



ROUTER



QUALITY OF SERVICE



WIFI



STORAGE & PRINT



VOIP



NETWORK ACCESS



SECURITY



COLLABORATION

Delivering a Complete Voice and Data Network to SMEs



edge**boxx**
all the network in a box

Affordable Multiservice Business Gateway
Reliable Broadband Managed Services
Intelligent Customer Premises Equipment



edgeBOX is a multi-function business gateway that consolidates data, voice and IT services for small and medium sized businesses.

edgeBOX effectively replaces an average of 8 devices, dramatically simplifying deployment and management of networking services, with significantly lower Total Cost of Ownership (TCO).

edgeBOX is available in a wide range of scalable hardware platforms, including standard servers, and has the best feature to price ratio in the market, making it the ideal choice for cost savvy SMEs.

The edgeBOX Business Gateway offers a unique value proposition in the form of an all-in-one device providing an unprecedented range of voice, data, networking and security services to SMEs.

Having access to state-of-the art technology in a pre-configured and integrated form, with the option of outsourcing management to a service provider, allows companies to focus on their core business instead of their Network, Voice and IT infrastructure.



Telecom Service Providers and Managed Service Providers can offer edgeBOX as a service to their SME customers

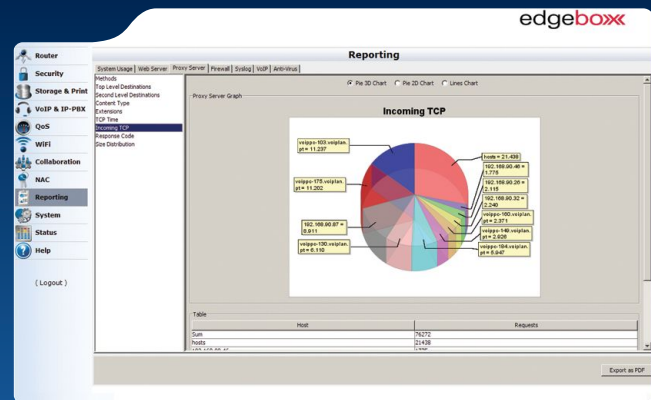
edgeBOX leverages open-standards and a Linux-based architecture allowing Service Providers to deploy a large set of value-added services today, while retaining the capability to deliver tomorrow's applications and services using the very same platform.

With edgeBOX, SMEs no longer require expensive in-house ICT staff to administer their networks; managed service providers can take care of everything remotely, for a fixed monthly fee.

edgeBOX also enables network equipment vendors to go to market faster, reduce market entry costs, and increase ROI

The edgeBOX software platform enables network equipment vendors to rapidly develop new "all in one" SME business gateway products. The platform can easily be deployed across various "silicon" vendor's platforms, operating systems and hardware from other third-party component vendors, allowing customers to choose platforms that optimise time-to-market, costs, and performance.

The range of integrated services provided by edgeBOX business gateways offer a host of business benefits.



Simple network deployment

Creating a LAN and connecting it to your company's WAN, the Internet and the PSTN phone system has never been easier. edgeBOX sits on the edge of these networks, providing a secure gateway that is simple to deploy and easy to maintain.

Enterprise-level security

Simple can't mean insecure. edgeBOX keeps its promise by bringing together simplified networking with top-quality security services.

Data and applications accessible through edgeBOX, either via physical links or VPNs, are protected by enterprise-grade firewall software, guarding your network from suspicious data packets and denial of service attacks. By customising the firewall, you can make sure that security levels are matched to your network's specifications.

Since users can be forced to authenticate at the firewall level before accessing any services, and any activity running through edgeBOX is logged, you have control and accountability over anyone, anywhere, anytime.

Integrated voice and data

edgeBOX provides a complete converged voice and data network platform with associated cost savings in terms of reduced capex on infrastructure equipment, fewer resources needed for network management and lower, or free, call rates.

Interactive voice menus, voicemail, call queuing and many other features that only larger enterprises could afford are now made available to SMEs via edgeBOX's fully featured IP-PBX. Together with its ability to connect to any incoming phone lines (analogue, basic or primary rate digital), to interface with legacy PBX systems, phones and fax machines and to provide top quality voice calls guaranteed by in-built QoS, edgeBOX provides a leading-edge telephony solution that can make the smallest company seem like a multinational enterprise.

Secure management and reliability

edgeBOX can be locally or remotely managed via a secure web-based GUI. Tight monitoring and control over network resource usage, including logging, statistics, accumulated history and even remote logging support through syslog, means you can always quickly locate and rectify a problem.

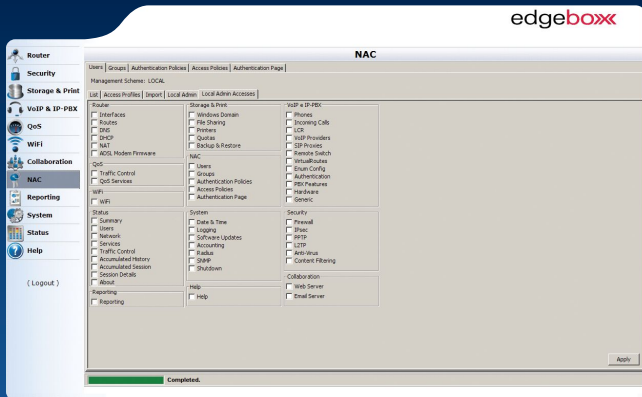
Network dependability is of paramount importance no matter what the size of your business. edgeBOX is built around a robust Linux kernel renowned for its stability and resilience, while the hardware platforms chosen for edgeBOX are from leading brand names in the server business with solid reputations in providing robust equipment for business critical systems.



edgeBOX Appliances

Model	Hardware	REC # Users
Office Appliance	Set-top box	1-40
Business Appliance	2U rack-mountable	40-100
Enterprise Appliance	high-end, 2U rack-mountable	100-300
Hardware Options	WiFi ISDN BRI and PRI single, dual or quad span FXO/FXS up to 12 ports per card	

Services provided by the edgeBOX today include:



Data Networking

- High speed internet access via ADSL, Cable, or 3G
- LAN and Wireless LAN networking
- Wide Area Network (WAN) capabilities between sites

Voice

- VoIP Gateway for routing between PSTN and IP networks
- IP Private Branch Exchange (IP PBX) with a comprehensive feature list for inbound and outbound call management

Security

- Virtual Private Networks (VPNs) based on IPSec, PPTP and L2TP for site-to-site and tele-workers respectively
- Authorisation, Authentication, and Accounting (AAA) providing complete control and auditing of network resources
- Firewall management; either basic or authenticated statefull firewall for each external link and VPN
- Anti-Virus protection based on both open source (ClamAV) and third-party software (McAfee, Sophos)

IT

- File and printer sharing for office desktop user collaboration
- Storage with quota management and automatic backup to a local disk or remote server backup
- Web server for intranet, extranet or internet. Intranet out-of-the-box with standard collaborative services
- Email and associated services for email hosting

Management

- Quality of Service (QoS) and Bandwidth Management for service and user prioritisation, in particular to ensure voice quality
- Integrated Management from an easy to use web interface
- Provisioning and administration platform (ITEMS™'99) specifically designed to allow Service Providers to deliver Broadband Managed Services

Quality of service

With the converged voice and data network edgeBOX provides, it is important to be able to differentiate and prioritise different types of traffic. To ensure enough bandwidth is made available to priority services, edgeBOX has been built from the ground up to include QoS in every service provided. This means that QoS can be applied to individual users and services.

Collaboration services

edgeBOX provides your staff with a full set of online collaboration tools, ensuring you achieve the maximum return on investment from the network you have installed.

Your company website can be hosted on edgeBOX and an intranet can be deployed, including user home pages, to allow sharing of information such as contacts and calendars. Internal e-mail services ensure users can communicate internally even if the Internet connection fails. Mail relay and web mail are included for mobile workers. Antivirus, antispam and ban lists ensure that unwanted mail is filtered out, and for security purposes email can be kept at a secure offsite data centre.

Storage with Automated Backup

Files can be stored and shared on edgeBOX in Windows, Linux and Mac compatible formats with data security ensured through automated backup and restore functions, including backup to external physical or network drives at scheduled times.

Low Total Cost of Ownership

edgeBOX is a highly cost effective alternative to traditional multi-point network solutions:

- Initial capex is low or zero depending on the model chosen by the supplier. If the end customer buys an edgeBOX unit they will be paying significantly less than if they were buying separate devices to provide the equivalent functionality.
- Lower support and maintenance fees can be expected, again due to the fact that a single device is being used rather than multiple devices which each require their own support contracts, have different technology refresh cycles and levels of reliability.
- Lower licensing fees due to edgeBOX working on a one-time license fee which covers different ranges of users.

edgeBOX has received numerous industry awards and is distributed through channel partners (VARs, Systems Integrators, Service providers, and OEMs) worldwide.

edgeBOX can be purchased from channel partners in the UK, Spain, Brazil, Chile, China, India, Indonesia, Portugal, Singapore, South Africa and Thailand among others. Check our partners listing at www.edgebox.net

About Critical Links

Critical Links is a global provider of converged ICT solutions for Small and Medium Businesses (SMBs) that dramatically simplify and cost-reduce by consolidating a host of advanced voice, data and IT applications over a single platform.

Critical Links' flagship product, the edgeBOX™, is an award winning multi-function gateway that provides VOIP, IP-PBX, VPNs, security, NAC and QoS as well as web server, e-mail server and data storage; It replaces up to 8 separate devices that would otherwise be required to support this breadth of functionality, and is available on a range of scalable and fault-tolerant platforms supporting up to 300 users. Critical Links offers its solutions through a global network of VARs, System Integrators, OEMs and Service Providers. For more information: www.critical-links.com or info@critical-links.com

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