

Serac Solution Brief



The Serac DSL/Internet Server is a ready-made solution allowing you to make a problem-free and secure link between your network server and the Internet. The system is a total package consisting of the necessary IBM hardware and a pre-installed suite of software components that fit together seamlessly.

SERAC DSL/INTERNET SERVER

Link your entire network to internet securely and inexpensively

The software suite is complete and includes the following items:

1. Server products:
 - e-mail and web server
 - proxy DNS server
 - FTP server
2. The server operating system is Linux plus an extremely powerful and simple to operate firewall, and it is also possible to include a virus scanner. This carefully selected combination of packages ensures that your network and server become an impenetrable fortress to undesirable "visitors".
3. Serac can integrate the IBM server into your existing backup facilities, or provide the appropriate facilities.
4. The Server will be installed on your site (turnkey).

Controlled and secure Internet access

The Serac DSL/Internet Server is based on the stable Linux operating system and works on every type of network and workstation that supports TCP/IP. You can use a permanent connection for the link, based on ADSL, DSL or cable. If you do not yet have any of the above, this solution can also be provided over a conventional dial-up link. You will then already have the technology for the future while immediately enjoying the extensive server and security techniques.

You can simply create e-mail addresses or send e-mails through the administrator page (https). The Serac Internet Server can be configured to download e-mail from your Internet provider at preconfigured times. You will then save considerably on connection charges by avoiding the need to set up a connection for every message. It goes without saying that internal e-mail is sent immediately. Of course, if you have a permanent Internet link, you would send and receive all e-mail immediately, 24 hours a day.

If you already have your own e-mail server (Microsoft Exchange or Lotus Notes) then the Serac Internet Server can connect to it. The Serac Internet Server then provides only the transport from and to the Internet, while your current e-mail server continues to process all e-mail traffic. The Serac Internet Server allows you to impose certain restrictions on users as they surf or browse on Internet. For instance, you can block undesirable websites.

Options

Virus scanner

Serac supplies a professional virus scanner with the best price-performance ratio currently available.

Fax from any workstation

The Serac Internet Server has an optional integrated fax server, which means that any application that can print can also send faxes. Incoming faxes can be printed on any printer or forwarded by e-mail to selected users.

Hosting intranet and websites

The Serac Internet Server has a stable and powerful web server (Apache), which allows you to host an intranet, website or extranet.

It goes without saying that you can enter or modify the web server settings through the administration page (https). You can then upload the files to the web server by FTP (file transfer protocol). The server fulfils all the requirements that professional site builders demand of a web server. For instance, it supports CGI and Perl scripts, servlets, JSP, PHP, SQL databases, SSL encryption and WAP hosting.

Unique remote update:

Regular updates and patches are a feature of nearly all software as a way of keeping the system up-to-date and secure. Maintaining all the software on a system consumes a considerable amount of time and energy. Many security leaks are actually caused by using outdated software.

Serac therefore offers you a facility for regularly downloading patches for the various software components, so as to bring your system to the most recent state. With this facility, Serac will install the software updates on your server automatically and in a controlled manner. The server then becomes almost maintenance free as far as you are concerned, and you will save much time, money and, last but not least, many problems.

Virtual Private Network (VPN)

The Serac Internet Server can be used for a Virtual Private Network (VPN). A VPN allows you to access your company network from an external location via Internet. The VPN uses an encrypted link over Internet. Using a VPN: simple, secure and affordable via the Serac DSL/Internet Server.

Service, support and monitoring

As an option, your server can be connected to a Serac online monitoring service, which ensures that the server is checked every 15 minutes. In the event of a hardware or software failure during office hours, the service desk is always notified immediately.