



directPacket Research IPC-R Secure IP Communication Router

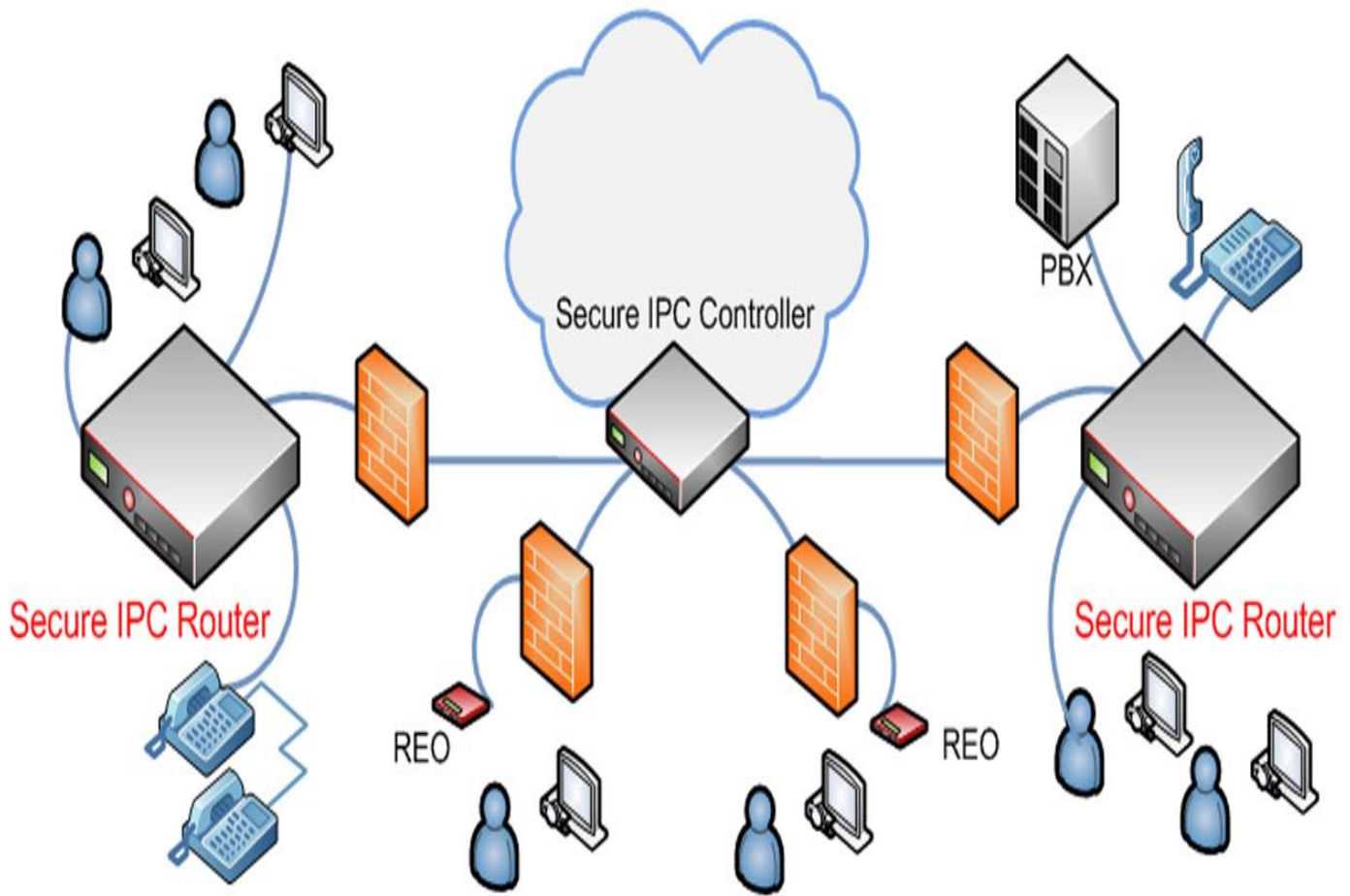
- Single stream TCP port
 - Default port 443, An alternate port may be selected
- Security
 - AES 256 bit Encryption
 - Encapsulated TLS/SSLv3 TCP only traffic
 - Registration/Registrar Restrictions
 - Block and restrict IP Address
 - Hardened internet facing device
 - Integrated Firewall functionality
 - Preserve confidentiality
 - Signaling and media validation
- Transport Protocol
 - Protocol normalization and interoperability for SIP and H.323
 - Transparent to the end user
- Application examples
 - Advanced routing configurations
 - 4 X 1 Gigabit Ethernet adapters
 - Facilitate IP communications without bridging networks
 - Firewall traversal
 - Single TCP port
 - Encapsulated TLS/SSLv3 TCP only traffic
 - Traverse one or many firewalls
 - E164 dialing
 - URI dialing
 - Auto Attendant
 - Bandwidth management
 - NAT traversal
 - Liberate public IP addresses
 - Integrated H.323 Gatekeeper/Gateway
 - Network planning
 - Integrated SIP Trunk/Gateway/Proxy
 - Simplify Infrastructure and ACL's
 - CDRs
 - Accounting (billing)
 - Expand reach of linked PBX Services via IP
 - Blind Transfer
 - Call Detail Records
 - Call Forward on Busy
 - Call Forward on No Answer
 - Call Routing (DID)
 - Call Transfer
 - Call Waiting
 - Caller ID
 - Caller ID on Call Waiting
 - Message Waiting Indication (MWI)
 - Music On Hold
 - Music On Transfer
 - Supervised Transfer
 - Three-way Calling
 - Voicemail
- Web GUI
 - SSL - HTTPS
 - SSL certificate management
 - IP Access control
 - ACL - manage user permissions per device
 - Centralized system management
 - Remote control entire community via Secure IPC controller
 - Upgrade all community devices

The Direct Packet Research **Secure** Internet Protocol Communications (IPC) platform is a turn-key solution which consists of the **Secure** IPC Controller and an IPC Router. These devices when used in conjunction with one another facilitate the simplified integration of an IP video and/or audio (VoIP) network topology. The IPC Platform provides the basis of a **secure**, robust and easily managed IP communications environment with a multitude of functionality.

The IPC Router is an intelligent and robust internal network (LAN) device. Its primary functions are to facilitate the routing, signaling and media validation of IP video and audio (SIP/H.323) packets without modifying or impeding the integrity of such packets. As with the **Secure** IPC Controller, each IPC Router also features an intelligent integrated H.323 gatekeeper (HR series router) and/or SIP registrar (SR series router) for providing seamless interoperability with a myriad of devices regardless of their native transport protocol version or requirements. IPC Routers also make provisions for a mixed protocol environment (MR series router) when it is required or necessary to facilitate a translation between transport protocols. Its communication includes:

- (SIP/H.323) enabled PBX
- MCU
- Video endpoints
- Gatekeepers
- Proxies and gateways

The IPC Router has the ability through its advanced patent pending routing technology to provide non-bridged resolution of isolated and disparate internal networks. The IPC Router is an indispensable tool when designing or updating networks that have been limited or never at all capable of **secure** IP communications. The IPC Router minimizes the time required of administrators for management and configuration, as well as offloading the majority of mandatory ACL's and routing policies needed by traditional networking devices to facilitate **secure** IP video and audio communication. When paired with an IPC Controller the IPC Router becomes the initializing appliance within the **Secure** IPC Communications Platform.



HR50	IPC Router for H.323 Max 5 Video Traversal Calls OR 50 Audio Calls
HR100	IPC Router for H.323 Max 10 Video Traversal Calls OR 100 Audio Calls
HR200	IPC Router for H.323 Max 20 Video Traversal Calls OR 200 Audio Calls
HR300	IPC Router for H.323 Max 30 Video Traversal Calls OR 300 Audio Calls
SR50	IPC Router for SIP Max 5 Video Traversal Calls OR 50 Audio Calls
SR100	IPC Router for SIP Max 10 Video Traversal Calls OR 100 Audio Calls
SR200	IPC Router for SIP Max 20 Video Traversal Calls OR 200 Audio Calls
SR300	IPC Router for SIP Max 30 Video Traversal Calls OR 300 Audio Calls
MXR50	IPC Router for Multi Protocol (H.323 to SIP) Max 5 Video Traversal Calls OR 50 Audio Calls
MXR100	IPC Router for Multi Protocol (H.323 to SIP) Max 10 Video Traversal Calls OR 100 Audio Calls
REO	REO Remote Executive Office - Single Unit Registration up to 768Kbps (H.323) Desktop format 6"x6"x1". Includes carry case
REOHD	REO HD - 5 Unit Registrations. Three traversal calls up to 5 Mbps (H.323) Desktop format 6"x6"x1". Includes carry case



directPacket
Research
IPC-R
Secure IP Communication
Router

Direct Packet Research HQ
4545 Fuller Drive
Suite 326
Irving, Texas USA 75038
Tel: 1-800-278-1087
Fax: 972-580-8435
Video: 24.227.210.230
sales@directpacket.com