





# SOLTECSIS

## TECHNOLOGICAL SOLUTIONS



SOLTECSIS SOLUCIONES TECNOLÓGICAS, S.L. is a technological company specialized in computer science and telecommunications with a highly qualified and experienced technical staff.

Our main objective is to provide our customers with tailor-made high quality solutions to ensure that their technological investments will result not only in an improvement in performance and productivity, but also in an optimization of the technological resources, in order to obtain a relevant reduction in maintenance costs, energy consumption, software licences, etc.

The high level of qualification and experience of our technical team is the key which guarantees the quality of our products and services. You only need to explain your necessities and requirements and we will tailor the suitable solution to satisfy them successfully.

From our own Internet service platform, fully developed and designed by our technical staff, we provide all of our services.

The companies that use our technical solutions go from small and medium-size businesses to companies with a strong international presence. Those are some examples of companies that benefit from our products and services:

- **Repsol** and **GasNatural Fenosa** are some of the companies that use the monitoring system *SmartWatchWeb*<sup>1</sup>, which monitors energy losses and process gas emissions. This system leads to considerable energy saving, and consequently to an important reduction of pollutant emissions into the environment, and it also contributes at the same time to the security of the installations. We are in charge of the development, installation and maintenance of the computer related issues of this system.

We have developed the computer related issues of the *SmartWatchWeb*<sup>1</sup> system for the company **Purgadores de Condensado**. Furthermore we have designed and installed a complete DPC (Data Process Center) in their installations where we also used most of our products.

- The **Ilustre Colegio de Abogados de Barcelona** uses our email platform with high availability and high scalability to host the mailboxes of thousands of their users.

- **Samar Internacional** is a company with international presence for which we implanted the whole infrastructure to guarantee the security in each of its offices as well as the privacy in the communication between them. This company profits from our email solution, our virtualization systems and the systems to render Internet services.

- For **Alameda** travel agency we have designed and implanted the whole infrastructure of computer networks, computer security, IMAP corporate server, corporate web server, fax system, monitoring systems, intrusion detection, virtualization, etc.

- The service provider **Internet ABServer** uses our mail cleaning solution in order to clear mails from virus and spam in its domains. This system processes millions of messages a day, clearing thousands of mailboxes from virus infected messages and spam.

- Companies and institutions such as **Fundesem, Alhambra Internacional, Elite Decor, Lizzo Design** und **Ayuntamiento de Callosa** benefit from our efficient mail cleaning service, and thanks to this, their trouble with spam is a thing of the past.

- For the company **ASalvo Consultores** we have developed the complete system of online backup known as ASalvo ACR. The service corresponding to this online backup system is rendered from our Internet services platform.

- Several town halls benefit from our computer security products, virtualization, domain hosting services, mail cleaning devices, etc.

- **Infonucia, Codimatge, Appime, Vaiconet, Protective Comfort Group, JLQS** and **Escuela de Arte y Superior de Diseño de Alicante** are some of the companies which benefit from our Internet services. All of these services work in systems with high availability, which guarantees the continuity of the service in case of failure. The continuity is a very important point to ensure the quality which makes us different from our competitors.

Thanks for your confidence.

1. *SmartWatchWeb* is a registered trademark, internationally patented by Purgadores de Condensado, S.L.

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Currently the security is the unfinished business of most companies.

We analyze your communication requirements and advise you about the best way to carry them out, always bearing in mind the security of your information.

Your own email platform, with capacity enough to host any quantity of domains and mailboxes.

Clear your domains from virus and spam infected mails and forget the trouble due to them.

Do you want to reduce your maintenance and purchasing costs, in servers and desktop PCs? Virtualization is the answer.

We design and implant the computer systems which will help you improve the technological infrastructure of your company.

We develop for you everything you need for your business. You define the requirements and needs of your application, we make them true.

Avoid unnecessary energetic losses, as well as the expenses and pollutant emissions derived from them.

Do you want Internet presence for your company? Don't worry. We do all the work for you, from the domain register to the web design of your company's look on the Internet.

Turn your company into an Internet services provider for your clients. Fast, easy and transparent.

If what you need is having a data centre where you can host your own servers, then let the installation skills and the experience of our system administrators be at your disposal.

Virus and spam (junk mail) are now the major source of problems for e-mail service users.

Keep all the information which is important for your company safe and sound in our servers.



## WE GUARANTEE THE SECURITY OF YOUR **COMMUNICATIONS**



Computer networks and security are two closely related concepts today. If you use the Internet for your work or to communicate with each other several of your offices, then it is very important to think about the security of their communications.

Why is security so important in our company? In the last years all companies have been making a great effort to adapt to new technologies and open up new avenues in the Information Society. However, the opening of new roads caused the emergence of new threats.

We cannot only modernize and take advantage of the benefits of new technologies, but we also have to close any doors or holes that make us vulnerable.

Currently the security is the unfinished business of most companies.

Having a connection, in any of its possible forms, that ensures us the access to information motorways means a great advance but it is at the same time an open door to damage the critical information of our company. If we think about the physical safety of the company we would never leave the door of the office open. In the same way we need to establish mechanisms that guarantee us authorized access to our systems and this is accomplished by introducing security mechanisms.

# 01



PROTECTED NETWORKS  
SECURE COMMUNICATIONS

# STSFIREWALL

“We analyze your communication requirements and advise you about the best way to carry them out, always bearing in mind the security of your information.”

Firewalls are devices that are used to control and restrict the access to our offices networks and they allow us to filter data packets before they flow through them.

This device will allow us to close the door that we have opened to the Internet. Our FireWall solution (STS-FireWall) provides all the features a FireWall must have today to ensure the security in the communications of your company.

Some of these features are:

- Protecting our network from outside unauthorized access attempts.
- Allowing access from outside to individual users, (i.e. commercials who need to access to an internal system).
- Limiting the contact of our workers with the outside, (i.e. avoiding the use of instant messaging programs or programs like Emule, Bitorrent, etc).
- Guaranteeing the security and confidentiality of the communications among delegations of the same company, and in the access to the delegations from Internet, establishing virtual private networks, known as VPN.

# EMAIL PLATFORM STSMAIL



The wide range of Internet services available for users today grows everyday. However, statistical studies of the use of these services show that the email remains by far the most widely used Internet service.

This statistic is useful to realise the growing importance and relevance that the e-mail service has, not only in the business sector but also in the private one. There are growing companies that rely heavily on e-mail to be able to run their business and for which the non-availability of this service for hours or days can lead to considerable economic and market losses.

Therefore, when choosing an e-mail system for our company, it is of vital importance to consider not only the quality you are going to provide your end customers with this service, but also the mechanisms used to ensure maximum service availability. The architecture of the e-mail platform STS-MAIL PLATFORM has been designed bearing these requirements in mind.

Furthermore, the email platform STS-MAIL PLATFORM is equipped with the latest technological advances as far as electronic mail is concerned. Access your mail from every device which has an Internet access, synchronize your contacts, agenda and tasks on your mobile phone, etc.

“Your own email platform, with capacity enough to host any quantity of domains and mailboxes.”

A silhouette of two people, an adult and a child, against a bright, hazy sky. The adult is on the left, leaning forward, and the child is on the right, looking up. The background is a soft, light blue gradient.

# 03

MAIL CLEANING  
FREE OF VIRUS AND SPAM

# STSMAILS SAFE APPLIANCE



“Clear your domains from virus and spam infected mails, and forget the trouble due to them.”

Spam and viruses are now the main problem for users of e-mail services. The problems associated to mailboxes saturated with spam as well as infections with viruses have serious consequences in both time and money for companies that use e-mail. The device STS-MAILSAFE APPLIANCE has been designed as a high-efficiency and effectiveness solution in order to abolish spam and virus e-mail messages and avoid problems due to these.

The STS-MAILSAFE APPLIANCE is used as an intermediary between the flow of mail for a set of domains and the server or set of servers on which mailboxes are stored. Its function is to clean messages from viruses and spam before they are delivered to their destination mailboxes.

The most advanced techniques available today are used in a combined form in order to identify spam.

The device allows you to use a variety of antivirus engines, both commercial and non-commercial. It may even make use of multiple antivirus engines simultaneously in order to increase the virus suppression capacity.

There is the option of configuring the device as a cluster made up of two or more nodes STS-MAILSAFE APPLIANCE, this allows to scale the system easily with the aim of supporting any volume of messages (high scalability), as well as to ensure continuity of the provided service even when a failure occurs in one of the nodes that make up the cluster (high availability).

The administration and monitorization of the STS-MAILSAFE APPLIANCE is carried out through a simple web-based graphical interface in a web environment.



04

# 05



## SAVE SPACE AND RESOURCES VIRTUALIZE SERVERS AND PCs STSVIRTUA



“Do you want to reduce your maintenance and purchasing costs, in servers and desktop PCs? Virtualization is the answer.”

Virtualization is a term which makes reference to a mechanism through which you can execute several machines simultaneously within a single physical computer.

Through this mechanism it is possible, for instance, to have all our servers running in a single server with enough power to run the services rendered by all of them. We may even get to virtualize the desktop PCs of all the employees in our office.

Apart from simplifying considerably the management and control of your computer systems, virtualization results in a reduction of resources (hardware, software licences, energy consumption, etc) used for your technological infrastructure. The consequence is a noticeable economic advantage for the companies that adopt this technology.

Contribute to fight against climate change reducing your energy consumption with our virtualization solutions. Reduce the energy consumption of your desktop PCs between 70% and 80%, and reduce the administration work at the same time. Use only one operating system license, one antivirus, etc, for all the PCs in the whole office.

Use our virtualization solution in high availability to guarantee the operative continuity of your virtual machines. Thanks to our Disaster Recovery option the continuity of your business is guaranteed, for instance in case a natural disaster (fire, flood, etc.) may occur.



# INTERNET ARCHITECTS SYSTEMS



# 06

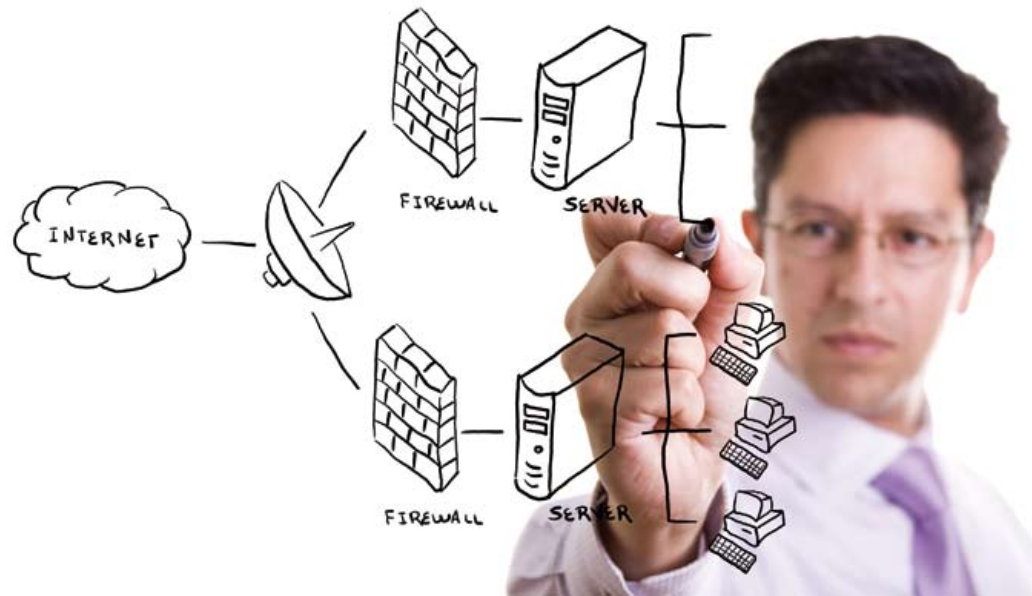
We have highly qualified technical staff with extensive experience in the design, programming, configuration and maintenance of a wide range of Systems. Show us your needs, we will analyze them thoroughly and propose solutions and appropriate computer systems.

Proof of the worth of our staff are our own products, which have been designed by our technical team. Several of the developments we have done for our clients have been conceived as cluster systems .

We have even programmed from zero architecture systems of distributed cluster with high availability and high scalability.

Our experience encompasses a large variety of software systems: Web servers, mail servers, DNS, news systems, Windows domains, file servers, cluster systems, virtualization environments and so on.

“We design and implant the computer systems which will help you improve the technological infrastructure of your company.”



# 07

## EXPERTS IN THE DEVELOPMENT OF TAILOR-MADE SOFTWARE

“We develop for you everything you need for your business. You define the requirements and needs of your application, we make them true.”

From web design through complex dynamic websites with database access, electronic commerce and payment gateways, to complex client/server applications. We have highly qualified technical staff with extensive experience in developing under both Windows and Linux systems.

Our business area, as far as development is concerned, covers the following areas:

- Client / server applications. We have a great experience in developing applications that use data transmission networks to communicate among themselves. The client/server development is one of our strengths.
- Clusters. Another of the branches in which we have great experience is the design of high availability and high scalability clusters. From the implementation of our own cluster solutions (such as the Mailbox storage cluster for the Unlimited Mail email system or clusters of virtualization) to the configuration and maintenance of existing solutions on the market.

- Web Design. We create the look and appearance you want your company to have on the Internet.

- Dynamic websites. We develop everything needed to make your web work as you require.

- Electronic commerce. Put your shop on the Internet and expand your market share. We provide everything you need for this: shop, shopping cart, payment gateways, virtual transactions, databases, SSL secure server, and so on.

# 08

## ENERGETIC AUDIT

### ENERGY EFFICIENCY

“Avoid unnecessary energetic losses, as well as the expenses and pollutant emissions derived from them.”

One of the important projects we were working on was the development of the computer related issues of the system SmartWatchWeb[1] for the company Purgadores de Condensado. This system is used to monitor real-time steam leaks and process gas leaks in order to firstly avoid the energy losses derived from them, and secondly to reduce consequently the CO2 emissions into the environment and its expenses, as well as to increase the security in the installations.

SOLTECSIS, in collaboration with Purgadores de Condensado, offers the system SmartWatchWeb<sup>[1]</sup> as a service (through which either we or yourself can monitor your energy losses) or as a complete product located in your installations and maintained remotely by our technical staff.

This system is being used by important

companies such as Repsol and GasNatural Fenosa. They achieve considerable improvements in energy efficiency which contribute significantly to save fuel and to reduce pollutant emissions into the environment, improving environmental working conditions for their employees at work.

This project is a clear example of the commitment SOLTECSIS has taken as a technological support company, to help reduce the emission of greenhouse gases into the atmosphere, which helps to avoid the disastrous effects the global climate change causes to our planet.

1. SmartWatchWeb is a registered trademark, internationally patented by Purgadores de Condensado, S.L.



# DOMAINS HOSTING



Do you want Internet presence for your company? Don't worry. We do all the work for you, from the domain register to the web design of your company's look on the Internet.

All what you need for your domains: DNS, WEB, FTP, e-mail IMAP or POP, AntiSpam, AntiVirus, WebMail, data bases, e-commerce, dynamic content, etc. all managed by yourself using our easy to use Control Panel.

If your company works in the field of information technologies, you can become a distributor of our products and services, taking advantage of our plans for distributors.

OUR SERVERS AND EXPERTS  
AT DISPOSAL OF YOUR HOSTING SERVICE

# VIRTUAL ISP



Turn your company into an Internet services provider for your clients. Fast, easy and transparent.

If you are thinking about offering domain hosting services, either because your clients demand this type of service or because you want to expand your market share, you should consider the huge initial investment you require.

Purchasing of servers, contracting Internet access lines, preparing computer rooms, technical staff to configure and maintain the services, development of a control panel, development of a management system, backup system, etc. Apart from the huge initial investment, you will need a tremendous amount of time to implement these services.

Our Virtual Hosting provider service is the solution to all these problems. We put our servers and experts in system administration at your disposal. In only a few days you will have your hosting service ready to be offered to your clients.

# 09

# HOUSING OF SERVERS

If what you need is having a data centre where you can host your own servers, then let the installation skills and the experience of our system administrators be at your disposal.

You are able to configure your services in your own server, and then we make sure to find an appropriate host. If you do not have the qualified technical staff necessary to configure your server, we can configure, install and maintain the services your need, as well as advise you about the best solution to adequately cover your requirements.

The housing service consists of hosting a server within the network of hosted servers of SOLTECSIS SOLUCIONES TECNOLOGICAS, regardless of whether it is a physical server or a virtual machine.

We can guarantee you the security of your servers thanks to our cluster of firewalls in high availability.

There are two types of housing:

- Physical Housing: hosting of a server in the Data Processing Centre of SOLTECSIS in order to provide the services your company needs.

- Virtual Housing: it means to contract a virtual machine through which those services are offered.



# EMAIL

FREE OF VIRUS AND SPAM



Virus and spam (junk mail) are now the major source of problems for e-mail service users.

If you have not taken the right measures regarding computer security, a virus that reaches a user's PC via e-mail could infect the rest of your company's PCs and this may lead to significant data loss, leakage of confidential information, interruption of the operation of the company, and so on. All this can lead to major losses of time, money and business.

A mailbox saturated by hundreds or thousands of spam messages received every day becomes a useless mailbox. In addition, having to download such messages, read them and then delete them means a significant loss of time to the employees of a company, which results in a decrease in productivity.

The functionality provided by our cleaning mail service is the removal of virus and spam messages from your mailboxes. By activating this service, we receive in our systems all your mails and, once cleared (from viruses and spam), these emails are forwarded to your mail server.

The system used to provide the mail cleaning service is formed by a multi-node cluster based in our product STS-MAILSAFE APPLIANCE.



# REMOTE BACKUP ONLINEBACKUP



“Keep all the information which is important for your company safe and sound in our servers.”

# 12


An online backup is a system that allows you to make a backup of important files that you have stored on your computer, replicating them in other computers (copy servers) to which you connect via Internet. It is what in Internet is known as Online Backup, that is, backup that is carried out being connected to the Internet.

Our remote backup system is based on the ASalvo ACR software, which has been developed entirely by us for the company

ASalvo Consultores, S.L. To ensure privacy, all the information exchanged between your computer and the copy server is encoded using a number of strong encryption algorithms and using different key coding each time the client logs in the copy servers.

In order to minimize the use of their data lines, all files transferred between your computer and the servers are compressed, reducing its size as much as possible. Besides, once the first remote backup is carried out, only the changes which happened are transferred in the following copies, drastically reducing both the time needed to carry out the copy and the impact on their data lines.





**YOU CAN CONTACT OUR COMMERCIAL OR TECHNICAL DEPARTMENTS USING ONE OF THE FOLLOWING EMAIL ADDRESSES:**

Commercial dep.: [comercial@soltecsis.com](mailto:comercial@soltecsis.com)

Technical dep.: [soporte@soltecsis.com](mailto:soporte@soltecsis.com)

**YOU CAN ALSO CONTACT US BY PHONE AND FAX AT:**

+34 966 446 046

**FOR MORE INFORMATION PLEASE VISIT:**

<http://www.soltecsis.com>





**TECHNOLOGICAL SOLUTIONS FOR COMPUTER SYSTEMS AND TELECOMMUNICATIONS**  
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