SynCTI Upgrade Instruction

SynCTI Ver. 5.3.2.6

Release Date: March, 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	Newly support SIP signaling transmission using UDP and TCP protocols simultaneously.
			Upgrade Linux kernel to Version 333 and improve the voice quality in some network environments.
			Add a new function to support register to IP networks such as IMS.
			Better support HOLD message processing.
			Newly support the RFC2833 self-adaption feature.
SHD	Digital Media Processing & Signaling	SHD Series	Better support the COT (Continuity Signal) message.
DST	Digital Station Tap Boards	DST-24B/PCI	Newly support the BELGACOM PBX.
Newly Added Configuration Item	Add a new configuration item UseSipKB under the section [SIP] to set whether the 180 message is replied by the driver or the application.		
	Add a new configuration item JitterTime under the section [BoardId=x] to set the size of RTP JitterBuffer.		
	Add a new configuration item DspEc under the section [BoardId=x] to set whether to enable the EC feature for DSP and set the echo cancellation effect.		
	Add a new configuration item SipNewRegisterMode under the section [SIP] to set whether to bind the channel with register information.		
	Add a new configuration item UseRport under the section [SIP] to set whether to have the Invite message include the rport field.		
	Add a new configuration item SipBuildBusyReplaceForbidden under the section [SIP] to set whether to adopt the 486 message to replace the 403 or 415 message.		
	Add a new configuration item SipFindRingChFromPreRingCh under the section [SIP] to set whether to search for an idle channel from Ch(N+1) provided the previous ringing channel is Ch(N).		
Newly Added Function	Add a new function SsmSipSendRequestA to send the Notify or Option message in the state of calling.		

	Add a new function SsmCheckBoardIcmp to enable or disable the ICMP feature of the build-in network interface for B-type VoIP boards.
	Add a new function SsmSipRegister to send the Register requests from SIP channels to the SIP Server.
	Add a new function SsmSipStackRegister to send the Register request to SIP Server from SynSIP protocol stack.
	Add a new function SsmSipBindChWithRegInfo to bind a designated channel with register information.
	Add a new function SipUnBindChWithRegInfo to unbind a designated channel from register information.
	Add a new function SsmSipStackUnRegister to cancel the register from SynSIP protocol stack to the SIP Server.
	Add a new function SsmSipStackRemoveRegister to remove the register from SynSIP protocol stack.
	Add a new function SsmSipGetRegInfo to query the register information.
	Add a new function SsmSipMsgSetHeaderA to add a field to the INVITE message for outgoing calls through a designated IP channel.