SS7	Newly support the stereophonic recording feature.

		DTP-30C/PCIe+	Solve the problem of repeated number reception under the DASS2 protocol.
SHT	Analog Media Processing & Signaling	SHT-4B/USB	Improve the capability in FSK detection.
		SHT-16C-CT/PCI/FAX	Fix the fax reception failure caused by noise on the fax line.
SHF	Analog FAX boards	SHF-4D/PCI	Newly support setting the faxing rate for designated channels.
			Improve the efficiency of DSP, enhancing stability.
Newly Added Configuration Item	Add a new configuration item IgnoreUserName under the section [SIP] to set whether to enable the feature of ignoring user name.		
	Add a new configuration item AutoDetectRemoteRTPAddress under the section [SIP] to set whether to enable the remote RTP address self-adaptive feature.		
	Add a new configuration item DscpFlag under the section [SIP] to set whether the RTP data package sent by SHN Series B-type board includes the Dscp value.		
	Add a new configuration item DscpValue under the section [SIP] to set the Dscp value of the data package.		
Newly Added Function	Add a new function SsmSs7Mtp2CmdCtrl to send the MTP2 control command on a designated SS7 link.		
	Add a new function SsmSetRcvRegisterCallBack to set the callback function upon the reception of registration message.		
	Add a new function SsmRecStereoToFile to start stereophonic recording task in File Mode.		
	Add a new function SsmStopRecStereoToFile to stop stereophonic recording task.		
	Add a new function SsmChkStereoToFile to query the completion status of the stereophonic recording task.		
	Add a new function SsmIPRGetCallInfo to obtain the information of a designated call.		
	Add a new function SsmSipMsgSetHeader to add a field to the INVITE message for outgoing calls through an IP channel.		
	Add a new function SsmIpGetMessageFieldA to obtain a series of field values from those messages related to the call establishment of a designated channel.		
	Add a new function fPcm_GetDtmfAndMskFromMp3 to parse DTMF and MSK structure information from an MP3 formatted file.		
	Add a new function SsmFaxSetChSpeed to set the maximum rate used to send or receive fax on a designated fax channel.		
Installation Package	Solve the compatibility problem for Windows Server 2012.		
Demo	Enhance the compatibility with tiff files in fax transmission, supporting more kinds of G3 and G4 tiff files.		