REDCOM SLICE® IP V5.1 Features & Specifications

PHYSICAL SPECIFICATIONS
- Width: 19 in rack mount; 17.5 in / 44.5 cm
- Height: 1U 1.75 in / 4.4 cm
- Depth: 17.5 in / 45.5 cm
- Weight: 13 lbs. / 5.9 kg
- Power:
  - −42.5 to −56.5 VDC (positive ground reference)
  - Maximum current draw: 0.8 A
  - 100/220 VAC, 50–60 Hz (external rectifier)
- Environment
  - Operating temperatures: 32–122 °F / 0–50 °C ambient
  - Operating humidity: 5%–90% (non-condensing)

SYSTEM ARCHITECTURE
- Distributed Control
- Carrier-Class Reliability: 99.999% ("five nines")
- Two 10/100 Ethernet Ports
- Serial Interface (Dual RS-232/9-Pin)
- 48-Hour Protected RAM
- Stackable up to 3 units (up to 9,000 IP subscribers)

SYSTEM FEATURES
- Administrative Package
- Call Records SMDR/CDR/LAMA
  - Bellcore AMA Format (BAF)
- Emergency Services (911)
- Least Cost Routing
- Local Number Portability (LNP)*
- Multiple Home Exchanges
- Percentage Trunking
- REDCOM ClusterNet™: host/remote for integrated network operation
- Three PIC Equal Access*
- Toll Restriction
- User Defined Announcements
- Voice Mail System Interface*

NETWORK MANAGEMENT
- E-Mail: maintenance notes and traffic usage reports to any e-mail address
- Management of multiple systems via REDCOM MAUI
- SNMP support for alarms and system monitoring

CLASS℠ & BILLABLE FEATURES
- CLASS Features
- Automatic Call Distributor (ACD)*
- Automated Call Processing (ACP)
- Broadcast Ringing
- Call Screening & Privacy Features
  - Anonymous Call Rejection (ACR)
  - Selective Call Rejection (SCR)
  - Selective Call Acceptance (SCA)
  - Telemarketer Do Not Disturb (TDND)
- Caller ID (Name and Number Delivery)
- Conferences
  - Conference Control
  - Preset, Meet-Me, Progressive
  - Optional Password Protection
  - Loudest Party Talker
  - Firebar
- Customer-Originated Call Trace
- Hotlines
- IP Centrex
- Single Number Services (Find Me)

ACCESS SOLUTIONS
- Broadband Loop Carrier (BLC)
- MSAN
- SIP

REDCOM TRANSIP® IP TECHNOLOGY SUITE
- Up to 3,000 registered IP subscribers per unit
- SIP Call Controller/Call Manager
- SIP Trunking
- Dual Stack IP (IPv4, IPv6)
- Audio Streaming RTP (RFCs 3550, 3551, 3389)
- Comfort Noise Generation
- DHCP client
- DNS client
- Echo Cancellation: G.165, G.168 (up to 128ms)
- Fax over IP (T.38) and Modem over IP (V.150.1)*
- IMS Compatible
- IP Bandwidth Management
- MGCP/NCS Line Support (Packetcable 1.5)
- Network Time Protocol (NTP)
- QoS: IP Differentiated Services (DiffServ) marking
- RFC 3261, 3326, 4028
- SDP Manipulation
- Silence Suppression
- SIP support for CLASS lineside features
- System CRON Timers
- Telephony Tones: RFC 4733
- VLAN Tagging
- VoIP (SIP standards-based)

CODECS
- G.711A&μ (64kbps PCM)
- G.722.1 & G.722.2 (HD Voice)
- G.723.1H&L
- G.726 (16, 24, 32, 40kbps ADPCM)
- G.729A&B (8kbps CS-ACELP)
- iLBC
- RFC4040 (64 kbps)

COMPLIANCE
- CALEA: TIA J-STD-025A and J-STD-025B*
- Electromagnetic compatibility: FCC Part 15 Class A

SECURITY
- Distributed Control
- PIN Number Authorization
- Priority Override
- RADIUS Authentication
- SRTP
- TLS
- User Level Security

APPLICATION DEVELOPMENT
- Application Programming Interface (API)
- Computer Telephony Integration (CTI)
- External Database
- Host Control Interface

ANCILLARY PRODUCTS
- Maintenance and Administration Graphical User Interface (MAUI)
- Link Command System (LCS): Operator/Directory Assistance