

REDCOM SLICE®

Selected Carrier Class Features and Capabilities

The following are the available software features for the REDCOM SLICE voice switching system. The latest versions are listed first. Unless otherwise noted, features from previous versions are cumulative. For example, Version 2.0 includes its new features plus the baseline features of Version 1.0. Some of the features listed here are configuration-dependent and optional, and they may be ordered separately.

Version 3.1

- Flexible tone generation for international call progress tones
- Multi E1/T1 Module
 - ◆ Single Module with up to 4 spans, each can be configured in the field as T1 or E1 interfaces
 - ◆ Onboard DSP supports in-band signaling protocols and echo cancellation
- Recording of Announcements

Version 3.0

- Domain Name System (DNS)
- Dual Stack – IPv4 and IPv6
- Dynamic Host Configuration Protocol (DHCP)
- Network Time Protocol (NTP)

Version 2.0

- E&M/Single Frequency Trunk
- GSRD/LSRD Trunk
- Magneto Line/Trunk Interface

Baseline Features: Version 1.0

- Account Codes
 - ◆ Allows Identifying Digit Strings to be appended to Call Records
- Administrative Package
 - ◆ User-Friendly Administration Using PC or VT-100 Terminal
 - ◆ Open Database Access
 - ◆ Editing, Storage of Unactivated Changes
- A-Law/ μ -255 Law PCM Conversion
- Automatic Callback
- Automatic Call Distributor (ACD)

- Automated Call Processing (ACP)
- 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
- CLASSSM Features
- Selective Call Forwarding/Acceptance/Rejection
- Distinctive Ringing/Call Waiting Tone
- Anonymous Call Rejection
- Calling Number Delivery Blocking
- Customer-Originated Call Trace
- Class of Service Groups
- Computer Telephony Integration (CTI)
- Conferences (Preset, Meet-Me, Progressive)
- Dial Pulse Operation
- Digital Pad Control
- Direct Inward System Access (DISA)
- Direct Inward Dialing (DID)
- Direct Outward Dialing (DOD)
- Digital and Analog Data Protection
- Digital Announcements
- DTMF Tones
- Echo Cancellation

- E-Mail Support
 - ◆ Database Files Can Be E-mailed To or From the Switch
 - ◆ Send Maintenance Notes and Traffic Dumps to Any E-mail Address
 - ◆ Script Files Can Be E-mailed to the Switch for Remote Execution
 - ◆ Users on the Switch Can Send/Receive E-mail Separated by User Name
- Emergency Call Routing
- Euro-ISDN
- Fast Dial on Trunks
- Flexible System Timers
- Flexible Tone Tables
- 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
- FXO/FXS Support
- Graphical Traffic Metering Package (GTMP)
- Hardware Features
 - ◆ Ethernet Interface
 - ◆ Serial Interface (Dual RS-232/9-Pin)
 - ◆ Field-Replaceable Modules
 - ◆ 48-Hour Protected RAM
 - ◆ DC Power Supply (-48 VDC Only)
 - ◆ Dual SRAM PCMCIA Card Slots
 - Save and Restore Capabilities
 - Field Updates and Upgrades of Software Load and Database
- Hidden Dial Codes
- HTTP Server
 - ◆ Acts as Web Server
 - ◆ CGI Support to BASIC
- Hunting, Station and Trunk
- Incoming Caller ID
- Individual Trunk Selection

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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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- Issue Test Commands to Ports
- Last Number Called/Saved Redial
- Link Command System/Scalable Operator Platform
- Maintenance and Administration User Interface (MAUI)
- Message Waiting Services
- MF Register Signaling
- Multi E1/T1 Interfaces
- Multiple Home Exchanges
- Multi-Level Users
 - ◆ Allows Levels of Access and Control for
 - ◆ Assigned Users to Perform System Administration
- Multiple Stations (Directory Numbers and Classes of Service) on a Single Line
- 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
- Preset Conferences
 - ◆ Conference Chaining
 - ◆ Optional Password Protection
 - ◆ Loudest Party Talker
 - ◆ Maximum Number of Members Attributes for Each Member (Pad, Hold, Announcement, Re-Enter, Initiate)
- Prerecorded Announcements

- Primary Rate Interface (PRI)
- Priority Call Indications
- Priority Override (Conferenced/Non-Conferenced)
- REDCOM BASIC Programming Language
- REDCOM ClusterNet™
 - ◆ PCM and Control Paths Between Independent Sites/Switches
 - ◆ Host/Remote for Integrated Network Operation
- REDCOM Shell (RSH) Operating System
 - ◆ File Manipulation Commands
 - ◆ Directory Structure Commands
 - ◆ Text File Import and Export
 - ◆ Audit Files
 - ◆ Script Files, Macros
 - ◆ On-Line Help
- 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)
- R2 Interregister Signaling
- R2 Line Signaling
- Selective Station Disable

- Station Message Detail Recording (SMDR)
- System Speed Dialing
- Tandem Repeater Operation
- Tandem Trunk Calls
- Tandem R2 Interregister Signaling
- 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
- TR-8 POTS FXO Emulation
- Two PIC Equal Access
- 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)
- Universal Numbering Plan
- View
 - ◆ Live/Historical Notes
 - ◆ Circuit/Hardware Data
- Wake Up Services
- Warm Line Service
- 911 Service

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