

Single sign-on solution and encryption of sensitive data

The Spanish Ministry of the Environment (Ministerio de Medio Ambiente) was looking for single sign-on for its Windows and SAP platforms, and for encryption capabilities for exchanging sensitive data. It contracted REALTECH Spain to develop and implement a solution to meet its needs.

: success story

Spanish Ministry of the Environment



Thanks to add-on functionality implemented by REALTECH, users can now be assigned to different SAP profiles and systems via the active-directory user-maintenance tool. As a result, all SAP users at the Ministry are now managed directly within the corporate LDAP directory (Windows 2000 ADS).

Management tasks have been simplified by synchronizing LDAP users with the various SAP systems via the central user administration (CUA) system on SAP Web Application Server.

The solution implemented by REALTECH has enabled the Ministry of the Environment to streamline the sign-on process, eliminating the need for additional user names and passwords when logging on to its SAP systems. In other words, when employees log on to Windows, they are automatically signed into the SAP systems they are authorized to access, without the need to repeatedly enter their user names and passwords. This has contributed to high acceptance among users and IT professionals alike.

Single sign-on is based on Kerberos 5, the authentication system used by Windows 2000. The REALTECH team installed and configured MIT Kerberos, an open-source software package running on HP-UX servers. Kerberos permits data encryption, which allows the Ministry to manage and exchange sensitive information easily, cost effectively and in full compliance with data privacy laws.

About the Spanish Ministry of the Environment

The Spanish Ministry of the Environment (Ministerio de Medio Ambiente) aims to protect Spain's natural environment and to promote the rational use of natural resources. It is also responsible for increasing public awareness of ecological issues. The Ministry has a workforce of around 10,000 – half of whom are based at remote locations.

REALTECH Spain, a subsidiary of REALTECH AG, was founded in Madrid in 1999. A second office opened a year later in Barcelona, firmly establishing REALTECH in the Iberian IT services market. The company currently has over 200 customers, including some of Spain's leading enterprises. REALTECH's Consulting business line provides expert advice on the design, implementation and operation of IT environments. In April 2003, the company signed an agreement with SAP Spain, under which REALTECH will provide SAP technology training in Spain. The flagship product of REALTECH's Software business line is theGuard! System Management Suite. This cutting-edge system and network management solution ensures the high-availability of mid-size and large IT infrastructures.