



Microsoft Cases Studies Microsoft® Visual Studio® .NET



Fundación Red Andalucía Emprende
CONSEJERÍA DE INNOVACIÓN, CIENCIA Y EMPRESA

Summary

Country: Spain

Sector: Government.

Customer profile

REDEES's mission is to promote the economic activity in the autonomous community of Andaluia. And to create employment through social economy enterprises: cooperatives and labor.

Situation

REDEES has bet on technology from Microsoft to develop its intranet and many solutions as the Bank of Business Projects.

Solution

Since its emergence, REDEES has adopted the platform. NET for developing various applications of great value to the organization. He is currently combining the development environment in.NET.

Benefits

- Increased productivity
- Flexibility
- Reduce costs.
- Mobility
- Minimal learning curve
- Security
- Knowledge management

.NET, Sorong support for Companies foundation

“We need to have a technology that allows us to adapt very quickly any needs that may arise. This flexibility is made possible by Microsoft's platform and technologies such as .NET”

Jorge Pérez, responsible for Knowledge Management and NTIC of the Foundation for Economic Social Network Andalusia.

The Foundation for Economic Social Network Andalusia (REDEES) has made a strong commitment by Microsoft. In 2001 created a technology platform and a corporate intranet using your solutions and then fed the numerous applications in order to facilitate their work in promoting economic activity in the autonomous community of Andalusia. Thus emerged a number of projects in various fields: entrepreneurs, human resources management, control panel for a subsequent analysis of data ... At the end of 2002 came in the first development. NET, the so-called Bank of Business Projects, followed by other projects using in this technology. At present, REDEES is unifying its entire development environment with the migration to the platform. NET. For those responsible for this organization, the benefits achieved through the use of technology from Microsoft are very varied and important: increasing productivity, flexibility, cost reduction and mobility, among the most important.



Situation

The Foundation for Economic Social Network Andaluza (REDEES) is a non-profit organization dependent on the timeliness of the Ministry of Innovation, Science and Business of Andalusia. Its mission is to promote economic activity in the Andalusia region and the creation of employment through social economy enterprises: cooperatives and labour. Its ultimate purpose is to contribute to the development of Andalusia, especially at local and rural, which has the support of the municipalities where they settle their centres, which are called School of Business. These schools are responsible for locating in their areas of influence material resources, financial and human resources capable of becoming social economy enterprises. In addition, study the feasibility of the projects that will generate and track their constitution into a cooperative or partnership work.

In 2001, REDEES asked the company Tecnomcom the development of a technological infrastructure and designing an intranet. "It was a tremendously necessary to facilitate the management and the homogenization of an organization like ours, which is characterized by having a huge geographical spread," says Jorge Perez, head of knowledge management and NTIC of the Foundation for Economic Social Network Andaluza . The Tecnomcom ' solution was based entirely on Microsoft technology. The presentation of the intranet was conducted by ASP pages and COM + components, which were responsible for implementing the business logic and data access, developed in Microsoft Visual Basic. The whole architecture is supported in products such as Microsoft SQL Server 2000, Microsoft Exchange Server 2000 and Microsoft SharePoint Portal Server, introduced as server management and documentation single point of entry to all applications. "At the time, just to launch to the market We We

decided that SharePoint Portal Server was the most appropriate software to solve the needs of the Foundation," explains Jose Maria Lopez, head of the Centre of Competence in Microsoft Tecnomcom Iberia. "We wanted to facilitate communication and access to documentation and only distributed in a centralized manner, so the documentary repository of Microsoft SharePoint Portal Server is perfectly suited to our needs," confirms Jorge Perez.

Gradually became incorporated into the intranet applications developed to measure to help manage key areas such as projects for REDEES of entrepreneurs throughout the different stages of their life cycle (study, implementation, implementation and development); the management of human resources attached to the foundation, the training and development of a panel that would allow the analysis of operating data from the intranet. "The idea was that our professionals could count on a tool that would allow them to ask whether a particular information as to share it with the rest of the foundation," says Perez.

Solution

At the end of 2002, REDEES again requested to Tecnomcom the development other initiatives. This time it was the development of the Bank of Business Projects, one of the activities within the framework of the Project PIONEERS 106, approved by the European Union under the EQUAL Community Initiative, founded to develop new processes, systems and processes that lead to the creation of Social Economy companies comprising people who suffer discriminatory treatment and / or uneven when it comes to entering the job market. It consisted of the development and maintenance of a Bank Project with support on the Internet, a database for collecting and processing information would essentially as support

included the agents, Business managers and technician from Companies' schools in the developing of their advocacy and advisory roles for the formation of business projects,"said Perez.

The Bank of Business Projects allows linking information in the module Project Management Foundation's intranet with external data sources on Social Economy, from transnational component of the Project PIONEERS 106, which was conducted in cooperation activities with an Italian partner (PRO SIT) allowing its use in a multilanguage (Castilian, Spanish and Italian). The technology that made possible this project was Microsoft SQL Server 2000 (Analysis Services), although this initiative also marked the first touchdown of REDEES with technology. NET from Microsoft, which developed an application Tecnocom capture data based on ASP. NET and ADAX, a tool for exploitation Specific information Bank Project which allows reports to the directors of REDEES. "We from the beginning by. NET, and we were very pleased with the results achieved with technology from Microsoft and was the logical evolution. The improvements and benefits it provides. NET is undoubted and was available as we had very clear that we had to start working with their solutions,"says Perez. "Had we not been able to make the tool of exploitation if had not appeared on the market the technology. NET,"he says flatly

Luis Miguel Ramos, head of Project Tecnocom.

After this first experience. NET, those responsible for REDEES decided in mid-2004 to undertake a second project using this technology from Microsoft. This was a new application for the intranet of the Foundation, a tool called Registry of Entry and Outgoings. "To meet all the law's requirements, we need to record the Entry and outgoings the organization of any information or document,

as reported with outside companies or municipalities,"says Jorge Perez. Traditionally, this process was done manually using paper, so the volume of folders in which these documents were deposited beginning to be worrisome. "It reached a moment where it became imperative to have a system that would allow us to scan the registry, either by itself digitizing printed documents or digital files directly incorporated into the record," says Perez. "The idea was that a document could be viewed by anyone concerned with only access the intranet," explains Jose Maria Lopez. To facilitate the registration of documents, the application allows you to make this process from its own program Microsoft Outlook.

The creation of this solution for recording documents is part of the objective of REDEES to develop its technology infrastructure on all those applications that are necessary for their daily activity. In this context is also adapting some of these tools to mobile devices using solutions such as ASP.NET. This allows those responsible for the Foundation to optimize the internal management through the use of PDAs with Microsoft Pocket PC phone connection, both UMTS and GPRS. "For us it was a fundamental aspect: we must not forget that many of the people who work at the Foundation conducted its work in constant mobility as they have to travel to different provinces and peoples of the Commonwealth," said Jorge Perez. "The adaptation of the solutions present in the Intranet is relatively easy because you use the same technology, the same development tools and the knowledge you need is virtually the same," says Luis Miguel Ramos. Currently, 10 per cent of 200 workers of the Foundation access their applications using these devices. "It may seem an amount not too high in comparison with the figures of other companies, but we must not forget that all of them covering one hundred percent of

the territory of Andalusia and its nearly 800 municipalities, something that would be impossible without the latest technology," says Jorge Perez

At the end 2004, those responsible for the Foundation of Economic Social Network Andaluza decided to tackle the technological upgrading project, which has two objectives: firstly, to upgrade the entire infrastructure of systems and servers to the latest versions of the market (Microsoft Windows 2003 , Deployment of Active Directory, Microsoft SharePoint Portal Server 2003, Microsoft Exchange Server 2003, etc.) and deploy high availability for all services, and for unifying the development environment by migrating all applications management environment. NET. "It is our firm intention to continue developing new features and integrate new business processes on the intranet, so we understood that it was necessary to have the latest technology from Microsoft to do it the best way possible," said Jorge Perez. The first part of this project is already completed and now is being made to migration. NET, a process that is scheduled to finish later this year. "We are taking this to make a renewal process reengineering applications that suit the aims and objectives that the Foundation has today," explains Jose Maria Lopez. "The upgrade to. NET is an essential process if you want to extract the maximum performance to the technological platform and be prepared for the future," says Luis Miguel Ramos.

Benefits

Increased productivity. "Our satisfaction with. NET is very high, especially because thanks to this technology we have improved in areas as varied as the time of development ease of maintenance, speed to do modifications or the ability to undertake projects more complex," says Jorge Perez. "The productivity

of the developers has increased significantly thanks to all the benefits it brings. NET, which stands light years away from the previous development solutions for Microsoft," said Luis Miguel Ramos.

Flexibility. "We need to have a technology that allows us to adapt very quickly to any needs that may arise and this us the flexibility we have with the Microsoft platform and technologies such as. NET" Jorge Perez says.

Cost reduction. "We have achieved a considerable reduction in costs in various aspects: having a centralized repository digitized and has avoided costs, for example, travel or communications, which has largely replaced the phone via e-mail" , Says Jorge Perez. Jorge Perez.

Mobility. ". NET has made it possible to adapt the present for the intranet applications to mobile devices such as PDAs to access them anywhere and in any situation," says Luis Miguel Ramos. "One of the initial objectives that we set at the Foundation was to give full mobility of workers to enable them carry out their work anywhere, thanks to Microsoft what we have achieved," corroborates Jorge Perez.

Minimal learning curve. "The workers of the Foundation were not familiar with specific solutions, but with Microsoft Internet Explorer, so many learning tools has been fairly easy because they are in a web environment," says Jorge Perez.

Security. "The safety is fully guaranteed thanks to its integration into Active Directory," said Luis Miguel Ramos

Active management of knowledge. "In 2004, managed approximately 126 consultations monthly through intranet", says Pérez.

For more information

For more information about Microsoft products and services, call Customer Service: 902 197 198. For more information about Microsoft products and services for large organizations, see our Web site: [www.microsoft.com / enterprise](http://www.microsoft.com/enterprise).

For more information about the products and services For more information about the products and services Tecnocom, call 901 900 900 or visit their Web: www.Tecnocom.es

For more information about the products and services Foundation Andalusian Social Economy Network, call 954 933 780 or visit their Web: www.redees.net

Microsoft Visual Studio .NET

As a component of the operating system Microsoft Windows®, Microsoft® .NET Framework can build and run the next generation of Web applications and services based on XML. It provides a highly productive business environment, standards-based and multi-language that simplifies application development, allows developers to take advantage of their knowledge, facilitates integration with existing software and facilitates the challenges of distributing and managing applications. The .NET Framework consists of two main parts: the Common Language Runtime and a library of classes hierarchical and unified that includes a revolutionary advance in Active Server Pages (ASP.NET), a complete environment for building client applications (Windows Forms) and a subsystem for access to data weakly associated (ADO.NET). For more information on .NET Framework, visit: <http://www.microsoft.com/spanish/msdn/netframework>

Software and Services

■ Products

- Microsoft Visual Basic .NET
- Microsoft Visual Studio .NET 2003
- Microsoft Exchange Server 2003
- Microsoft Office SharePoint Portal Server 2003
- Microsoft SQL Server 2000

■ Technologies

- Active Server Pages
- Microsoft .NET Framework
- Microsoft Pocket PC
- Microsoft Windows SharePoint Services

© 2003 Microsoft Corporation. Todos los derechos reservados. Este case study se publica únicamente con propósito informativo. MICROSOFT NO OFRECE GARANTÍAS, NI EXPRESAS NI IMPLÍCITAS, EN ESTE RESUMEN. Microsoft, Active Directory, Windows, el logo de Windows, Windows Server, Windows Server System, son marcas registradas o marcas comerciales de Microsoft Corporation en los Estados Unidos de América y/o en otros países. Los nombres de compañías y productos reales mencionados pueden ser marcas registradas de sus respectivos propietarios.

Fecha de Publicación: junio, 2005

Microsoft®