

Telecommunications

Telvent to modernize Iberdrola's optical fiber network management system

Madrid, November 28, 2003 – Telvent, Abengoa's Information Technology subsidiary, has announced it will supply Iberdrola with a new telecommunications network management system. The new system, called SICOID (Integrated Optical Cable System), will allow Iberdrola to more efficiently manage its telecommunications network, allowing the company to enhance the level of service being offered to its client base.

The Telvent project is a continuation of Iberdrola's mandate to optimize operational efficiency and the quality of client service, while increasing return on investment and further developing its extensive customer base. Telvent will use its network management experience and technology developed by GE Smallworld to create a sophisticated centralized system to monitor and control Iberdrola's cable network. The new system will allow the aggregation, tracking and analysis of data relating to status, occupation, and supported services, and will include a powerful system mapping component, which will display the interrelationship of the telecommunication network elements, providing the system with the intelligence needed to offer the highest possible level of reliability and performance.

This project will be managed by Telvent's Center for Technological Competencies (Centro de Competencias en Tecnologías –SIG Geographical Information Systems), which has developed extensive expertise through the implementation of similar industry solutions. The Geographical Information Systems (GIS) specialization gives Telvent the ability to execute projects quickly and efficiently in any area of activity where geographical components play a key role.

According to Manuel Sánchez Ortega, Telvent's Chief Executive, "This project will enable Iberdrola to fully integrate its Optical Fiber Monitoring System and its System of Distribution Installations (SIGRID), allowing the geographical visualization of the different monitored routes, along with the immediate detection of potential failure points and fiber degradation situations. The Iberdrola project provides a clear indication that Telvent, which has already developed similar projects in Spain, is consolidating its leadership role as a provider of global telecommunication network solutions."

Telvent is also developing other projects for Iberdrola, including the Generation Central Office (GCO) which is responsible for the technical, economic and commercial management of Iberdrola's electrical energy production fleet. Manuel Sánchez added, "The Telecommunications sector in Spain is currently in a process of consolidation where operational efficiency is key to survival, which means that Iberdrola now has a distinct competitive edge in terms of network management and service quality."

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About Telvent

Telvent, Abengoa's Information Technology subsidiary, specializes in IT solutions with high technological added value for specific industrial sectors such as Energy, Environment, Traffic, Transport, Telecom and Public Administration. Telvent is a leading supplier to these industries in Spain, North America, Latin America and Asia.

With over 40 years experience in industrial supervisory control and business process management systems, Telvent executes projects and provides technical services in the field of mission-critical, realtime control and information management. With the most comprehensive portfolio of outsourcing and consulting services, and employing a technology-neutral philosophy, Telvent manages IT and telecommunications infrastructure for an extensive international client base. (www.telvent.com)

About Abengoa

Abengoa, an industrial and technology company with worldwide operations, provides solutions for Sustainable Development, the Information and Knowledge Society and the Creation of Infrastructures. The company is capitalized at over 500 million Euros (31/12/2002) and is listed on the Madrid Stock Exchange. Abengoa operates in four primary areas: Bioenergy, where it is the second largest worldwide producer of bioethanol; Environmental Services, where it is a European leader in various industrial waste market segments; Information Technology, where it has achieved global recognition and has operations in Europe, North America and Asia; and Industrial Engineering and Construction, where it is a leader in Spain and Latin America. (www.abengoa.com)