

Gas Pipeline Management System Installation

## Telvent awarded another SCADA contract in Turkey

Madrid, December 17, 2003 – Telvent, Abengoa's Information Technology subsidiary, together with its in-country joint-venture partner, SYS A.S., have been awarded a contract to supply an integrated, turnkey SCADA system to Istanbul Gas Distribution and Trade Corporation (IGDAS) in Istanbul, Turkey.

The project includes the installation of a fully redundant OASyS SCADA system at the IGDAS Main Control Center, along with a backup system at their off-site Emergency Backup Center. The system will initially provide connectivity to 800 RTUs and control units, using a private data network. To meet the anticipated future expansion of a rapidly growing gas distribution network, the Telvent installation is designed to handle increases in field monitoring equipment, with no associated system performance degradation. In addition to an integrated suite of advanced standard and custom applications, the system also features an advanced Call Management System for dispatching trouble call reports using radio-based PDA technology. The new trouble call system will enable IGDAS field technicians to respond quicker and more efficiently, in the event of a potential gas supply disruption.

According to Manuel Sanchez Ortega, Telvent's CEO, industry experience and reputation played a key role in being awarded this significant contract. "We have been installing advanced industry-leading SCADA and information management systems around the world for more than three decades," he said. "For example, BOTAS, the national gas and oil pipeline company in Turkey is already using Telvent's OASyS technology to monitor and control Turkey's national gas transmission pipeline. The IGDAS project further validates our role as the industry-leading Global RealTime IT Company."

### About IGDAS

IGDAS (Istanbul Gas Distribution and Trade Corporation) is the Istanbul Metropolitan Municipality-owned company that distributes natural gas to more than 2,240,000 subscriber customers, and approximately 300 industrial consumers. Istanbul, the only city in the world located on two continents – Europe and Asia – has a population of more than 10 million. In 2003, IGDAS will supply approximately 3 billion m<sup>3</sup> (105 billion SCF) gas to its customers through a network comprised of more than 850 km (528 miles) of steel pipe and 7,000 km (4,350 miles) of polyethylene pipe. 75% of the gas supplied by IGDAS is consumed by residential customers and 25% by non-residential customers.

- more -

### **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](http://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](http://www.abengoa.com))

### **About SYS**

SYS is a leading SCADA system supplier and system integrator in Turkey for Oil & Gas, Water & Waste Water and Electric industries. SYS is a Technical Alliance Partner of Telvent in Turkey, as well as an authorized Value Added Reseller (VAR) of Telvent's SCADA solutions, which has lead to the realization of major SCADA system projects in Turkey together.

With over 10 years of experience in industrial automation systems, SYS has been involved in all aspects of Supervisory Control and Data Acquisition Systems, from design to commissioning, as well as the operation and maintenance when requested by the customers. ([www.sys-inc.com](http://www.sys-inc.com)).