

**nexica<sup>o</sup> your IT value**  
**NEXICA EXCHANGE**

# Nexica Exchange

## Enjoy a corporate mail solution

**Nexica Exchange** is the **nexica** mail solution based on Microsoft Exchange 2003. It is designed to help in communications, offering mobile, remote and desktop access to e-mail with the utmost safety and privacy. This service provides access to professional e-mail, contacts, agenda, tasks and notes from mobile devices.

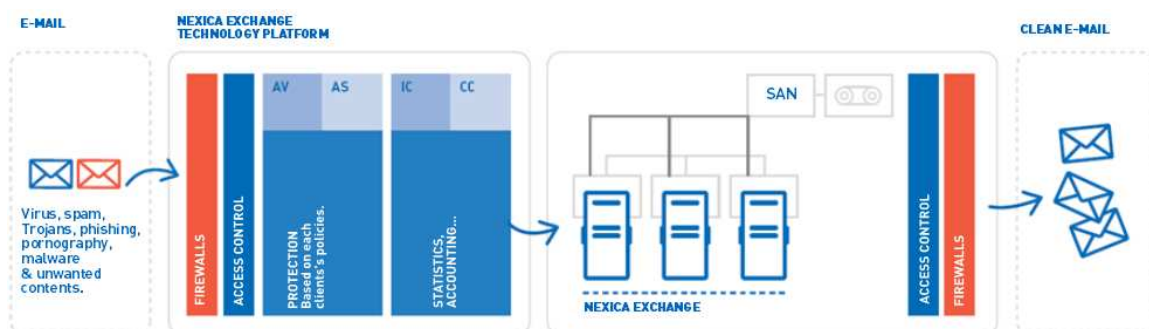
This new **nexica** tool features outstanding simplicity in the implementation, administration and upgrading processes. It allows users to share all information, objects and documents securely and under control, as it features a user- and group-based authorisation system.

**Nexica Exchange** operates with high-availability servers and maximum redundancy. You need not worry about security, maintenance and profitability, because **nexica** will do it all for you.

**Nexica Exchange** is the perfect e-mail solution to achieve high performance in collaborative environments with high mobility without the need for major investments.

## Nexica Exchange Platform

The technological architecture underpinning the **Nexica Exchange** Platform is comprised of several high-availability (clustered) computers with high-end managed storage (SAN), daily incremental back-ups in a streamer robot and remote custody.



This platform is hosted in our Internet Data Center. Some of its services include:

- Multiple redundant Internet connection, working with BGP4 protocol.
- Server connections through Cisco high-level switches.
- Technical flooring where the category 5 enhanced data cables are ducted.
- Guaranteed power supply guarantee by means of redundant UPS and an electrogen unit to prevent power cuts.
- Each rack is cooled to guarantee optimal machine condition.
- Facilities monitored 24x7x365.
- 24-h alarms and security systems with access by authorised personnel only.
- Smoke detection and fire-extinction system.
- Work room for clients.

## Who does it target?

It targets **companies that wish to leverage their e-mail service**, improving communication speed and maintaining high security levels. Mainly companies with several sites or with a major need for out-of-office e-mail.

As well as **companies that already have a Corporate Exchange solution**. In such cases, **nexica** will do the migration and will provide you with a new quality service adapted to your company's needs.

## Advantages

### SECURITY.



It prevents infection by virus and spamming with Antivirus services (Antigen by Sybari delivers a preventive line of defence from viruses, worms and malicious code that is propagated through e-mail. Antigen offers comprehensive protection thanks to its multiple analysis engines and its advanced content filtering and Antispam functions. Moreover, the clients have secure access to their mailboxes through secure HTTPS connections

### EFFICACIOUS MANAGEMENT.

It delivers maximum performance to a tool that is indispensable to many companies. The application operates through NEXICA's infrastructure, which takes charge of maintenance to offer 24x7 availability.

### MOBILITY.

It delivers corporate mail on any mobile support.

Mailboxes can be accessed by practically any type of device: Pocket PC, XDA or smartphone, through Outlook and ActiveSync, or WAP v 1.2 and 2.0 (XHTML) and iMode (CHTML)-compatible mobile devices, thanks to Outlook Mobile Access.

### **COST REDUCTION.**

It reduces the company's e-mail costs. The implementation of **Nexica Exchange** offers numerous facilities. The client only pays a monthly fee depending on the number of users, with no initial outlay whatsoever.

### **EASY INFORMATION SHARING.**

It helps workers to stay in permanent contact with each other and with clients, suppliers, distributors, etc.

The user can access public folders (your company's), facilitating the sharing of corporate information synchronised permanently with their colleagues.

### **FUNCTIONALITY.**

It can be integrated in the client's network.

The solution includes Exchange mailboxes with all its associated capacities: agenda with warnings, calendar, appointments, shared folders, scheduled sendings, etc. Access to these functionalities is through the Outlook 2003 client or any browser. The mailbox can also be accessed through POP3 or IMAP, albeit with limited functionality.

## **Access modalities**

The user can choose from a broad range of access possibilities, depending on preferences, location and the devices used:

### **OUTLOOK 2003 CLIENT**

It is the most comprehensive form of access, since it guarantees all the functionalities needed to organise, manage, share and communicate in a work network, whereby it is the most recommendable option when the user is at their usual workplace.

### **OUTLOOK WEB ACCESS (OWA)**

With a very similar appearance and the same ease of use as Outlook 2003, it gives users a secure connection to their mail, calendar, planning and public folders on an Exchange Server, using only a web browser.

### **ACTIVESYNC**

It provides real-time access to information through Pocket PC-type or smartphone mobile devices running Windows Mobile, delivering:

- Access to e-mail with attachments, calendar and contacts.
- Synchronisation with MS Exchange optimised for wireless connections.
- Remote access to restricted sites.

### **OUTLOOK MOBILE ACCESS (OMA)**

Leveraging the different technologies for remote access by mobile devices. Its main characteristics are:

- It supports wap v.2.0 (XHTML) and iMode-compatible mobile devices.
- Browser access to MS Exchange 2003.
- Incoming mailbox glands and agenda with search, calendar, contacts, tasks.

## NEXICA Antispam Service

SPAM is unwanted e-mail, generally sent to users en masse and for commercial purposes. **SPAM** is also sent without the consent of the Internet Service provider or without their knowledge.

To this end, **nexica** assigns all the resources necessary to check this type of mail and **includes this Antispam control service**, just as it delivers the **free Antivirus service** in its different hiring schemes.

**nexica** manages **SPAM** in two complementary ways to provide the utmost guarantee for our clients' security:

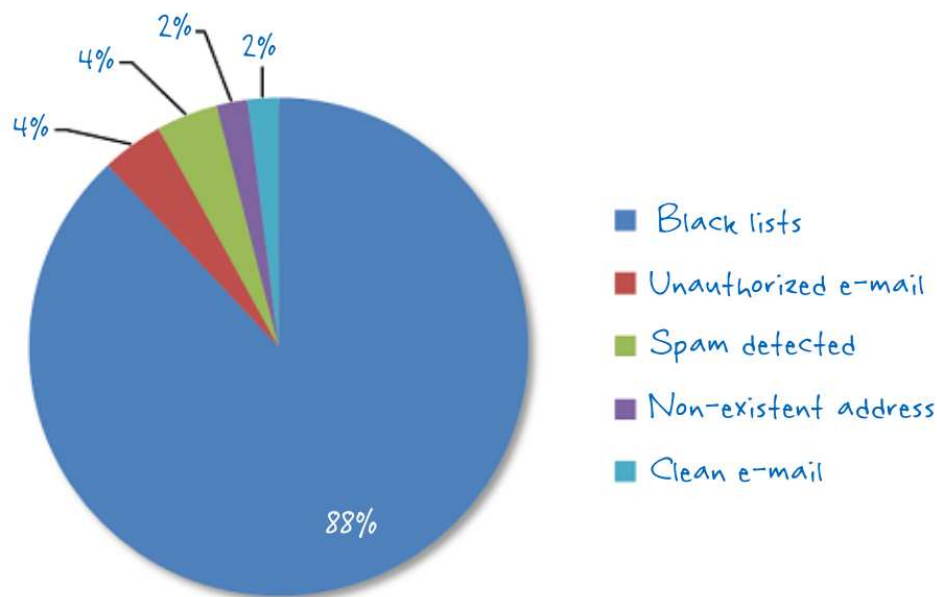
1. By means of the automatic analysis of a message's contents, as well as the subject, the management of the source and other e-mail characteristics, the **nexica** Antispam System can detect "garbage" mail with a high degree of efficiency.

2. The **nexica** Antispam system has a learning mechanism that enables it to compile information from mails detected as **SPAM** to improve detection. For this purpose, **nexica** provides its users with new active collaboration techniques in the **Antispam System's** learning:

- If a user receives an unmarked **SPAM** mail it can resend it to [es-spam@nexica.com](mailto:es-spam@nexica.com).
- If a user receives a mail marked as **SPAM** which is not really spam, it can be resent to [no-es-spam@nexica.com](mailto:no-es-spam@nexica.com).

"Black lists" are very effective, since they block approximately half of total connections to **nexica** mail servers. If these messages were not blocked, they would become SPAM that would reach mailboxes, duplicating the volume of messages and increasing the amount of SPAM by 500%. These "black lists" are published on the Internet and indicate the computers from which tests used to generate SPAM have been obtained, be it by virus infection, intentional SPAMMING, etc.

To have an idea of what SPAM actually represents, here are some figures on **nexica's** detection of these mails:



Only **2%** are **correct messages** that are delivered to the destination. **98%** of the mail is cleaned and is comprised of:

- **88%** of e-mails are rejected because the connection belongs to the public “**black list**”.
- **2%** is mail sent with a **non-existent** destination address. This means that if the domain has a “catch-all” mailbox, all mails will reach this box. “Catch-all” means that this mailbox receives all the mail to invalid addressees (personnel that no longer work in the company, typos, etc.).
- **4%** are mails identified as **unwanted** mails marked by **nexica** by means of the **\*\*\*SPAM\*\*\*** signal in the “Subject” of the message.
- The remaining **4%** belongs to clients with mail addresses that do not belong to **nexica** and therefore **unauthorised** for sending by these servers (includes mails with virus).

## Managed Services versus In-house solutions

If your company has already decided to use Microsoft Exchange and you have an Exchange solution in your offices, we recommend that you consider the costs and risks assumed on managing such a critical service as corporate messaging and the advantages of outsourcing this service.

**nexica** has the most advanced infrastructures, specialised personnel in systems management and procedures tested and proven over more than 12 years in the sector. Regardless of the modality service you hire, within our Dynamic Ecosystem Service, your systems will always have:

- An Internet Data Center with a single failure point.
- 24x7 monitoring of common elements.
- 24x7 troubleshooting for common service infrastructure (networks, installations, perimeter safety).
- Upgrades and patches for common service infrastructure elements.
- Secure environment (physical safety, perimeter security).
- Management processes and methodologies proven through 12 years in the management of critical systems.
- Access to the best professionals.
- Possibility of dedicated transport lines to our IDC.

## Blackberry Company Server

As additional mobility services for our **Nexica Exchange** mail accounts we are presenting our BES service, a management tool for Blackberry terminals.

Its main functions are the following:

### REMOTE AGENDA MANAGEMENT

It sends appointments to the devices, and each Blackberry user's agenda can be updated on the go.

### SECURE GPRS BROWSING

Permits secure GPRS network browsing thanks to the secure encryption 3DES. The cost of this browsing is included in the Blackberry flat rate.

### CENTRALISED DEVICE ADMINISTRATION

It permits the global management of all the Company's Blackberry terminals.

- Mail filtering: it can limit the sending and receipt of mails from e-mail addresses or extensions which the company policy deems fitting.
- Password systems: it can impose the use of passwords on the terminals to increase device security.
- Terminal management: thanks to the BES, access to different applications can be limited. For example, in the case of an SAP application, provide sales reps with the data of current and potential clients but limit access to the company's financial data.

### RELIABILITY

The service runs on a very reliable and robust Microsoft-certified mail platform that includes a series of different backup mechanisms, safety and protection systems. Moreover, communications between the server and the Blackberry device are encrypted.

### PERIODICAL BACKUP

Automated incremental daily back-up and remote custody.

### ALWAYS UPDATED

The service is constantly updated.

The service includes:

- The installation of Exchange and Active Directory and of the BES Server licences for "n" mailboxes.
- The configuration of the BES Server and integration with the Exchange service and the roll-out of the services required by the client.



- The administration, operation and 24x7 monitoring, the monitoring of service status and disk space, of support to the Post Master, the installation of patches and solving of monitoring incidents.
- Upgrades.

**View a demo of Nexica Exchange at:**

<http://www.nexica.com/Docs/NexicaExchange/inicio.html>