

REDCOM SLICE® 2100™ Version 3.1 for Commercial Applications

Standard and Optional Features

The following are the available software features for the SLICE® 2100™ voice switching system.

Some of the features listed here are configuration-dependent and optional, and they may be ordered separately.

Standard Features

■ TRANSip® IP Technology Suite

- ◆ Domain Name System (DNS)
- ◆ Dual Stack IP (IPv4, IPv6)
- ◆ Dynamic Host Configuration Protocol (DHCP)
- ◆ IP Bandwidth Management
- ◆ IP Trunking
- ◆ Legacy Interface Support
- ◆ Media Gateway
- ◆ Network Time Protocol (NTP)
- ◆ Select SIP-based features
- ◆ Silence Suppression
- ◆ SIP Call Controller/Call Manager
- ◆ VLAN Tagging
- ◆ Voice Compression (G.711, G.723.1, G.726, G.729AB)
- ◆ VoIP
- ◆ VoIP Phones Support Legacy Features

■ 911 Service

■ Account Codes

- ◆ Allows Identifying Digit Strings to Be Appended to Call Records

■ Administrative Package

- ◆ Editing, Storage of Unactivated Change
- ◆ Open Database Access
- ◆ User-Friendly Administration Using PC or VT-100 Terminal

■ A-Law/ μ -255 Law PCM Conversion

■ Automated Call Processing (ACP)

■ Automatic Callback

■ Automatic Call Distributor (ACD)

■ Basic Rate Interface (BRI S-Interface)

■ Broadcast Ringing

■ Busy Trunk Auto-Callback

■ Call Coverage

■ Call Forward Override Dial Code

■ Call Hold

■ Call Park

■ Call Pickup

■ Call Return

■ Call Waiting and Camp-On

■ Caller ID (Name and Number Delivery)

■ Change Number Announcements

■ CLASS™ Features

- ◆ Anonymous Call Rejection
- ◆ Calling Number Delivery Blocking
- ◆ Customer-Originated Call Trace
- ◆ Distinctive Ringing/Call Waiting Tone
- ◆ Selective Call Forwarding/Acceptance/Rejection

■ Class of Service Groups

■ Conferences (Preset, Meet-Me, Progressive)

■ Dial Pulse Operation

■ Digital and Analog Data Protection

■ Digital Announcements

■ Digital Pad Control

■ Direct Inward Dialing

■ Direct Inward System Access

■ Direct Outward Dialing

■ DTMF Tones

■ E-mail Support

- ◆ Database Files Can Be E-mailed To or From the Switch
- ◆ Script Files Can Be E-mailed to the Switch for Remote Execution
- ◆ Send Maintenance Notes and Traffic Dumps to Any E-mail Address
- ◆ Users on the Switch Can Send/Receive E-mail Separated by User Name

■ Emergency Call Routing

■ Euro-ISDN

■ Fast Dial on Trunks

■ Flexible Dialing Translator

- ◆ Office Codes
- ◆ Selectively Start Dialing on Dial Tables
- ◆ Separate Intercept Treatments for Pre- and Post-HMX Dialing

■ Flexible R2 Backward Digit Mapping Tables

■ Flexible System Timers

■ Flexible Tone Tables

■ FXO/FXS Support

■ Hardware Features

- ◆ 48-Hour Protected RAM
- ◆ DC Power Supply (-48 VDC Only)
- ◆ Dual SRAM PCMCIA Card Slots
 - Field Updates and Upgrades of Software Load and Database
 - Save and Restore Capabilities
- ◆ Ethernet Interface
- ◆ Field-Replaceable Modules
- ◆ Serial Interface (Dual RS-232/9-Pin)

■ Hidden Dial Codes

■ Hunting, Station and Trunk

■ Incoming Caller ID

■ Individual Trunk Selection

■ Issue Test Commands to Ports

■ Last Number Called/Saved Redial

■ Message Waiting Services

■ MF Register Signaling

■ Multi E1/T1 Interfaces

■ Multi-Level Users

- ◆ Allows Levels of Access and Control for Assigned Users to Perform System Administration

■ Multiple Home Exchanges

■ Multiple Stations (Directory Numbers and Classes of Service) on a Single Line

Talk to the communications experts at REDCOM

For more information about how REDCOM can create a reliable solution for you, call us today at +1.585.924.6500, or e-mail sales@redcom.com

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- National ISDN-1 BRI Phone Support
- Note Filtering
- Note Logging Facility
- Off-Hook Service
- Off-Hook Service on Trunk Groups
- Pad Switching
- PIN Number Authorization
- Prerecorded Announcements
- Preset Conferences
 - ◆ Attributes for Each Member (Pad, Hold, Announcement, Re-Enter, Initiate)
 - ◆ Conference Chaining
 - ◆ Loudest Party Talker
 - ◆ Maximum Number of Members
 - ◆ Optional Password Protection
- Primary Rate Interface (PRI)
- Priority Call Indications
- Priority Override (Conferenced/Non-Conferenced)
- R2 Interregister Signaling
- R2 Line Signaling
- REDCOM BASIC Programming Language
- REDCOM ClusterNet™
 - ◆ Host/Remote for Integrated Network Operation
 - ◆ PCM and Control Paths Between Independent Sites/Switches
- REDCOM Shell (RSH) Operating System
 - ◆ Audit Files
 - ◆ Directory Structure Commands
 - ◆ File Manipulation Commands
 - ◆ On-Line Help
 - ◆ Script Files, Macros
 - ◆ Text File Import and Export
- Remote Administration and Diagnostics
- Remote Call Forwarding (Call Following)

- Remote File Access
- Remote Software Upgrades
- Remote Station Logon
- Route Tables with Access Codes
 - ◆ Alternate Routes
 - ◆ Delete and Hops Count
 - ◆ Outpulse Maximum
 - ◆ Prefix Digits
 - ◆ Send Auto Number Identification (ANI)
 - ◆ Traveling Class Mark (TCM)
- Selective Station Disable
- Stackable up to two units
- Station Message Detail Recording (SMDR)
- System Speed Dialing
- Tandem R2 Interregister Signaling
- Tandem Repeater Operation
- Tandem Trunk Calls
- Time of Day Database Changes (Least Cost Routing)
- Toll Restriction with Wildcard Characters
- Tone/Dial Pulse Conversion
- Transfer with Consultation Hold
- Trunk-to-Trunk Answer Return Class Mark
- Trunk-to-Trunk Connection Control
- Two PIC Equal Access
- Universal Numbering Plan
- User Defined Announcements
- User Jobs
 - ◆ Administration (ADM)
 - ◆ Database Generation (GEN)
 - ◆ Database Upload/Download (XLD)
 - ◆ Maintenance (MANT)
 - ◆ Notes (NOTE)
 - ◆ Reprogram Memory (BURN)
 - ◆ Traffic Usage Report (TDMP)

- User Level Security
 - ◆ Time of Day/Day of Week
 - ◆ Password complexity control
 - ◆ Password renewal scheduling
 - ◆ SSL support
- User Recorded Announcements
- View
 - ◆ Circuit/Hardware Data
 - ◆ Live/Historical Notes
- Wake Up Services
- Warm Line Service

Optional Features

- Fax over IP (FoIP): T.38
- Graphical Traffic Metering Package (GTMP)
- GR-303
- Lawful Intercept (CALEA)
- Maintenance and Administration User Interface (MAUI)
- Modem over IP (MoIP): V.150.1
- Scalable Operator Platform
- Signaling System 7 (SS7)
- SLICE 2100 Line Module
 - ◆ Echo Cancellation
- SLICE 2100 Line/Trunk Module
 - ◆ Echo Cancellation
 - ◆ E&M/Single Frequency Trunk
 - ◆ GSRD/LSRD Trunk
 - ◆ Magneto Line/Trunk Interface
- SLICE 2100 Multi-E1/T1 Module
 - ◆ 4 additional E1/T1 spans
- V5.2

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