



# ***E-vote 2011***

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**Résumés**

**Project: E-vote 2011**

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**JAVIER FERNANDEZ**  
**Director of Operations**

**Summary**

- 26 years of experience in the Elections field.
- More than 18 years as Operational Manager with full responsibility for the management of the 80 full time personnel in the department and the acquisition of resources and temporary staff for the high profile projects

**Qualifications**

- Industrial Engineer. Universidad Politécnica – Madrid (1977 –1983)
- Master in Business Administration. Instituto de Empresa Business School (Madrid, Spain) 2000

**Professional Experience**

Mr. Fernandez has led the development of the portfolio of products and services that the Elections Department currently holds. His responsibilities involve an in-depth knowledge of the electoral world and liaison with a variety of Government agencies, groups and institutions involved. He has been project director of many elections projects in three continents and has been very successful in providing innovative solutions for electronic voting and counting. He is recognized as an authority within the elections market.

**Electoral Experience**

Just in the past five years, Mr. Fernández has lead as project director the following election's projects:

- Angola Parliamentary Elections (June-Oct 2008): This project involved the deployment of the IT infrastructure, software development, training of local staff and reporting of results intranet to count and report the elections results. In addition, 8,000 mobile devices were deployed across the country to supply registration information to voters. Indra supplied also 54,000 electoral kits to polling stations including 11 million ballot papers.
- Greater London Authority 2008 Mayoral and Assembly Elections (April 2007- June 2008): Outsourcing of the electronic counting system for the elections. Set up of the three super counting centres where 8.5 million ballot papers were scanned and counted in 10 hours. Set up of the central location at City Hall where results were consolidated and reported. Supply of 12 million ballot papers, 10,000 ballot boxes and the training programme for 350 staff
- Oslo (Norway) 2003,2005,2007 and 2009 : Electronic counting of ballot papers for Oslo
- 15 Municipalities of France 2005, 2007, 2008: certification of Indra's voting machines, projects in 15 local authorities (Reims, Hazebrouck, Wintzenheim, Vandeoubre, Savigny Le Temple..) using the touch screen voting machines, consolidation and reporting of election results
- Ministry of Justice (UK) framework contracts 2003-2007 and 2007-2010: certification of Indra's electronic voting solution (internet, telephone, voting machines, e-counting) as part of the election modernization programme lead by the Ministry. Negotiations and signature of two framework contracts to implement the technology in local elections pilots across England.



## JESÚS ORBEGOZO

### Project Manager

#### Summary

- More than 15 years experience in Operational and Technical Management (IT) with 4 years experience in the field of Electoral Processes.
- Seven years of direct profit and loss responsibility managing organizations, preparing budgets, acquiring resources and personnel, and direct sales and marketing

#### Qualifications

Software Engineer. Universidad Politécnica – Madrid (1991 –1994)

Master in Business Administration. Instituto de Empresa Business School (Madrid, Spain) 2004

#### Professional Experience

Mr. Orbegozo, Technical Director of the Elections Department, joined the company in 1997. A Telecommunications Engineer, he is highly experience as project managing the delivery of state-of-the-art technology system for customers across the world. His experience before joining in the Elections Department is as follows:

- January 2004 – 2006: Account Manager Telecommunications  
Sales activity in Amena (the third mobile operator in Spain) with account responsibility in the Information Systems Direction, and full responsibility in the sales funnel for opportunities in that area. In 2005 his account represented over 4 Million Euros
- January 2003 – January 2004: New Technology Manager in Telecommunications  
Leading a group of Pre-Sales (3 people) defining our capabilities with new Telco technologies like Parlay, Parlay X, Jain SLEE... Developing activities in all our Telco Accounts.
- January 2002 – January 2003: Project Manager Telecommunications  
With more than 30 developers in my projects and presence in our best Telco Accounts (Vodafone, Amena and France Telecom Spain)
- April 2001 – January 2002: Tech Architect Information Systems  
Definition and implementation of the technical architecture for Indra's intranet and the integration with its ERP and SCM. Mr Orbegozo lead the team of 25 technicians developing the intranet.
- January 2000 – April 2001: B2C Project Manager in Atlante Sistemas (INDRA's start up)  
With more than 10 developers in his projects working for Finance, Telco and Energy sectors.
- May 1997 - January 2000: Senior Analyst - Internet Solutions Group.  
Position: Senior Programmer in Phone Banking Solutions

#### Electoral Experience

Mr. Orbegozo joined the Elections Department in 2006 and as part of the Elections Department's senior management team he has overall responsibility for the design and implementation of the e-voting solutions. Amongst his responsibilities is the direct supervision of the internet voting projects including the recent Internet Voting for the Police (Guardia Civil, Feb 2009). In addition he was the Technical Manager of the *Greater London Authority 2008 Mayoral and Assembly Elections* (April 2007- June 2008). The project consisted on the outsourcing of the electronic counting system for the elections. The set up of the three super counting centres where 8million ballot papers were scanned and counted in 10 hours. The set up of the central location at City Hall where results were consolidated and reported. The supply of 12million ballot papers, 10,000 ballot boxes and the training programme for 350 staff . Jesús is currently the project manager for the two project contracted with Oslo (Norway) for the 2009 parliamentary elections the electronic counting of ballot papers for Oslo and the EMIS and advance voting solution

**CARLOS BOLAÑOS LÓPEZ DE LERMA**  
**Technical Manager e-voting****Summary**

- Ten years of experience in developing distributed systems based on Java technologies.
- Experience in Enterprise Information Systems Integration.
- Training experience in Java Technologies.

**Qualifications**

- Technical Engineer in Telecommunications – Electronic Systems
- Universidad Politécnica – Madrid, Spain

**Languages**

Spanish and English both native speaker

**Professional Experience**

Carlos began its professional career in 1999, working as a development engineer for the University Cooperation's Office (OCU) synchronizing it with training courses, of the then emergent Java technology, in different companies from the technological sector. After this, he specialized in self-management web portals, for main telephone operator companies (Uni2, Movistar y Vodafone), carrying out the software's architecture definition and leading development teams.

**Electoral Experience**

Mr. Bolaños has been working in the field of electoral processes since 2007, for the 2008 Mayoral and London Assembly elections. In this project he carried out the tasks of coordination of development teams, quality control, implantation and operation of multimedia - diffusion systems for the progress and results on elections day. He was also the technician in charge of the pre-electoral information portal J2EE, responsible for its design, development and later implantation and operation. Finally he was also the technical and logistics person for the smartcards acquisition, printing and overturn in digital certificates.

Mr. Bolaños was the technical manager that developed the EMIS system and the solution for advance voting for the 2009 Parliamentary elections in Oslo.

**JESÚS CARDENAL ESCRIBANO**  
**Systems Manager EMIS****Summary**

- 20 years of experience in software development
- Experience with frameworks J2EE opensource, opensource tools and opensource infrastructure.

**Qualifications**

Telecommunications Engineer  
Universidad Politecnica – Madrid, Spain

**Professional Affiliations:**

- Official School of Telecommunications engineers
- Spanish Telecommunications Engineers Association
- Electric and Electronics Engineers (IEEE)

**Professional Experience**

Mr. Cardenal began his professional career as a Software Development Engineer, developing software's and managing software-related projects in the following Spanish companies: Telefónica Moviles, S.A. , Polar Servicios Informaticos, S.L., Sema Group S.A.E., and Información, Control y Señalización S.A.

He has been working for Indra since year 2000 and has been involved in a series of important projects carrying out different responsibilities and roles:

- Defining goal models for the definition of administrative procedures based on Eclipse-GMF technology.
- Leading an MDSD/MDA initiative.
- Elaborating modeling profiles for the different elements of a business throughout UML, elaboration of UML profiles to model service oriented architecture.
- Responsible for the core ibuilder, which is an internal project of Indra, that has the intention of providing the organization with an approach MDSD (Model Driven Software Development) to undertake the development of turnkey solutions for the information systems of projects, using service oriented architectures (SOA) based on J2EE/ESB infrastructure including the building of a tool to automate the MDSD/MDA/MDD approach.
- Selecting opensource tools to support the development, control and management throughout agile approximations (Agile) and also including opensource infrastructures (struts, Spring, Hibernate, Axis)
- Technical manager for the laboratory, performance tests and opensource area.
- Manager responsible for the EAI (Enterprise Application Integration) area.
- Manager and technical leader of development projects based in J2EE: Planning, analyzing, building and maintaining the applications and systems of the intranet surroundings.
- Training experience on the use and construction of tools and design of the objet architecture

In addition he has also been responsible for the economic and technical management of projects, among others.



## ANGEL TABANAO REDOBLE

### Security Manager

#### Summary

Angel Tabanao Redoble is a senior consultant of Indra. As part of the Homeland Security Department, he is tasked to execute projects that involves information security, from enterprise risk assessment, ethical hacking or penetration testing, technical vulnerability analysis up to providing information security recommendations to protect information assets of the clients. On top of doing information security audit, Angel is also involved in designing information security infrastructures, identification and development of information security controls and implementation. Before joining INDRA, he was a Manager of KMPG Philippines's Risk Advisory Services, and was executing information security projects on the technical level and managerial level.

Angel is a Certified Lead Auditor for BS7799/ISO27001, a Certified Ethical Hacker, a Certified Hacking Forensic Investigator, Masters in Information Security Management and has 12 years experience in the field of information security both technical and managerial level.

#### Qualifications

Bachelor of Science in Electrical Engineering. Cebu Institute of Technology, Cebu City Philippines.

Masters in Information Security Management. Universidad Pontificia de Salamanca through ASIMELEC (Asociacion Multisectoral de Empresas Españolas de Electronica y Comunicaciones). Xx-xxxx-xx

#### CERTIFICATIONS:

- *Certified Lead Auditor – ISO27001/BS7799*
- *Certified Ethical Hacker*
- *Certified Hacking Forensic Investigator*

#### Languages

Spanish, English and Filipino, native level.

#### Professional Experience

Mr. Tabanao is a senior consultant of Indra. As part of the Homeland Security Department, he has led and participated in many projects that involves information security, from enterprise risk assessment, ethical hacking or penetration testing, technical vulnerability analysis up to providing information security recommendations to protect information assets of the clients. On top of doing information security audit, Mr. Tabanao is also involved in designing information security infrastructures, identification and development of information security controls and implementation. Before joining INDRA, he was a Manager of KMPG Philippines's Risk Advisory Services, and was executing information security projects on the technical level and managerial level. Mr.

#### INDRA SISTEMAS, Madrid – 2006 to Present

##### Senior Consultant

##### Projects:

- *Red Electrica de España*  
Vulnerability Assessment and Penetration Testing/Ethical Hacking
- *Generalitat de Cataluña*  
Vulnerability Assessment and Penetration Testing/Ethical Hacking
- *Ministerio de Industria Turismo y Comercio*  
Vulnerability Assessment and Penetration Testing/Ethical Hacking
- *Instituto Madrileño de Desarrollo*  
ISO17799 Benchmarking assessment  
Vulnerability Assessment and Penetration Testing/Ethical Hacking



- *Renault Financiacion (RCI)*  
Vulnerability assessment and Penetration Testing/Ethical Hacking
- *Correos de España*  
Vulnerability Assessment and Penetration Testing/Ethical Hacking
- *INTECO CERT*  
Building Computer Security Incident Response Team (CSIRT)
- *Department of Defense – Spain*  
Development of Security Operations Procedures for the Military Emergency Units

**KPMG Philippines – 2004-2006**  
**Manager – Risk Advisory Services**

**Projects:**

- *Manila Electric Company (MERALCO)*  
Risk Assessment on Telecommunications Infrastructures
- *San Miguel Corporation*  
Enterprise Risk Assessment (Organizational Security, Technological Security and Physical Security)
- *Shell Corporation*  
Information security compliance audit based on ISO17799 controls
- *Petron Corporation*  
Vulnerability assessment
- *ACDI*  
Vulnerability assessment  
ISO17799 security controls benchmarking
- *Paygen offshore -*  
PCI DSS audit – visa and mastercard security standards
- *Equifax*  
Information security compliance audit – based on ISO17799 controls
- *Environments global*  
ISMS development and implementation  
ISO27001 Certification
- *Maybank Philippines*  
Vulnerability Assessment
- *UCPB*  
Penetration Testing/Ethical Hacking  
ISO17799 security controls benchmarking
- *Bastion payment system*  
PCI DSS audit – visa and mastercard security standards

**SOLUZIONA PHILIPPINES – 2002-2004**

**Senior Consultant**

**Project:**

- *Department of Public Works and Highways (DPWH)*  
Nationwide data and voice network implementation



Development and implementation of information security controls

**BAYANTRADE INC - 2000-2002**

**Information security officer**

- Internal and external network security implementation and monitoring
- Information security policies and procedures development and implementation

**PHILWORLD ONLINE INC - 1996-2000**

**Senior Systems Administrator**

- Internet infrastructure setup (routers, web servers, mail servers, proxy servers, etc)
- Information security infrastructure setup (IDS, Firewall)



## RAMON MASSANA SÁNCHEZ

### IT infrastructure manager

#### Summary

- 10 years of experience in the IT infrastructure field designing and implementing complex networking solutions

#### Qualifications

- High Degree in Telecommunications Engineering at the School of Telecommunications Engineering of Barcelona (ETSETB).
- Final thesis in the “École Polytechnique Fédérale de Lausanne (Switzerland)”

#### Areas of expertise

Mr. Massana's experience in the Networking field has given him in depth knowledge on the following technologies:

- Security: PIX, ASA, IPS, VPN Concentrator, ACS, CSA, VPN L2L, VPN Remote Access, EasyVPN, WebVPN, Secure Desktop, SSL VPN, DMVPN, 802.1x, NAC, PKI solutions, secured wireless solutions, Cisco ISR, CBAC, Cisco MARS, Ciscoworks VMS.
- Wireless: Cisco Aironet 1100, 1200 and 1300 Series, LAN Controller 2000 and 4400 Series, Cisco ISR series, Ciscoworks WLSE
- Switching: Catalyst Express 500, 2900, 3500, 3700, 4500 and 6500 Series. Switching Features: VLAN, STP, RSTP, QoS,...
- Routing: Cisco 800, 1800, 2800 and 3800 series. Routing features: dynamic routing (RIP, EIGRP, OSPF), VRRP, HSRP, GLBP, Policy Based-Routing, QoS, SLA, RTR, GRE, NBAR, Advanced Security Features...
- Cisco CSS 11500 Series Content Services Switch and Local Director
- Management: SNMP, What's Up, MRTG, Ciscoworks VMS, Ciscoworks WLSE
- Other Cisco Products (Ironport...)

#### Other vendors

- **Checkpoint and Nokia, Juniper firewalls, Trendmicro** Antivirus/Spam solutions and products, URL and application filtering (**Websense**), Bandwith Management and QoS on **Packeteer** solutions, **Radware** Solutions (LinkProof, ApplicationDirector, DefensePro, SecureFlow), **F5** Big-IP, Microsoft Radius (IAS), Microsoft Certificate Authority.

#### Languages

Spanish and Catalanian and English: native speaker

French: basic knowledge

#### Professional Experience

Mr. Massana, Senior Engineer, joined Indra in 2008 after 10 years of working experience on leading IT companys. Telecommunications Engineer, he has broad experience in the definition, design and implementation of complex IT infrastructures according to our customers requirements. Mr. Massana's professional experience can be summarized as follows:

##### Indra 2008-Present Time

- Advanced Field Senior Engineer, configuring complex solutions on customers

##### Tecnocom Group 2002-2008

- Consulting Networking Engineer, understanding customer business requirements



- Project Networking Engineer, leading complex projects.
- Field Senior Engineer, configuring complex solutions on customers.
- Provide Technical support to junior networking engineers.
- Duty Manager of Networking Helpdesk Team.
- Test and investigate new security networking solutions on labs.

**IBM Global Services (Site & Connectivity) 2000-2008**

- Networking Engineer, configuring custom solutions according to the client's requirements

**Sant Joan Despi City Hall 1998-1999**

- Networking maintainance
- Training of personnel

**Samsung 1998**

- Product Engineer on SONIMAG 98



**JOSE ANDRES PEREZ LEON**  
**Accessibility and Usability Manager**

**Summary**

- 10 years' experience in the development of User Interfaces and Web Accessibility.
- Advanced Interface Development Coordinator during the last 7 years in Indra's Human Computer Interaction specialisation.

**Qualifications**

Information Technology Engineer. University of Murcia (1992 –1998)

**Professional Experience**

Mr. Pérez León's professional career has been mainly developed in Indra, where he has been the head of the specialised profile department, in the expertise and application of the different web-based standards. In this sense, he has participated in the main national and international projects related to Web Accessibility and Standardisation, Usability and User Experience, as well as ongoing Internet trend observatories, with the application of Web 2.0 concepts, Rich Internet Applications, Semantics or Browser Positioning, in relation to the projects in his area of specialisation.

**Accessibility and Usability Experience**

During the last few years, he has actively participated in some of the most important Accessibility and Usability projects:

- **Town Council of Madrid:** during the last 3 years, the Town Council of Madrid has been an example for Spanish Public Administrations in the attainment of a generalised approach with high degrees of Web Accessibility and Usability. Therefore, he has followed a strategy where all web applications have a clear focus on said characteristics. He has received various important awards in this area, such as the 2006 and 2007 TAW Accessibility and Usability awards and the top 2008 eGovernment award, selected among the most important capitals in the world.

**Other projects in Local Public Administrations:** Autonomous Community of Madrid (Electronic Administration Web sites), Autonomous Government of Extremadura, Autonomous Government of Andalusia or Council of Alava.

- **Ministries of the Spanish Government:** Likewise, he has participated in the development of the web sites of the Ministry of Public Works, Ministry of Housing, Ministry of Equal Rights and Ministry of Defence. In the case of the Ministry of Public Works, he received the 2008 TAW Accessibility award. Likewise, in the case of the Ministry of Equal Rights he implemented the Accessibility and Usability requirements under a collaborative *web 2.0* approach.

**Other projects in State Public Administrations:** AENA, MAP 060, National Occupational Health and Safety Institute, General Traffic Department, national Library.

- **Bank of Spain:** corporate portal project of the Bank of Spain, which addressed the Accessibility and Usability requirements, in combination with enriched functionalities and the certification of different auditors.

**Other projects in Finance and Insurance areas:** Banco de Valencia, Banco Gallego, Banco Sabadell, Banco Herrero, Reale, Adeslas.



- **Vodafone.es:** Accessibility consulting project, acting as Accessibility Consultants, analysing the situation and setting forth solutions for the global Corporate, Consumer and Company web sites. Consulting follow-up of the Audit phase to attain the certificates that certify the degrees of Accessibility.

*Other projects in the Consulting area:* Iberia.com, Telefonica, Alcampo.

#### **Related Seminars and Conferences.**

- ICT Forums of the Dintel Foundation, 2008: Speaker of the “**Gestores de Contenidos, Facilitadores de Accesibilidad**” (“Content Managers, Accessibility Facilitators”) seminar.
- SMX Seminar, 2008: Speaker of the “**Caso de Éxito, Iberia.com**” (“A Story of Success, Iberia.com”) seminar.



**CARIDAD AGUADO HERNÁNDEZ**  
**Internet voting solution manager**

**Summary**

- 23 years of experience in the Electoral field
- 8 years of experience in the Internet voting field as Project manager of Indra's Internet voting platform. Mrs Aguado has been the main responsible of the development of the internet voting solution since its definition and with extensive experience in the execution of Internet voting projects having led all projects for the National Police Authority since 2002.

**Qualifications**

- Bachelor of Mathematics. Universidad Complutense
- Prince 2, Project Management Certification

**Languages**

Spanish and English: native speaker

**Professional Experience**

Mrs. Aguado, Bachelor of Mathematics, joined Indra's Electoral Processes department in 1986 and has been involved in every elections project since then being involved in the data integration and processing of data. In 2001, Mrs Aguado started the development of Indra's internet voting platform defining the functional design, architecture and security specifications. She has been project manager of all internet voting platform based elections coordinating all activities for the customization of the solution to suit the client requirements.

**Electoral experience**

Mrs. Aguado has 22 years of experience on the electoral field. She joined the electoral processes department for the 1987 European Elections and has been involved in all Spanish Elections since then and also many international projects.

**International Projects**

- General Elections Nicaragua 1996, Parliamentary and Regional and Elections Argentina 1997, Presidential and Regional Elections Venezuela 1998. Data Capture and Results Integration manager.

**Election projects in Spain**

Parliamentary elections

- All Parliamentary Elections since 1986 (8 elections). Data Capture and Results Integration manager

European Parliament elections

- All elections for the European parliament since 1987 (6 elections). Data Capture and Results Integration manager

Regional Elections

- 58 Regional elections in different Spanish Regions since 1986. Data Capture and Results Integration manager and Project manager in several Pilot programs of Internet voting and text messaging voting (see details below)

**Internet Voting**

- National Police Authority elections since 2002 (4 Elections). Internet Voting.
- General Elections 2004. Internet voting pilot project
- Parliament of Andalusia 2004. Internet and text messaging voting pilot project



- Parliament of Galicia 2005. Internet voting pilot project
- School Council of Andalusia Elections 2005. Internet voting.
- San Pablo CEU University. Student Representatives Election 2005. .Internet voting.
- Hospital Virgen de las Nieves Elections 2006. Internet Voting.
- Chamber of commerce of Sabadell Elections 2006. Internet Voting



**LUIS SOLANA GÓMEZ**  
**Internet voting developer**

**Summary**

- 5 years of experience in the Electoral field as software developer in internet voting

**Qualifications**

Computer Engineer. Universidad San Pablo CEU

Relevant knowledge

Java, Java Web Development, Javascript, PKI infrastructure, Oracle 10g Data Base, AJAX, Sql, Eclipse PlSql, JBuilder, Html

**Languages**

Spanish: native speaker

English. Fluent both oral and written

**Electoral experience**

Mr. Solana has worked in the development of Indra's internet voting platform since he joined Indra's electoral processes department in 2004. Since then he has been involved in the following projects:

**Internet Voting**

- General Elections 2004. Internet voting pilot project
- National Police Authority elections 2004, 2006 and 2007 Internet Voting platform
- Parliament of Andalusia 2004. Internet and text messaging voting pilot project
- Referendum on the European Constitution 2004. Internet Voting platform
- Parliament of Galicia 2005. Internet voting pilot project
- School Council of Andalusia Elections 2005. Internet voting.
- San Pablo CEU University. Student Representatives Election 2005. .Internet voting.
- Hospital Virgen de las Nieves Elections 2006. Internet Voting.
- Chamber of commerce of Sabadell Elections 2006. Internet Voting



**FERNANDO CUEVAS FERNÁNDEZ**  
**Internet voting developer**

**Summary**

- 9 years of experience in the Electoral field as software developer in internet reporting solutions and internet voting

**Qualifications**

- Computer Engineer. Universidad Politécnica de Madrid

Other courses and seminars:

Java, Java Web Development, Javascript, PKI infrastructure, Oracle 10g Data Base, security for Java applications

**Languages**

Spanish: native speaker

English. Fluent both oral and written

**Electoral experience**

Mr. Cuevas has worked in internet webpage design and internet voting platforms since he joined Indra's electoral processes department in 2000. Since then he has been involved in the following projects:

**International Projects**

Parliamentary and Regional and Elections Argentina 2001. Website design for reporting of results.

Presidential and Legislative Elections Colombia. Website design for reporting of results.

**Election projects in Spain**

Parliamentary elections

- All Parliamentary Elections since 1986 (8 elections). Data Capture and Results Integration manager

Regional Elections

- 13 Regional elections in different Spanish Regions since 2003. Website design for reporting of results.

**Internet Voting**

National Police Authority elections since 2002 (4 Elections). Internet Voting and website design for reporting of results.

- Referendum on the European Constitution 2004. PKI infrastructure
- Parliament of Galicia 2005. Internet Voting and website design for reporting of results.
- School Council of Andalusia Elections 2005. Internet voting.
- Hospital Virgen de las Nieves Elections 2006. Internet Voting.



**JAVIER ASCASIBAR PEREZ**  
**Web Designer**

**Summary**

- Nine years of experience in web-sites information architecture.
- Experience working on competitive analysis and usability assessments, including task analysis, card sorting and heuristic evaluations.
- Training in creation of controlled vocabularies and classification systems for Web initiatives: collection and documentation of business objectives, user requirements, content and functionality.

**Qualifications**

- Master of Science in Information, Library and Information Services
- School of Information, University of Michigan, Ann Arbor – Michigan, USA (1998 – 2000)
- Degree in Geography and History, Universidad Complutense - Madrid, Spain (1988 – 1993)
- Other courses: Software design strategies (Indra)

**Professional Experience**

Javier began his professional career in Indra, in 2001 and for the last 8 years, he has been working with client's portals and websites carrying out different tasks of responsibility, such as: conceptual definition of portals, content trees, content migration inventories, template prototyping, interaction design, information architecture, competitive analysis of portals, usability studies, etc. Some of his most relevant experience with client's portals includes, among others:

- Madrid's City Hall Transaction Portal
- Realmadrid.com
- Banco Gallego (Bank of Galicia) and Banco de Valencia (Bank of Valencia) Corporate web
- Education Portal for the City of Madrid
- Madrid's Tourism Site
- Madrid. Org / New website for the City of Madrid
- New Iberia website
- Intranet, Government of Guipuzcoa
- Content syndication system, AENA
- Electronic voting for shareholders general meetings
- Statistical module for the National System for Electronic Compensation
- AENA Intranet
- Inter-American Development Bank website
- Turespaña Portal
- Caja Madrid Bolsa



**JOSE MARIA VALLEJO**  
**Development Manager e-counting**

**Summary**

- Over 18 years of experience in the Elections Processes field.
- Extensive experience working with election legislation from different countries around the world basically translating the legislation and rules into information systems.

**Qualifications**

- Bachelor in Information Technology
- I.F.P. Palomeras - Madrid

**Professional Experience**

Mr. Vallejo started his professional career in Indra on the areas of implementation and management of information systems. He took part in the design of the flight's programming system for Iberia's airlines.

He later participated in the analysis and implementation of several integrated management systems with different functionalities for several departments of the Telefonica Group: Marketing, Quality Assurance and Strategy and Business Development.

**Electoral Experience**

Mr. Vallejo joined Indra's Electoral Processes Department back in 1991. During these years he has been in charge of the development of both data capture and electronic counting applications.

He has developed both electronic voting solutions and consolidation of results solutions in the following electoral processes:

- 1998, 1999 and 2000: nine different nationwide elections carried out in Venezuela. These elections implemented electronic voting at the polling stations
- 2003-2005-2007-2009: Local and Parliamentary Elections in Oslo (Norway)
- 2002: Elections in Colombia. These elections implemented e-counting systems in the counting centres
- 1999-2001: different nationwide election processes in Argentina
- Since 1991: all the elections held in Spain. He was in charge of the design and development of data capture and transmission of results modules.



**DAVID JIMENEZ**  
**Software Analyst e-counting**

**Summary**

- Nine years of experience in the field of Electoral Processes.

**Qualifications**

- Bachelor of Physical Sciences - University of Salamanca

**Professional Experience**

Mr. Jimenez started his professional career on the development areas. He worked on the design of a management and accounting software package for SMEs at the company IDC.

Later he was involved in the development of several internal reporting projects at Andersen Consulting (now Accenture).

**Electoral Experience**

Mr. Jimenez has been working in the field of electoral processes since the year 2000. He has focused on the development of data-capture applications (touch screen voting machines, e-Counting, etc.) and tallying and consolidation of elections results.

Mr. Jimenez has been involved in the development of voting and counting solutions for the following electoral processes:

- 2003 Local elections in Epping Forest District Council (UK).
- 2003 Municipal elections in Oslo (Norway) using e-Counting.
- 2003 Municipal elections in Ushuaia (Argentina) with touch screen voting machines
- 2004 Electronic voting using touch screen voting machines in the Argentine provinces of Mendoza and Buenos Aires.
- Consolidation of election results applications for Electoral Offices in the general and local elections in Spain (2004, 2007 and 2008).
- Elections to the European Parliament in Portugal with touch screen voting machines (2004)
- Elections to the Assembly of the Republic (Portuguese Parliament) with touch screen voting machines.
- 2005, 2007 and 2009 Parliamentary Elections in Oslo (Norway) using e-Counting.



**JESUS MARTIN**  
**System Architecture Engineer e-counting**

**Summary**

- More than ten years in system and network administration of the public switching of telecommunications networks
- Three years of experience in private networking communications (PBX)
- Two years of experience in mobile networks (GSM/GPRS/UMTS)
- Two years of experience in the field of Electoral Processes.

**Qualifications**

- Telecommunication Engineer - ETSIT
- University Polytechnic of Madrid – Spain (1981-1988)

**Professional Experience**

Mr. Martin started his professional career as a software engineer in Alcatel company. He worked on R&D in real time system and in the telecommunication industry.

He was involved in the system administration of UNIX and Windows systems focused on performance analysis and troubleshooting activities. His activities covered different subjects related with networking, monitoring systems and distributed processing.

He was working during several years in the design and capacity planning of networks for private clients and the public sector. He worked in the design and implementation of an integrated network of voice and data for Museo del Prado (Madrid)

He has a consolidated experience in the security IT field, knowledge of security assessment, security policy development and security solution design and implementation. He also collaborated in the design of routing infrastructure for interconnections of PBX by means of router and multiplexer systems.

Later he led the IT group in charge of first stages of UMTS development in Alcatel Belgium at Antwerp.

**Electoral Experience**

Mr. Martin has been working in the field of electoral processes since the year 2003. He has focussed mainly as an IT professional on the design and administration of machines involved in an election process.

Mr. Martin has been involved in the development of voting and counting solutions for the 2005 Parliamentary Elections in Oslo (Norway) and 2007 Local Elections using e-counting