

Backup Control Systems Installation

Telvent to supply a backup control system for Petrobrás, in Brazil

Madrid, March 29, 2004 – Telvent, the Global RealTime IT Company, and subsidiary of Abengoa, has been awarded the contract to supply the Brazilian company, Petrobrás Transport (Transpetro) with a backup control system to manage its liquids and gas pipeline operations. Telvent will provide the engineering and will commission the two control centers that will serve as external backup for the Main Control Center, located in Rio de Janeiro. The new supervisory control and data acquisition (SCADA) system, and liquids and gas administration systems will address all safety and security requirements, allowing for uninterrupted monitoring and control of the Brazilian oil and gas national pipeline network.

According to Manuel Sánchez, Telvent's Chief Executive Officer, "This project represents the most recent collaboration between Petrobrás and Telvent, in a relationship that commenced more than 12 years ago. We have helped Petrobrás and Transpetro, through a service association and field technology, to incorporate physical and environmental safety and security elements, state-of-the-art technology in automation and information management, and operational efficiency in their oil and gas pipeline operation systems."

In addition, Sanchez Ortega said, "Telvent's liquids and gas administration applications are key in enabling Transpetro to share its data, in real-time, with other areas of its organization, such as management, programming and accounting. This exchange of information assists in business operations and decision-making, which is particularly important within the increasingly broad scope of a deregulated marketplace."

Telvent also played a key role in achieving the consolidation of Petrobrás' ten geographically dispersed, regional control centers, into one Main National Control Center. This new center is equipped with a SCADA system, as well as oil and gas pipeline management systems.

From the very beginning of the relationship between Telvent and Petrobrás, Telvent provided co-engineering, systems configuration and software development services, as well as field and remote maintenance services. Telvent is currently working with Petrobrás on planning the future requirements for the Brazilian oil and gas transportation system.

Petróleo Brasileiro S/A (Petrobrás), with head offices in Rio de Janeiro (Brazil), is one of the world's largest oil companies. The State holds a 51% share ownership in this company which has sales in excess of 17,500 million euros per annum. Petrobrás represents Brazil's leading corporate enterprise.

In June 1998, Petrobrás Transporte (Transpetro), a Petrobrás subsidiary, was incorporated as part of the Brazilian oil industry deregulation process. Transpetro carries out oil, gas and liquid products transportation and storage activities.

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About Telvent

Telvent, the Global RealTime IT Company and subsidiary of Abengoa, specializes in real-time IT operations and business solutions with high technological added value for specific industrial sectors such as Energy, Traffic, Transportation and the Environment. 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, real-time 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 activities, provides solutions for Sustainable Development, the Information and Knowledge Society and the Creation of Infrastructures. The company has a capitalization of over 500 million Euros (31/12/2003) and is listed on the Madrid Stock Exchange. Abengoa operates in four important areas: Bioenergy, where it is the world's second largest bioethanol producer; Environmental Services, where it is European leader in different industrial waste market segments; Information Technologies, 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)