

Information Technologies

Telvent, the holding company of Abengoa's businesses in the Information Technology sector, provides high value-added solutions in four industrial sectors (Energy, Traffic, Transport, and the Environment). Its technology allows companies to make real-time business decisions utilizing data control and acquisition systems, as well as leading-edge operational applications that provide companies with secure and efficient information.



With Information Technology... we transform data into knowledge, providing effective operational and business real-time decision making for traffic, transport, energy and environment

International leader in the energy, traffic, transport and environment sectors

www.telvent.com



Energy

Electric

During 2005 the growth rate of recent years was maintained, consolidating Telvent's leadership position in Spain, Mexico and Brazil, both for telecontrol equipment, including SCADA systems, as well as high-level management systems. The latter area represents a new segment in which Telvent is positioning itself, derived from developments that are the result of an ambitious R&D&I policy as well as by means of acquisitions such as Miner&Miner, whose applications are a worldwide reference for the management of technology assets for electrical companies, based on geospatial-referenced information.

In Spain, the investment effort by the major electrical companies has continued in response to the increase of demand, as well as the ongoing improvement and enlargement of electrical systems in distribution and transmission. Investment plans for the coming years indicate that strong customer demand and technological alliances will continue to be the norm, enabling Telvent to maintain and improve its privileged position in this market.

In Mexico and Brazil, Telvent has obtained important contracts, especially in the transmission segment. This sector is particularly active in both countries due to the government initiative to reinforce the high-voltage networks and extend the supply of reliable electrical energy to those geographical areas that were previously unable to obtain an adequate supply of electricity.

In the rest of Latin America, it has been an especially positive year for Telvent, which has again successfully executed several large projects and obtained valuable new references after some years in which the market was experiencing uncertainty. In countries such as Paraguay, Colombia, Chile, Argentina, Venezuela, and Peru a very intensive commercial and project execution program has been developed. Based on these and other developments, it is clear that Latin America has finally reassumed its role as one of Telvent's main strategic areas for development.



By the end of the year the first customer reference in automatic metering reading (AMR) systems was obtained as a result of the awarding of the AMREVA3 Project for the Vattenfall Swedish distributor for a total amount of 67 Million Euros. The awarding of this huge project is the result of years of continued investment in the development of electric measurement solutions. This in turn will enable Telvent to position itself as one of the main players at the worldwide level in this business sector. Substantial growth in this sector is expected here in all of the geographical areas during coming decades.

Within the Electric sector, the most significant project awards during the year 2005 include the following:

In Spain:

- Contract for the Remote Energy Command System for the AVE (High-Speed Train) between Cordoba and Malaga, for ADIF. This project encompasses the complete turnkey supply of all the equipment at the Control Center level and field level along the line.
- Supply, Installation and Commissioning of Control Systems, based on Telvent's technology for the sub-stations of the Transmission Network of Red Eléctrica de España.





- Supply, Engineering, Installation and Commissioning of Control Systems for the substations for the Distribution Network of Sevillana Endesa in the regions of Andalusia and Extremadura, in Southern Spain.
- Contract with Endesa for the Supply, Engineering, Installation and Commissioning of the Remote Control Equipment for the management of the Electric Network at medium-voltage level.
- Open Contract for the Supply of RTUs (remote terminal units) for the Northwest Hydraulic Production Unit of Endesa Generacion. These RTUs will be installed in hydroelectric stations where the control and supervision functions of the station will be assumed, ensuring the operation of these installations, which are fundamental in maintaining an efficient and balanced energy program for the country.
- Contract for the Control Engineering, Supply and Testing of the Distributed Control System for the solar plants PS10, PS20 and PV that Abener is building for the Sociedad Solucar Solar in Sanlucar la Mayor (Seville).

In North America:

- Contract with Taunton Municipal Lighting Plant to upgrade their existing Distribution Management System. The upgrade will utilize Telvent's latest-generation OASyS DNA supervisory control and information management system technology.
- Contract with Silicon Valley Power to implement ArcFM and Responder OMS.
- Contract with Salem Electric Department to upgrade the City of Salem's existing Distribution Management System with the latest OASyS DNA technology platform.
- Contract with Northern Virginia Electric Cooperative to implement ArcFM and Designer as their enterprise GIS asset management and design solution.
- Contract with Eugene Water & Electric Board to implement ArcFM, Responder OMS, and ArcFM Viewer.
- Contract with CoServ, a not-for-profit utility serving Northern Texas, to provide the Responder outage management system, which will facilitate effective power restoration for its 105,000 electric, retail, and business customers.

- Orlando Utilities Commission contracted to implement ArcFM Viewer as a mobile application for its 190,000 electric customers and 130,000 water customers.

In Latin America:

- Contract for the supply of the SCADA System for the Edenor company, which is one of the primary distributors of Electric Energy in Buenos Aires (Argentina).
- Control, Protection and Telecommunication Systems for the Substations for the High-Voltage line Colinas-Ribeiro Gonçalves-São José de Piauí-Sobradinho for Abengoa Brasil, who work as concessionaire and contractor of the National Agency of Electric Energy (ANEEL) in Brazil.
- Control and Protection Systems for nine Substations for the Electric Energy Transmission Network of Mexico for the Federal Commission of Electricity.
- Contract for the Distributed Control System for the Remodeling and Transformation in a Combined Cycle layout of the Thermal Generation Plant Emilio Portes Gil, which is being executed by Abener Energía S.A. for the Federal Commission of Electricity in Mexico.

In other countries:

- Contract for the Supply, Installation, Support and Maintenance of 300,000 house counters along the whole territory of Sweden for Vattenfall. With this contract, the complete service of electric energy measurement management, a process absolutely critical for a company like Vattenfall, which is the fifth electric group in Europe.





Oil and Gas

In 2005, Telvent completed a targeted transition from a data acquisition and control application provider into an enterprise level, integrated solution provider of business applications and IT infrastructure. This in turn has enabled Telvent's oil and gas customers to transition their operations into a secure, truly RealTime IT enabled business. This strategic shift was made possible not only through continuous improvements in Telvent's products and services, but also the added strength and flexibility contributed by the strategic alliances that Telvent has created with SAP, ESRI, Symantec and OS/soft during the past year.

In Mexico Telvent continued with its leadership position obtaining new customer references, which has allowed us to maintain our ongoing relationship with the three major companies that manage the Oil & Gas business in Mexico: Pemex Exploración y Producción, Pemex Gas y Petroquímica Básica and Pemex Refinación. Including the recently awarded projects, Telvent will have supplied 39 of the 50 SIMCOTs (system for control and measurement) that PEMEX Refinación, which accounts for 80% of the depots in Mexico.

In Spain, we have continued the commercial activity and execution of projects with several major companies that have been customers of Telvent for several years, such as CLH and Gas Natural. Concerning CLH, it is significant to recognize the launch of the APAS Project, designed to manage all of the product movement through the Spanish Oil Pipeline Network, based on the Simsuite product developed completely by Telvent.

Regarding the development of new products in 2005 the development of the gasCAT solution family for the remote control of installations was completed. This family includes several remote systems and modules that make it possible to configure solutions that are fully adapted to the varying and demanding requirements of customer installations in the gas transportation and distribution business.

The global energy industry continues to look at the direction, initiatives and projects of the North

American oil and gas sector as a blueprint for their future investments and success. Telvent's strong performance in North America and abroad during 2005 signifies an increasingly important role for this company in energy infrastructure development in the years to come.

Within the Oil and Gas sector, the most significant project awards during the year 2005 include the following:

In Spain:

- Contract with Compañía Logística de Hidrocarburos in Spain for the Advanced Software Applications System Project (also known as the CLH SimSuite Pipeline Project). Telvent will supply a full suite of pipeline simulation products, including high fidelity leak detection, batch tracking, operational forecasting, power optimization and operator training simulation.

In North America:

- Pembina OPANS to POLARIS Migration Study (Phase 1). Telvent was awarded a consulting contract to assist Pembina Pipeline Income Fund with the migration planning for their oil movement and accounting system (OPANS). The scope includes a migration plan for the existing Pembina application using the Polaris POLARIS framework as a basis for new development.
- Pembina SimSuite Leak Detection Pilot Project (Phase 2). Telvent signed a contract with Pembina Pipeline Income Fund to engage in a pilot project aimed at demonstrating the capabilities of its SimSuite Pipeline Leak Detection System (LDS).
- Contract with Buckeye Partners LP to replace Buckeye's existing OASyS 5.2.2 system at Macungie, Pennsylvania.
- Contract with Southern Star Central Gas Pipeline to upgrade their existing SCADA and measurement system, including the polling network and Control and Measurement portions.
- Contract with Equistar Pipeline Company to replace and upgrade the information management, monitoring and control system on its products pipeline system.
- Contract with Gibsons Energy to upgrade their existing SCADA system. The upgrade will benefit





the planned expansion of a crude oil blending facility to be built in Edmonton (Canada), a facility that will also act as a back-up for the main terminal at Hardisty (Canada).

- Telvent was selected to provide CenterPoint Energy with a Distribution Automation Control System (DACS).
- Contract with TEPPCO to provide a SimSuite Pipeline Operator Trainer and the SimSuite Pipeline Engineering and Analysis Tool
- Contract with New Jersey Natural Gas to implement ArcFM and Designer as their enterprise GIS.

In Latin America:

- Contract with PEMEX Refinación to implement a control system to manage their storage and distribution depots.
- Completion of a contract with Metrogas, the largest natural gas distribution company in Chile, of an ArcFM implementation, including integration to SAP.
- Contract with Energía Mayakán. Telvent achieved mechanical completion for the delivery of Phase II of the Ciudad Pemex to the Yucatan Peninsula gas distribution pipeline project.

In China:

- Alashankou-Dushenzi. Telvent was awarded the contract for the Alashankou-Dushenzi crude oil pipeline SCADA system by the China Petroleum Material and Equipment Corporation (CPMEC).
- Guangdong Dapeng LNG. Telvent was selected to provide its Gas Measurement & Accounting System (GMAS), Gas Day Operations (GDO) and Pipeline Operations Logistics And Revenue Information System (POLARIS) business applications for the Guangdong Dapeng Liquefied Natural Gas (GDLNG) Project.
- Chongqing Gas Group Corporation. Telvent was selected to provide a SCADA solution (OASyS DNA) for Chongqing Gas Group's Gas Distribution System.
- Sinopec (Luwan Pipeline). Telvent will install its OASyS system on site starting with setup, configuration and testing, on the new 583-kilometer Luwan products pipeline.



In other countries:

- Contract with Società Gasdotti Italia S.p.A. (formerly Edison Gas) for ongoing maintenance and system enhancements.
- Contract with Saudi Aramco Service Company to upgrade the Communications Supervisor Alarm System. Saudi Aramco has added new RTU devices to their system that require another protocol DNP3, which Telvent will be providing as well.
- Indian Oil Corporation. Telvent was awarded a value added reseller contract with Larsen and Toubro Limited to supply the Paradip to Haldia products pipeline SCADA system in India.
- Contract with Energex Gas to provide ArcFM for gas network management.
- Completion of the Trans Thailand Malaysia pipeline software acceptance test. The project involves onshore and offshore pipelines that transport gas from the Malaysian-Thai Joint Development Area (offshore) to the Peninsular Gas Utilization pipeline at Changlun in Kedah, Malaysia. This linkage will mark a major step towards realizing the trans-ASEAN Gas Grid project.





Traffic

Telvent has continued to strengthen its position as a national and international leader in products, applications and services for the Intelligent Traffic Systems sector, both in urban and interurban settings, offering global solutions for traffic control problems in cities and for the control, surveillance and management of highways. The installed systems are designed to provide enhanced optimization of the level of traffic service conditions, while contributing to the overall safety of highway infrastructure.

The level of technological evolution and the consolidation of the national market after 30 years in the sector have been the key factors that have boosted international growth.

In the international traffic sector, 2005 was a year in which record contracting figures were achieved and also the year in which Telvent commenced operations in new markets such as Ireland and Lebanon, countries in which technologically significant projects were executed. In Latin America, Brazil remains in an economic slowdown, continuing to postpone investments in traffic and transport infrastructures and in information technologies. On the other hand, however, there has been increased project activity in Argentina. It is important to note that in China, Telvent's project success continues to demonstrate its undeniable leadership in the traffic sector.

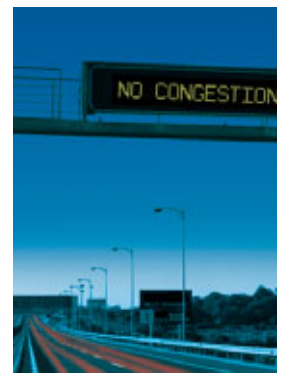
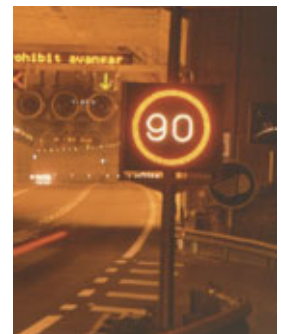
Within the Traffic sector, the most significant project awards during the year 2005 include the following:

In Spain:

- Completion of the enlargement of the security and control systems for the La Caniza tunnel (Pontevedra).
- Completion of the adaptation and repositioning of affected services for the CCTV infrastructures and Fiber Optics network, Traffic Control systems for facility and surrounding area access and the associated equipment for the Municipality Coordination Center at the Barcelona 2004 Forum.
- Completion of the installation of signposting and control equipment for the M-50 highway between the A-1 and A-2 highways (Madrid).
- Completion of the dynamic signposting and Traffic

management in the A-8 highway, specifically, the Santander - Castro Urdiales and Torrelavega – Pesues sections; the A-67 highway, at the Polanco - Torrelavega - Los Corrales de Buelna section; and the S-20 highway, Northern Ring Road in Santander.

- Completion of the supply and installation of the systems included in the Traffic management project for the city of Ceuta.
- Completion of the control center and installation of Traffic Control systems and road security, access control and the exploitation aid systems for Urban Transport (Tetra communications network), included in the Almeria Digital City project.
- Award of the integrated Improvement Plan for the Public Space in the city of Barcelona. 2004-2007. This contract includes the total renewal of the public lighting and the improvement of the traffic lights.
- Contract for the improvement of the Highway Security, Dynamic Signposting and Surveillance of Traffic Status on the most important incoming roads for the city of Almeria, the system management for which will be facilitated from the Control Center installation, which is also part of the contract.
- Contract for the installation of cinemometers in the traffic management center located in Madrid and the management of the procedures required to facilitate quicker processing of potential complaints.
- Contract for the maintenance, repair, and adaptation of traffic lights and Traffic Regulation systems for Barcelona city.
- Contract for the maintenance of all of the installation sites and related equipment located on the highways as well as the Management and Communications Center that controls the Traffic systems for the access roads to Zaragoza city and the access roads to the Central Pyrenees.
- Contract for the supply and installation of the control, display and management equipment for the new traffic control room for the City Hall of Madrid.
- Award of the Signposting system equipment, Traffic Control, CCTV, SOS (Emergency) posts, communications and control center (ITS Project) for the Toll Highway Madrid-Levante, Ocaña-La Roda section, and its maintenance for a two-year period (Castilla La Mancha).





- Contract for the supply of 2603 Handheld Communications Terminals and associated computer applications for the Traffic Group of the Guardia Civil (Police Dept.), for the automated management of Traffic Infractions governed by the Circulation Regulations (PRIDE Project).

In Latin America:

- Contract for the SOS post system from the Via Oeste Concessionaire in the Brazilian State of Sao Paulo. With this contract, Telvent consolidates its leadership in the traffic sector, where its traffic control and toll system technology is being utilized by seven of the country's concessionaires.
- Inauguration of the Traffic Control Center for the Intervías Highway in the State of Sao Paulo, Brazil.
- Two-year renewal of the traffic-light installations maintenance contract for the city of Rio de Janeiro, Brazil.
- Renewal of the toll system maintenance contracts for the Rodovías, Autovías and Centrovías highways in the State of Sao Paulo, Brazil.
- Contract for the maintenance service and improvement works project for traffic-light installations in the city of Buenos Aires, Argentina, for the next three years.
- Contract for the red light infraction detection system operation service and implementation of the traffic-light installation improvement project in the city of Rosario, Argentina, for the next 4 years.
- Contract for the maintenance service and implementation of the traffic-light installation improvement project and updating of the Optimus traffic control application for the city of Cordoba, Argentina, for the next 3 years.
- Contract for the modernization of the city of Guadalajara traffic management system which will enable monitoring of more than 800 intersections and Telvent RMY model traffic controllers from a single control center that will utilize Optimus application technology.

In China:

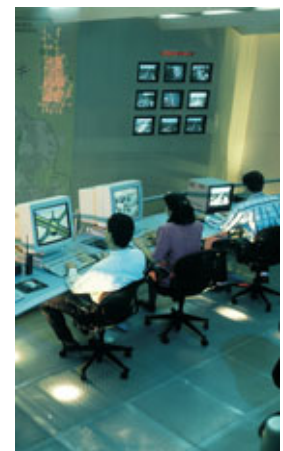
- Project awarded for the Urban Traffic Control (UTC) System for the city of Jin Cheng in the province of Shan Xi, based on the Telvent ITACA application.
- Project awarded for the city of Batou road lane Traffic Control System, Inner Mongolia.



- Inauguration of the city of Peking highway Traffic Control Center, from where all the traffic on the access networks and the highway lane traffic of the city of Peking will be controlled for the 2008 Olympic Games.

In other countries:

- Contract awarded for the N4/N6 Kinnegad-Kilcock motorway toll system in Ireland where, in addition to installing its SmartTOLL solution, Telvent has also supplied its in-house OBEs and antennae for Teletolling.
- Project contract for the implementation of the city of Beirut (Lebanon) urban traffic control systems where, in addition to its urban traffic ITACA solution and red light infraction data acquisition system, Telvent will also provide the city with powerful GIS technology based tools for infrastructure and maintenance management.
- Inauguration of the Bucharest – Cernavoda highway Traffic Control Center, in Romania.
- Ten-year upgrading and technical assistance contract for the SCADA system technology that manages the Oresund Link (between Sweden and Denmark) traffic and infrastructures, which is based on the Telvent OASyS solution.
- Inauguration of the city of Ho Chi Min Traffic Control Center, from where the traffic of the Vietnam city is managed by means of an ITACA application.
- Telvent has consolidated its position in the Tags and Antennae product market, where it now has almost 50,000 Tags and 200 antennae distributed between Spain and Ireland. It has also obtained installation confirmation for these same antennae for the Brazil market.





Transport

The year 2005 saw the consolidation of the Transport sector solutions, applications and equipment, for which investments in technology had been made over the last few years. It also confirmed the road to growth established for this activity over forthcoming years.

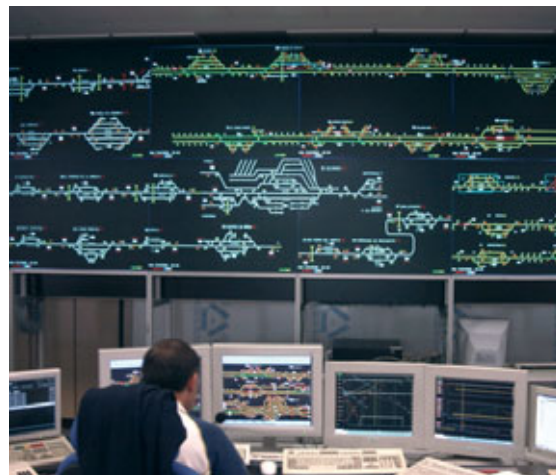
Telvent has completed the development of “e-trans”, its payment platform for transport systems, on which the Mobifast solutions for management of accesses and public transport ticket sales, and Web.Park for the management of parking lots, are based. Both platforms include the most advanced coin control and credit card/contact-less chip card payment technology. This continuous focus on technological innovation has positioned Telvent as the leader in the Ticketing segment in both the national and international levels.

In Spain, the sales volume with recurring customers such as Metro de Madrid, Metro de Bilbao, FEVE, Adif and Cintra has increased, through new products and solutions for station and railway signaling control systems, access control systems and automatic transport ticket vending machines and parking lot control systems. Of special note was the consolidation of Telvent’s leadership in CFC (Contact-free Card) technology through the award of a contract to install and implement CFC readers at the accesses to Zone A (Center) of Madrid Metro. This project was awarded following the successful completion, in 2004, of the pilot CFC reader implementation program. This project will achieve greater flexibility in fare management on the Madrid transport network and will optimize the regulating of traveler access through the installation of contact-free payment technology.

In the railway control and signposting industry, the development of a new applications line for the automatic regulation of trains (REGULA Project) continues in collaboration with various strategic customers. This is in addition to, and complements the current line of products of Traffic Control Centers and Telecontrol of equipment and stations.



In the international market it is important to highlight the consolidation of the international expansion strategy of Telvent with the awarding of the contract for the development and installation of the Ticketing System and the Traveler Information System for the railway project between Caracas and Puy (Venezuela), which will make it possible to manage travel information and offer improved customer service.





Within the Transport sector, the most significant project awards during the year 2005 include the following:

In Spain:

- Pilot Project for the Implementation of Type A Contact-free Validation Technology Metrosur (Metro Madrid).
- First phase of the Contact-less card Implementation Project; validation equipment at Area A toll stations (Metro Madrid).
- Supply and Installation of 53 Automatic Ticket Vending Machines (RENFE San Sebastian).
- Supply and Installation of Access Control equipment for travelers in the Suburban Railroad Stations of Bilbao (RENFE).
- Supply and Installation of an Access Control System and Automatic Vending Machines for the Portugalete and Abatxolo Stations of line 2 of Metro Bilbao.
- Supply and Implementation of toll equipment for the access control of travelers for different stations of lines 4 and 5, enlargement of lines 1 and 11 of Metro Madrid.
- Renewal of the Railroad Traffic Control Center of Santander (FEVE)
- Integration of the Vic-Ripoll-Puigcerda line in the Railroad Control Center of Barcelona. (ADIF)
- Integration of the Hospitalet, LaTorrassa-Sants and Sant Boi de Llobregat-Hospitalet section in the Control Center of Barcelona (ADIF).
- Modifications of the Control Center of Barcelona due to the enlargement of platforms and line conditioning in the Barcelona's Francia Station. Remodeling and enlargement of the line beam of the Proximity base in Montcada, junction and enlargement of line capacity of the San Andres Condal station (ADIF).
- Supply and Installation of equipment and development and system/software integration services required for the implementation of the Teleparking System (Interoperable with VIA-T), under the Web.Park Platform (Cintra Aparcamientos-Barcelona).
- Contract for the Supply and Installation of the management and control system for 5 parking lots in Vilanova i la Geltrú. Serveis d'Aparcaments de Vilanova i la Geltrú.



- Integration of the identification plate recognition system in the management and control systems for parking lots that Cintra Aparcamientos operates.
- Control and Management System for Parking lots in the three new parking lots (Zarauz, Sant Cugat del Valles, Hospital Ramón y Cajal, in Madrid) belonging to Cintra Aparcamientos.

In Latin America:

- Supply and Installation of the Access Control System and Automatic Vending System and Traveler Information System for the railroad project between Caracas and Tuy. (Venezuela)
- Finalization and Inauguration of the access control system for the Belo Horizonte Metro.

In China:

- Completion of the first phase of the project being executed for the city of Tianjin metro system, which consisted of the public opening in "free tour" mode of the Tianjin metro Access and Automatic Ticket Sales Systems. The system, based on contact-free card technology and tokens is currently considered to be the most advanced metro ticketing system project in China and is becoming a reference for the future metro systems currently at the development phase in China.





Environment

In 2005, Telvent continued with the global expansion of its Environment business, and especially the meteorological business as a result of the acquisition of Almos Systems, through which Telvent has obtained access to a set of value-added meteorological solutions, and has also gained strategic entry to new geographical and high growth potential areas of the world, including Asia-Pacific and Europe. Based on this industry portfolio increasing steadily to reach 30 million euro by the end of 2005 (50% more than the figure one year ago), the acquisition of Almos Systems will contribute with a significant additional portfolio of 20 million euro.

In 2005, Telvent has renewed its leadership position in Spain in the fields of Meteorology, Water and Environmental Protection. In addition to renewing all of its current maintenance, the most important meteorological equipment contracts with the Instituto Nacional de Meteorología and AENA (Spanish Airport Authorities) have been awarded.

At a national level, two significant contracts should be highlighted:

The first Telvent Contract for a Traffic administration system in North America was awarded by the Ministry of Infrastructures and Transport of Alberta (AIT) for the implementation and operation of a Meteorological Information and Prediction System (RWIS) for a period of 10 years, for the highway network in the province of Alberta, Canada.

The first Contract in the field of Environment in Brazil, consisting of a water supply control and management system for the metropolitan area of Belo Horizonte, was awarded to Telvent by Copasa. The project scope also covers the installation of a SCADA system that will include GIS and value-added applications such as hydraulic consumption simulation and prediction models, as well as asset management and maintenance management systems. The Copasa Project will enable the integration of the Miner & Miner products in Telvent's global solution for water utilities.

Within the Environment sector, the most significant project awards during the year 2005 include the following:

In Spain:

- Installation and Commissioning Contract for a Meteorological Radar System on Majorca for the National Institute of Meteorology.
- Supply and Installation Contract, in operating conditions, of an Automated Information System for the Terminal Area (ATIS) of the Gran Canaria, Malaga and Palma de Majorca Airports.
- Contract for the Update of the existing Meteorological Communications Management Equipment (ECGM) of 35 Spanish airports, so they can fulfill the new Amendment N° 73 of the ICAO., for the Spanish Airport and Air Navigation Authority (AENA). This project was also completed in 2005.
- Contracts for the Renewal of the Maintenance Service for the Meteorological Observation Equipment in airports and air bases, and meteorological radar for the National Institute of Meteorology.
- Contract for the supply of Meteorological Aid Systems for the Palma de Majorca airport and the





FAMET Base of Almagro, for the National Institute of Meteorology.

- Contract for the supply, installation, and commissioning of the Tetra (Telvent TetraNode) Digital Radio-communications Systems for the Menorca and Seville airports, for the Spanish Airport and Air Navigation Authority (AENA).
- Renewal of the Contracts for Maintenance and Management of Emission (CEM) and Immission (RVCA) Network Data of atmospheric pollutants for the following companies: Viesgo, Cepsa, Holcim, Union Fenosa and Covisa.
- Renewal of the Maintenance Contract for the Air Quality Surveillance Network of Seville, for the Seville City Hall.
- Renewal of the Maintenance Contract for the Air Quality Surveillance Network of Valencia, for the local government (Generalitat) of Valencia.
- Two-year Contract for the Exploitation and Maintenance Services for the Automatic Hydrological Information System for the Hydrographical Basin of the Guadalquivir River, for the Ministry of Environment. This contract is being executed jointly with Befesa Construcción y Tecnología Ambiental, a subsidiary of Abengoa.
- Contract for the Enlargement of the Automatic Hydrological Information System (SAIH) of the Hydrographical Basin of the Guadalquivir River, for the Ministry of Environment. This contract is being executed jointly with Befesa Construcción y Tecnología Ambiental, a subsidiary of Abengoa.
- Commissioning of the Low Level Wind Shear Alert System (LLWAS) for the Reina Sofia airport in South Tenerife, for the National Institute of Meteorology. This system is the first to be in service in Europe, and will enable wind shear event notification to aircraft pilots and air controllers in real time during the take off and landing operations.
- Commissioning of the new ATIS Systems for the Malaga and Palma de Majorca airports has been completed. With the use of the ATIS System, Telvent will dramatically reduce the load of land-air voice communications in the VHF band, allowing controllers to increase their focus on Air Traffic Management tasks.

In Europe:

- Contract with the Dutch Air Force for the software and hardware update of their Meteorological Prediction System (METIS).



- Contract for the supply, installation, and commissioning of an Air Navigation Aid System network in seven airports in Belgium, for Belgocontrol. The installation and acceptance test of the first of the seven systems was completed successfully for the Brussels Airport.
- Supply, Installation and Commissioning Contract for the National Network of Automatic Meteorological Stations (400) of Switzerland for MeteoSwiss. In 2005 the initial pilot phase was completed successfully.
- Contract for the supply of new meteorological prediction systems for the Air Force of Belgium (BAF). The installation of the pilot systems is finished; at present, they are in the evaluation period by the BAF.
- Contract with RWE Thames Water to complete a Corporate GIS Solution. The water company serves 13 million wastewater customers and eight million water customers in London and the Thames Valley.

In North America:

- Contract with the Alberta Infrastructure and Transportation Ministry (AIT), for ten years, to supply, integrate and manage the Road Weather Information System (RWIS) on several highways in the province of Alberta, Canada.
- Improvement of the Automation System for the Water Processing Plant of Dublin Rd., for the city of Columbus.



- Contract for the supply of the Water Supply Network Operation System for the city of Albuquerque (New Mexico), updating to OASyS DNA the existing OASyS 6.2 NT System.
- Contract with the City of Winnipeg to replace the original SCADA system installed in the 1990's, which is used to monitor and control the various water collection, storage, treatment, and distribution facilities throughout the City, and the aqueduct inlet.
- Contract with the City of Lee's Summit to upgrade the City's supervisory control and data acquisition (SCADA) system used in the City's daily water utilities operations.

In Latin America:

- Inauguration of the Meteorological Radar system for the State Commission of State Water (CEA) in Queretaro, Mexico.
- Contract for the supply, installation, and commissioning of a Satellite Surveillance System for the Hydro-Telemetry stations of Edegel, Peru.
- Contract for the supply of a remote monitoring and macro-measuring system for sources and stations, connecting into the control center, utilizing an OASyS DNA platform, in turnkey mode, for the Operating Organization of Drinkable Water, Sewage and Drainage (OOAPAS), of Morelia (Mexico).
- Contract for the supply of the Processed Water Distribution Automating System and Geographical Information System (GIS) for the Metropolitan Region of Belo Horizonte (RMBH) for the Companhia de Saneamento de Aguas de Minas Gerais (Copasa), MG-Brazil. Telvent will be responsible for the implementation and integration of specialized software for the Telemetry, Tele-control and Tele-surveillance of the entire Processed Water Distribution Network of RMBH

In other countries:

- Contract for the detailed design of a Meteorology Prediction and Data Processing System for the General Management of Civil Aviation in Kuwait.



This system makes up the basic structure of the National Meteorology System, and includes super-computers that execute numerical prediction models, manage climate data bases and produce weather and climate predictions at the national level. The system includes a land satellite station, a messaging switcher (AFTN/GTS), D-ATIS/D-VOLMET, a TV Studio and pilot terminals for report self-generation.

- Contract for the design and turnkey implementation of a national network of Automatic Weather Stations (AWS) for the General Management of Civil Aviation in Kuwait. All of the marine and land meteorological observation systems for the Meteorology National Service of the Kuwait State will be fully integrated. The Factory Acceptance Tests were performed successfully in 2005.
- Contract with Townsville City Council, in North Queensland, Australia, to deploy ArcFM for management of their water, wastewater, and stormwater networks.





Public Administration, Health, Outsourcing and Technologies Infrastructure Management

A small percentage of Telvent's business has historically provided opportunities for opening new business lines that we believe will satisfy one of the following two requirements: potential to transform into a strong sector in the future; possibility to provide access to new technologies or services that can be applied to areas in which we operate (or are conducting research and development activities).

In 2005, the activity in the Health and Public Administration market segments corresponded to 6% of the total business of Telvent, having had a growth of 100% in a one-year period, which consolidates this business as a new vertical business in Telvent. The strategy for this market was based on a strong investment in R&D&I; for example, in the Health market, it has consolidated the TiCares product suite, making it a leading product in Spain. Also, in the e-Government strategy, the continuous investment in TiWorks turned it into a market leading solution in the Central and Local Administrations.

Within the Public Administration area, the most significant project awards during the year 2005 include the following:

- Maintenance and Support service contracts for the Carlos Haya hospital in Málaga, the Inmaculada hospital in Huerca-Overa, the Jerez de la Frontera hospital, the University Hospital in Puerto Real, the University Complex of Torrecardenas in Almeria, the Virgen de las Nieves hospital in Granada and the Virgen Macarena hospital in Seville, as well as the Patient Information Systems contract award for the Andalusian Health Service.
- Contract for the Maintenance Service for the Production Applications for the First Level of the Systems Plan for Servei Catala de la Salut.
- Integrated Command Station for the Andalusian Health Council; during the month of November the design milestone of the Pilot Phase of the Project was accomplished.
- Contract for the Management and Information System for the Early Colon and Rectum Cancer Detection Program for the Institut Català d'Oncologia (ICO).
- In the RIS-PACS Area, the contract awards were made for system installation work for the Juan

Ramon Jimenez hospital in Huelva, and for the Antequera hospital and the Soria hospital. The Centralized RIS of the SAS was also consolidated, which is unique in its class Spain.

- A contract award from the Andalusian Health Service for Corrective and Evolutionary Maintenance Service, as well as technical support for the information systems of the hospitals in Baza, Motril and Algeciras.

In the Central Administration sector, this past year has been very important, because customers have been consolidated, and two new client references have been created. This represents an important step forward in the development strategy of the digital government for Telvent, the highlights for which are included below:

- Ministry of Public Administrations: Development, Hosting, and Operation of the validation platform and corporate signatures, based on the TiSigns product, which is part of the TiWorks Suite. This project represents the consolidation at the national level for this signature product from Telvent.
- Spanish Police: Passport Forgery Management System for all of the Spanish borders, which has created one of our most important client references at the European level.
- Other customers from which we have obtained references are: the Ministry of Promotion, the Ministry of Economics, the Tobacco Commissioner, the CMT, and the CNE, which allows Telvent to be involved in one-half of the Spanish Ministries.



Within the Local Administration area, the most significant project awards during the year 2005 include the following:

- In the Almeria City Hall, within the administrative concession for the design, building, and exploitation of an Advanced Digital Services Center for the urbanization of «El Toyo» and the City of Almeria, the building was finished and the Digital services were placed into service for the city.
- City Hall of Madrid: Normalization of the data bases and development of their query and update systems for the Internet, for the Government Councillorship of Security and Community services.



- Seville City Hall: Back-up System for the City Hall systems in Telvent's Data Center. This node serves all the Councils and Public Companies of the Andalusian Board.
- City Hall of Granada: Four-year Project for the development of Information Systems of the Electronic Government of the City Hall, including the important TiSAC module for the Citizen Help Management.
- City Hall of Malaga: Computer Security System of the servers of this administration.

And in the different Autonomic Governments:

- In Andalusia the BRS and NISA centers from the Andalusian Board were put in operation. The finalization of the TiSAC module must be highlighted; it is a CRM system, specialized in the public segment which is in operation in several City Halls.
- In the Community of Madrid, there are a variety of different projects with Arpegio; of particular significance is their Purchasing System.
- In the Principality of Asturias several projects of Electronic Government have been awarded.
- In the Catalanian Community, the CatSalut and ICO customers were previously mentioned.

With regard to International activity, the following projects should be highlighted:

- In Mexico, the enlargement of the Electronic Documentation Exchange System for the Port Community of Veracruz was performed.
- In the Dominican Republic, several projects were contracted relating to the development of the Knowledge Society, especially for the relationship between the Central Administration and the Citizens.

In reference to the Outsourcing Area and Technologies Infrastructures Management, during 2005 we have noticed an increase in the number of IT systems outsourced by the Public Administration in order to assure both a 24x7 coverage of the services that citizens receive as well as the interconnection with other public entities. Also, organizations are becoming more dependent on IT for satisfying their customer needs. This supports Telvent's strategy to dynamically adapt the IT services

offered to the particular requirements that businesses and customers have.

In 2005 there has been a consolidation on the evolution of the profile and types of requests that customer have, having gone from contracts where the most important issue was square-foot for hosting of equipment, to a global coverage of integrated services where the service level agreement is the framework in which the relationship with the customer is based. We can see this evolution in many of the projects we have executed, among which include the following:

- Awarding by Radio Televisión Española of the High-Availability Dedicated Hosting for its Platform on Internet. The platform consists of a three-level architecture formed by a first level of redundant Internet Access without a single point of failure, a second front-end level accessible from a dedicated firewall and a final back-end level where the different applications, databases and other services reside.
- Contract with Adeslas for the outsourcing of its main Data and Contingency Centers in Telvent's infrastructures, increasing the services already contracted. Under this four-year contract, Adeslas will house its technological platform in Telvent's two buildings in Madrid and will also utilize the communications service to interconnect both buildings.
- Contract with Dante to house its backbone node in Telvent. Dante provides the infrastructure for essential data communications in research projects in Europe (among others, EuropaNET, TEN-34, TEN-155 and GÉANT networks).
- Contract to monitor the Nuclear Safety Council's systems utilizing its HP Openview centralized management platform through a Virtual Private Network.
- In addition, it is interesting to highlight the projects developed during 2005, including: Ya.Com, S21 Sec, Ibermatica, CapGemini, Opera, Arroba, Alcobendas Town Council, RediRis, Vueling, The Association of Small and Medium-Size Companies of Catalonia, CESCA, Agapea, and The National Energy Commission.

