Telephony Cards for API

TDM SDK

- Event based sdk that allows full leverage and power of Sangoma signaling and voice stacks.
- Integrated signaling, voice, tone events and I/O
- Higher level API: place call, clear call, read data
- For: MTP2 API, FXO/FXS tapping, ISUP tapping and ISDN Tapping
- Supported Telephony cards: A10X, A116, a200, a400
- Supported signaling types: PRI, BRI (roadmap), SS7, FXO, FXS, GSM
- Supported OS: Windows and Linux

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Legacy Data API

- Data API For Sangoma A101,A102,A104, A108 (E1/T1) and A142 /A144 telephony Cards
- Modes of operation
  - **HDLC**: The sample application runs on top of a hdlc interface and receives HDLC formated frames.
    HDLC framing is done in AFT hardware.
  - **Transparent (Bitstreaming) Mode:** The sample application runs on top of a raw transparent interface and
    receives all bits on the line in configurable block size.
    HDLC framing is turned off in hardware
  - **Protocol API Mode:** The AFT API can run on top of a protocol interface such as: PPP, CHDLC, ATM, Frame Relay.
    Support For S518 ADSL, Multilink PPP, PPPoE over ADSL

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LibSangoma Voice API

- Voice API used to build custom Voice applications over Sangoma telephony cards,on both
  Linux & Windows
- Provides raw HDLC (dchan) framing, and raw ulaw/alaw (bchan) I /O
- Customer application is responsible for signalling protocols and higher layer functions
- Can be used for both network termination or tapping
- Supported on all Sangoma Telephony cards

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FreeTDM Signaling & Voice API

- NOTE: The FreeTDM API is provided strictly AS-IS, with no support from Sangoma.
- It is an API for the FreeTDM project
- It is intended for custom development along with TDM and analog telephony cards
- The FreeTDM API allows you to configure spans and run a given signaling stack on a span
- The intention of the library is to present a consistent API for different telephony signaling stacks and board I/O APIs

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