Plug-in Modules for REDCOM SLICE® Family of Products

- REDCOM SLICE and SLICE 2100 each feature two rear-accessible positions for your choice of modules
- Modules allow you to custom-configure your SLICE to meet your specific needs
- All modules are hot-swappable and can be installed in seconds

**12 PORT LINE MODULE**
- 12 Loop Lines
- Available with RJ-11 connectors (shown above) or a DB-25 connector.
- DTMF receivers & caller-ID senders & echo cancellers
- 24 or 48 volt loop battery (auto-select)
- Meets both ANSI & ETSI standards
- 1200/1900 Ω Loop
- 2 ISDN BRI-S (2B+D) Lines
- Meets both ANSI & ETSI standards
- SESS Protocol
- National ISDN-1
- Euro ISDN
- 1 Test Access Jack

**24 PORT LINE MODULE**
- 24 Loop Lines
- DTMF receivers & caller-ID senders & echo cancellers
- 24 or 48 volt loop battery (auto-select)
- Meets both ANSI & ETSI standards
- 1200/1900 Ω Loop
- 1 Test Access Jack

**ANALOG TRUNK MODULE**
- 10 Loop/Magneto Lines
- Software-selected per circuit as loop or magneto
- DTMF receivers & caller-ID senders & echo cancellers
- 24 or 48 volt loop battery (auto-select)
- Meets both ANSI & ETSI standards
- 1200/1900 Ω Loop
- 2 ISDN BRI-S (2B+D) Lines
- Meets both ANSI & ETSI standards
- SESS Protocol
- National ISDN-1
- Euro ISDN
- 2 E&M/SF Trunks
- Software-selected per circuit to operate in E&M or SF mode
- 2 GSRD/LSRD Trunks
- Software-selected per module to operate in GSRD or LSRD mode
SECURE DEVICE INTERFACE MODULE

- Available only with Military/DoD software loads V4 or higher
- 2 HD-26 connectors per module
- 4 interface ports which work with the following devices:
  - Sectéra® Wireline Terminal (Type 1)
  - TalkSECURE™ (non-Type 1)
- Each port consists of an RS-232 interface and a two-wire audio interface that can be configured as ground or loop start
- Separate audio and call control data to each secure device
- Supports non-secure trunk functionality

MEDIA GATEWAY MODULE

- Works in conjunction with the existing built-in media gateway in the SLICE 2100
- Provides an additional 128 timeslots per module:
  - Allows more simultaneous TDM-IP calls
  - Provides extra bandwidth for gateway applications
  - Enables additional TRANSip capacity, such as tones and announcements
- 1 10/100 Ethernet Port

MULTI-E1/T1 MODULE

- 4 E1/T1 Spans, each with:
  - Software-selectable per span to operate as 100 Ω T1 or 120 Ω E1 interface
  - Independent alarm and loopback indicators for each span
  - Software controlled clock synchronization
  - Can be provisioned as a fractional E1/T1
- 4 general-purpose Digital Signal Processors (DSPs): DTMF, MF/R1, MFC R2, Echo Cancellation
- Support for Primary Rate ISDN
  - 4ESS & 5ESS Protocol
  - National ISDN-1
  - DMS100
  - Euro ISDN
  - Integrated SS7 support (8 links per board with software V4 or higher)

RADIO INTERFACE MODULE

- Requires software V4 or higher
- Audio Levels: Mic or 600 Ω with additional gain/loss controls
- Outgoing key methods:
  - PTT
  - VOX
  - DTMF
  - Permanent
- Incoming key methods:
  - COR or VOX
  - External PTT
- Administrable voice delay on transmit (allows for preambles and for scanners to lock to a channel)
- Half-Duplex or Full-Duplex operation
- Secure Modes of Operation
- Visual indicators for Transmit and Receive status
- External Speaker outputs and remote dial-up monitoring (listen only)
- Provisional tones:
  - New user alert
  - End of Transmission
  - End of Reception
  - Echo Cancellers
  - Pressel-like DTMF keying