

Networking			
	Networking / Routing	- Port Forwarding	- WEP, WPA, WPA2 authentication
	- Static routing on the LAN and WAN	- MAC-IP assignment	- 802.1x local authentication
	- DHCP Server with multiple ranges	- VLAN support	- 802.1x remote RADIUS authentication
	- DNS Server (Master and Forward)	- WAN MTU size configuration	- Wireless MAC filtering
	- Dynamic DNS client	WLAN Interface	WAN Interface
	- Hostname and domain assignment	- Wi-Fi (802.11b/g) embedded AP*	- Ethernet 10/100/1000Mbps
	- NAT / PAT Address Translation	- Wi-Fi access controller (external APs)	- UMTS/HSDPA, Triple Band 3G (optional card)
			- DHCP Client
		- Static IP	
		- PPPoE	
		- LAN Interface	
		- Ethernet 10/100/1000Mbps	
		- DMZ Interface	
		- Ethernet 10/100/1000Mbps	
VoIP and IP-PBX			
	- VoIP Protocols: SIP/IAX/IAX2	- Do not Disturb	- Free codecs: G.711u/a, Dialogic ADPCM, Speex, G.726, iLBC, H261, H263, H263p, GSM
	- PSTN interfaces: PRI, BRI FXS/EXO (optional cards)	- Caller ID	- Commercial codecs: G.729a (with license management)
	- Legacy PBX integration through BRI/PRI	- Music on Hold	- Mail-2-fax and fax-2-mail
	- Incoming call rules	- Call Queuing	- 3-way conference calls
	- DID call routing	- Hunt Groups	- Mobile Twinning
	- Interactive Voice Response (IVR)	- Agent Management	- DISA
	- Graphical IVR editor	- Voice-mail	- Phone auto configuration
	- Sound Manager	- Voice-mail to email notification and playback	- Call Recording
	- Outgoing call prefix management	- Automatic Call Distribution (ACD)	- Phone Groups Configuration
	- Least Cost Routing (LCR)	- Digital Receptionist / Web operator panel	- Whisper / Channel monitoring
	- VoIP Provider management	- Follow-me feature for user extensions	- ICR - Incoming Call Rules Management
	- SIP Proxy support	- User Profiles with call permissions	- Intercom (Paging / Auto-answer)
	- Remote switch management	- Allow/deny IP per extension	- Group call pickups
	- Telephone Number Mapping (ENUM)	- IP phones and SIP status	- Automatic PSTN fallback
	- Call Parking	- DTMF (rfc2833, trunks info, inband)	- Add T.38 Fax pass-through
	- Call Forwarding	- Call routing between remote edgeBOX switches (branch offices)	
	- Conference Bridging		
			Graphical Operator Panel
		Allows you to view:	
		- Which extensions are busy, ringing or available	
		- Who is talking and to whom	
		- SIP and IAX2 registration status (Greys out if offline)	
		- MeetMe room status (number of participants)	
		- Queue status (number of users waiting)	
		- Parked channels	
		- Logged in Agents	
		And perform the following actions:	
		- Hang-up a channel	
		- Transfer a call leg via drag and drop	
		- Initiate calls via drag and drop	
		- Barge in on a call using drag and drop	
		- Drag and drop to create an agent	
		- Manage queues	
Security			
	Stateful Inspection Firewall	- Built-in support for most popular services	- Provides protection from replay attacks
	- Provides enterprise-grade firewall protection	- No predefined limit on the number of rules	- LAN host deny/allow lists
	- Filter on source and/or destination IP address/port	Virtual Private Networking	- LAN services deny/allow lists
	- Authentication and authorization enforcing	- VPN protocols: IPSec, PPTP, L2TP	- IPSec VPN Firewall to control tunnel access
	- Filter on SYN, ACK flags and ICMP	- No pre-defined limit on IPSec VPN tunnels	- PPTP Server with local or remote authentication
	- Service filtering	- 3DES and AES encryption	- L2TP client
	- Black lists	- SHA-1 and MD5 authentication	Antivirus and anti-spam
	- Proxy ARP	- Internet Key Exchange (IKE) - Aggressive Mode	- Free antivirus: ClamAV
	- DoS - Denial of Service protection	- Perfect Forward Secrecy (DH Group 2 and 5)	- Commercial: McAfee, Sophos
			- License management
		- File shares scan	
		- Email scan	
		- Email anti-spam based on RBLs	
		Content filtering	
		- By domain name	
		- By keyword in URL	
		- Third part URL categorization and filtering list	
Network Access Control (NAC)			
	- Authentication, Authorization and Accounting	- Remote LDAP authentication	- 802.1x authentication with dynamic VLAN assignment
	- Local Authentication	- Remote AD authentication	- Access Control per user, service, IP
	- Embedded RADIUS and LDAP Server	- User import from CSV, LDAP, AD	- Access Control per time schedule
	- Remote RADIUS authentication/accounting	- Captive login Portal	- Access Control per network
			- Guest Access
		- Single sign on for 802.1X	
		- Single sign on for Windows users (PDC option)	
		- Access Profiles	
Bandwidth Management (QoS)			
	- QoS on WAN	- Diffserv (AF and EF)	- Predefined upload/download classes
	- DSCP marking on the WAN	- CBQ, GRED, TBF, SFQ Traffic prioritization	- Reserved bandwidth classes
	- Inbound and Outbound QoS	- Policies per user, groups, ports, protocol	- Configurable traffic prioritization policies by: addresses, users, groups, port, protocol
Integrated Management			
	Administration	- Configuration using HTTP, HTTPS	Software Updates
	- Intuitive browser-based GUI	- Configuration using serial console, SSH, CLI	- Automatic download from central update server (update.edgebox.net)
	- Two-level administration: Service Provider admin (super) and Local administrator admin (fully controlled)	- Syslog client, syslog server support	- Configurable Automatic/Manual update
	- Service Provider Configuration and Management Interface	- SNMP v1/2/3	- Notifications for service shutdown and service restart for planned maintenance
	- Multilanguage support	- NTP client	
		- edgeBOX Enterprise SNMP MIB	GUI Customisation
	- System Crash Analyzer	- User landing/authentication page customisation	
		- Management interface customisation (logos, colors, messages)	
		Detailed Reporting	
		- Real-time and statistical	
Storage and Print			
	- Windows SMB support	- Disk quota management	- Scheduled backups
	- Public share management	- Disk backup/restore management	- USB Printer sharing
	- User home and temporary shares	- Local USB drive, remote FTP and NAS backup support	
Collaboration Services			
	Windows interoperability	- Web Caching / Transparent Proxy	- Web mail support
	- PDC - Primary Domain Controller Service	- SMTP, POP3, and IMAP servers	User self service Portal
	- WINS - Windows Internet Naming Service	- POP3s and IMAPs servers	- Email vacation setup
	- Single sign on for Windows users	- SMTP relay support	- Email forwarding
	Email and web	- Remote mail storage	- Voice mail setup
	- HTTP, HTTPS, and FTP Server	- Email aliases	- View and Play voicemail
	- Self-signed self generated x509 certificates	- Multiple email domains	- Password change
	- User directories / home pages	- Ban lists	- Phone Directory
	- Virtual Hosts	- Email relay lists	- Call forward and twinning setup
			- Default self service page at www.myedgebox.com
		Optional Service Packs (edgePACKs)	
		- Controlled API for new service deployment.	
		- edgePACKs available include:	
		edgeLMS Learning Management System	
		edgeExchange Advanced Groupware Collaboration Framework	
		edgeOPERATOR User and Receptionist Console	
		edgeDESKTOP Desktop Client Management	
High Availability			
	Redundancy / Fault Tolerance**		

* Available on Office SOHO and Office only. ** Options included with or available on all models. Contact factory or your authorized representative for details.

About Critical Links

Critical Links is a global provider of converged voice, data and IT solutions for Small and Medium Businesses (SMBs) that dramatically simplify and cost-reduce by consolidating over a single scaleable and fault-tolerant platform. Critical Links' flagship product, the edgeBOX™ is an award winning multi-function gateway appliance that includes VOIP/IP-PBX, VPNS, security, NAC, QoS and a Wi-Fi access point as well as a fax-server, web server, e-mail server, print server and data storage; it is available on a range of hardware platforms that support up to 300 users, with different form factors and a host of broadband interfaces such as BRI/PRI(T1/E1), FXO/FXS, Ethernet, etc. Critical Links typically serves SMBs through a global network of VARs, System Integrators, OEMs and Service Providers. For more information:



Headquarters
Critical Links Inc.
695 Route 46 West,
Fairfield, NJ 07004
United States of America
Phone: +1 973 276 9006
sales@critical-links.com

R&D
Critical Links SA
Pq. Industrial de Taveiro, Lt. 48
3045-504 Coimbra
Portugal
Phone: +351 305 507 541
sales-emea@critical-links.com

www.critical-links.com info@critical-links.com

