

# SynCTI Upgrade Instruction

SynCTI Ver. 5.3.1.2

Release Date: December, 2011

## 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   |
|--------------------------------|--|---------------------------------|---|
| UMCT                           | Intelligent Switch   | Boards special-for-switch (SSW) | Add an indicator for each board to tell if it is working or not.  |
| DTP                            | Digital Tap Passive Boards   | DTP-60C                         | Fix the bug that sometimes the recorded file is only 1KB in size.   |
|                                |  | DTP-30C/PCI                     | Publish a new driver configuration tool.  |
| SHD                            | Digital Media Processing & Signaling   | SHD-60C-CT/PCI                  | Fix the bug that sometimes the recorded file in the callback buffer area SsmRecToFileA is bigger than the normal size.                  |
|                                |  | SHD-240E-CT/PCIe/VAR            | Develop out a new digital voice-alteration board which has 240 channels and includes PCIe bus.  |
| DST                            | Digital Station Tap Boards   | DST-24B/PCI+                    | Improve the ability to recognize LCD information of the Nortel PBX  |
|                                |  | DST-24B/PCI                     | Newly support the monitoring on calls with Siemens main phone and handset   |
| SHT                            | Analog Media Processing & Signaling  | SHT-16C-CT/PCI/EC               | Solve the howling problem during the monitoring   |
|                                |  | SHT-8C/PCI/FAX                  | Support the on-/off-hook detection in kewl start  |
|                                |  | SHT-2B/USB                      | Consummate the installation package to eliminate such situation that it is failed to be installed in some of windows operating systems. |
|                                |  | SHT-16B-CT/PCI                  | Support the E/M module  |
| PCM32                          | Recording Board  | PCM128                          | Support the recording of PCM32 lines  |
|                                |  |                                 | Publish the PCM1280E recording board  |
| Newly Added Configuration Item | Add a new configuration item OvrEnrgEventOut under the section [SystemConfig] to set the event filter for E_CHG_OvrEnrgLevel in the driver.                          |                                 |   |
|                                | Add a new configuration item SendSipMsg under the section [BoardId=x] to set the switch for playing voices upon receiving rings to the remote end on an SIP channel. |                                 |   |
|                                | Add a new configuration item CallerAddrInd under the section [TUP] to set the address indicator in the calling line identification field in the IAI message.         |                                 |   |
|                                | Add a new configuration item EnableKewlStart under the section [SystemConfig] to enable the Kewl Start feature to detect remote hangup.                              |                                 |   |
|                                | Add a new configuration item KSVoltageThreshold under the section [SystemConfig] to set the threshold voltage for Kewl Start to detect remote hangup.                |                                 |   |

|                       |   |
|-----------------------|---|
|                       | Add a new configuration item KSCheckTime under the section [SystemConfig] to set the filter time for Kewl Start to detect remote hangup.  |
| Newly Added Function  | Add a new function fPCM_MemMp3ToPcm16 to convert the MP3 formatted data stored in the buffer area to be the 16 Bit PCM formatted data.  |
|                       | Add a new function SsmGetTupParameter to obtain a specified field from the received IAM message. At present this function only supports to obtain the CIC field of the IAM message. |
|                       | Add a new function SsmGetPcm32LineState to obtain the line synchronization status and the signal state. Now this function is only supported for the PCM1280E board.                 |
| Installation Package  | Add an uninstallation tool to the Linux installation package.   |
| Driver                | Support the kernel of Linux 2.6.36 or above.  |
| Configuration Program | Support the configuration item DefaultSpeakVolume for digital boards.   |