

Corporate Presentation

HighPerformanceSolutions



**TECHNOLOGY IS A PATH
WE WILL ASSIST YOU
IN YOUR JOURNEY**



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Services Overview

/// SAP NetWeaver

- /// **SAP Basis:** Implementations, Migrations, Upgrades, UNICODE, **SAP HANA**, and DMO. SAP Content Server, Identity Management
- /// SAP Enterprise Portal (**SAP EP**): Implementation, Customization, Look&Feel (design), Security
- /// SAP Process Integrator (**SAP PI/XI**): Implementation, Customization de interfaces, BPMs, Adaptors development
- /// **SAP Fiori** (SAP on HTML5): Implementation, Customization, new custom service developments and adaptations.
- /// SAP Solution Manager (**SAP SLM**): Implementation, Customization, ChaRM, End2End Monitoring, Root Cause Analysis, Introscope
- /// **SAP GRC:** Implementation, Migration, Integration, and Customization de Access Control
- /// Developments & Integrations: **WebDynpro** (ABAP and JAVA), BSPs, Developments ABAP, **RFCs**, **BAPIs**.
- /// Securing & Audits: **SAP WebDispatcher**, DMZs, Ethical Hacking, Audits
- /// Administration and Monitoring: Service 24x7, SAP Basis Administration, including SAP PI, SAP EP and SAP Fiori.

/// PeopleSoft: Implementation, Customization, Administration, Upgrades and Migrations, and PeopleCode Developments

/// Data Bases (SGBD): **MySQL**, **Oracle**, **MaxDB**, **Microsoft SQL Server**,& others. Installation, Upgrades, Migrations, Administration, Queries and indexes Optimization

/// Developments

- /// Languages **PHP**, **JAVA**, **.NET**, **C#**.
- /// Mobile Application Developments:
 - /// Mobile App Developments: **iOS**, **Android** and **Windows Mobile**
 - /// Mobile Client/Server Architecture Developments: **Web Services** + Apps
 - /// **HTML5** on-line application development – Responsive Design
- /// Web Sites & Portals, Intranets and Extranets
- /// System Integrations
- /// Multimedia
- /// Architecture & Security. Audits

/// Training

- /// SAP NetWeaver: SAP Basis, SAP EP, SAP PI, SAP HANA, SAP Fiori.
- /// Data Bases, Languages and Programming Technics

Content List - Index

/// Services Overview

/// Index

/// Company's Introduction

/// SAP NetWeaver: SAP Basis, , Administration and Monitoring, SAP Fiori, SAP Enterprise Portal (SAP EP), SAP Process Integrator (SAP PI), Developments (ABAP / JAVA, WebDynpro, BSPs)..

/// PeopleSoft: Implementation, Customization, Administration, Upgrades and Migrations

/// Best Practices

/// Training

/// Developments: Technologies, Mobile Application Development, Systems Integration, Intranets/Extranets.

/// Architecture and Security. Audits

/// Multimedia

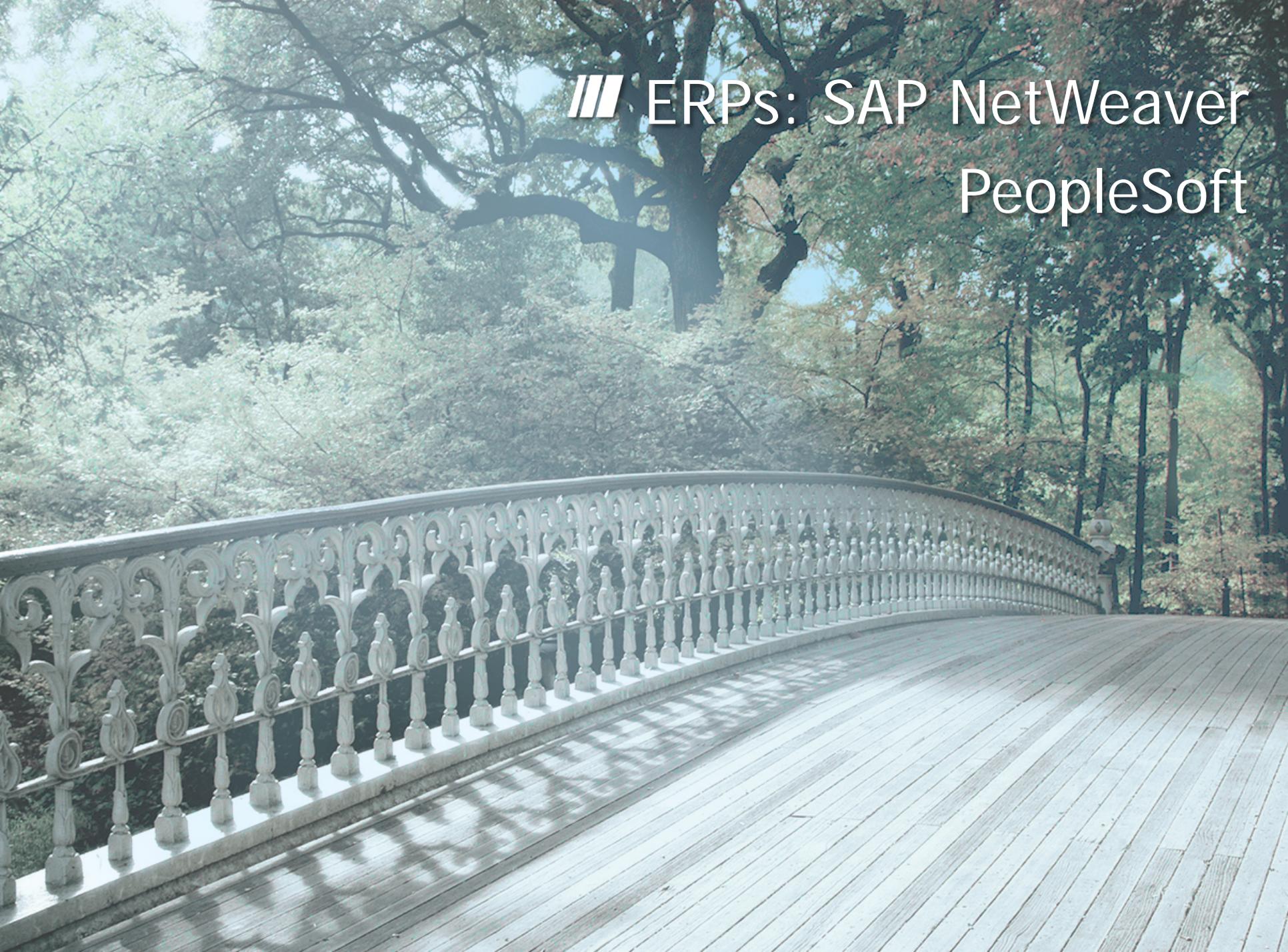
/// Contact Information



/// Presentation

1. Company's Introduction

- /// High Performance Solutions was born at 1999 at as a project made up by a group of engineers and graduates in various technology areas. The main shareholders are, Engineer graduates from the Polytechnic University of Madrid.
- /// With 100,000€ of share capital, and a turnover over €2M / year, we have over 200 clients nationally and internationally, and provide our services in some of the main Spanish, European, and in the Middle East, both remotely and onsite.
- /// We are specialized in technology, and work on both hiring modes: on time and materials and turnkey (fixed price, project planning and scope).
- /// HPS is composed of two major departments which collaborate among them:
 - /// ERPs: SAP and PeopleSoft technical consulting
 - /// Development Area: Custom Developments, Mobility, Security, WEB and LOPD
- /// HPS is approved as a supplier among many others:
 - /// BBVA (2^a spanish bank)
 - /// Hewlett Packard
 - /// Spanish Government
 - /// INSA / IBM
 - /// French SOPRA Group
 - /// SAP
 - /// UNICEF
 - /// AEAT (Spanish Customs) as EDI – XML integrator

A photograph of a wooden walkway with an ornate white metal railing curving through a lush green forest. The railing features intricate scrollwork and decorative balusters. The walkway is made of light-colored wooden planks and leads into a dense forest of tall trees with vibrant green foliage. The scene is brightly lit, suggesting a sunny day.

/// ERPs: SAP NetWeaver
PeopleSoft

2.1 SAP NetWeaver Services (I/III)

- /// HPS is specialized in the technology area, covering the entire life cycle of SAP solutions and SAP NetWeaver applications from the Installation, Customization, Administration, Upgrades, Migrations, Archiving , etc.
- /// **SAP Basis** [\(link\)](#): We have made some of the largest and more complex Migration projects, with examples like Migrations of over 200 systems in Saudi Arabia on site, coordinating an international team, including requirements resulted from interdependencies between systems, terms and limitations of the client.
 - /// Systems Implementation: UNIX, Linux, Windows, AS400, HANA, ORACLE, MSSQL, DB2, etc.
 - /// Homogeneous and Heterogeneous Migrations, UNICODE transformations and Technical Upgrades.
 - /// Installation and Migration to SAP HANA: DMO
- /// **System Administration and Monitoring** (24x7) [\(link\)](#):
 - /// We perform onsite Administration and Monitoring systems for some of the most complex SAP implementations Spain, including nocturnal schedule to cover international time zones and 24x7 guard.
 - /// Also we give Remote Administration Services for smaller companies, with reactive response covering incidences and proactive interventions to optimize performance and minimize failures.
 - /// We include specific functional Administration of SAP PI , SAP EP, SAP Fiori, and SAP WebDispatcher SAP with consultants with specific knowledge on those solutions.

2.1 SAP NetWeaver Services (II/III)

/// SAP EP (SAP Enterprise Portal) [\(link\)](#):

- /// Implementation, Customization and adaptation (including developments) of Business Packages. We are specialized on Employee Self Service (**ESS**), Manager Self Service (**MSS**) and Supplier Relationship Management (**SRM**) Business Packages.
- /// Complete re-design and navigation customizing of SAP EP, including developments when needed
- /// Multiple SAP EP consolidation to just one maintaining the different designs and functionalities.
- /// Security: SSL certificate configuration, Firewall rules and SAP WebDispatcher configuration. (DMZs)
- /// SAP EP adaptation to make it mobile devices enabled.
- /// Integration among SAP Systems and third parties environments, including: Single Sing On
- /// WebDynpro ABAP and JAVA development

/// SAP PI (SAP Process Integration), also with **BPMs** [\(link\)](#):

- /// SAP PI Implementation and initial configuration. **SLD/LMDB** definition and configuration.
- /// SAP PI Migrations and Upgrades. These are specially complex due to the interdependencies among systems and possible customization modifications being required.
- /// Interface Customization optimizing the use of PI's standard objects and adaptors.
- /// Complex **BPMs** development.
- /// Implementation Audits, Performance and security optimization of third companies implementations.
- /// Development of adaptors enhancements and custom adaptors development.

2.1 SAP NetWeaver Services (III/III)

/// SAP SLM (SAP Solution Manager):

- /// Implementation, with the systems in the landscape, Customization, Migrations and Upgrades.
- /// SLDs/LMDBs architecture definition and configuration
- /// Solution Manager standard mobile apps configuration
- /// ChaRM customization
- /// Introscope customization
- /// Root Cause Analysis customization
- /// End2End Monitoring customization

/// SAP GRC (SAP Governance, Risk, and Compliance)

- /// Implementation and Integration in the landscape
- /// Migrations and Upgrades, including the adaptation of the connections to the connected systems.
- /// Customization of **Access Control (ARM)** and **Emergency Access (EAM)**

2.2 SAP Mobile Services

/// **SAP Fiori** ([link](#)). SAP standard solution for HTML5 presentation:

- /// have experience in international projects with multiple roll-outs for different countries and set of services
- /// We Cover the whole life cycle beginning with the definition of a secure architecture (DMZ + SSL).
- /// Implementation of the required modules and AddOns (SAP NetWeaver Gateway and SAP Fiori Add Ons). Configuration and Customization of the services.
- /// SAP standard services adaptation: Design and functional customization, including development modification if required.
- /// New SAP Fiori custom services development keeping the standard SAP Architecture.
- /// For more info, please check this link: http://www.hps.es/docs/sapfiori_presentacion_eng.pdf

/// **SAP Mobile Infrastructure:**

- /// We have performed projects with mobile access to SAP using SAP Mobile Infrastructure, for Red Eléctrica (one of the main electricity supplier) and Dalkia-Gas Natural (gas supplier) in collaboration with HP.

/// **Mobile Portal development accessing SAP, using **Java Connector** and **WebServices**:**

- /// Integration of a portal developed in PHP – JAVA, SAP integration through JCo, and WebServices to publish SAP data to mobile devices

2.3 SAP Developments and Integrations

- /// HPS has the professional team that developed one of the first systems in Spain with access to SAP R/3 from Internet and the first system with access to SAP from PDA (Compaq 3300).
- /// Extensive experience in development under the architectures ABAP, JAVA, SAP Fiori, WebDynpro ABAP & JAVA , Enterprise Portal, Java Connector, SAP XI -PI ,Mobile Infrastructure, and SAP Fiori
- /// Among our clients are:
 - /// Daikin (Air Conditioning) : Extranet services based on its R/3 for its distributors, BC Administration. TAS (Technical Assistance Service) web management system. System to access Off line to strategic data (BW) . Enterprise Portal
 - /// CECA (Spanish Confederation of Savings Banks): Dimensioning , design and Employee Self-Service solution. Development of the financial portal with access to SAP R/3
 - /// Maritime Berge : Connecting R/3 to Internet through ITS
 - /// IBM / INSA: SAP PI configuration and administration. BPM developments
 - /// SAP for AENA (Spanish Airports and Air Navigation) : BSP development for record management with SAP RMS
 - /// Osakidetza (Basque Health Service): System for the Management of Primary Care Peripheral Stores in SAP
 - /// Avansis (INTA - National Institute for Aerospace Technology) : Creation of Automation scripts to perform unattended SAP system copies.

2.4 PeopleSoft

- /// **Implementation and Customization:** We conducted PeopleSoft Implementation of some of the leading companies in Spain, including all stages, beginning with the Design, Implementation of the application servers, and Customization, up to the Administration and Maintenance. We work both on site and remotely, and on time and materials contract or closed project - turnkey , also at international level. (BBVA – ANIDA: Real State company owned by BBVA)
- /// **Administration and Monitoring:** We provide 24x7 Administration and maintenance on PeopleSoft , both in person and remotely. Our administrators have experience in projects allowing them to go beyond the needs of the everyday Administration tasks. (BBVA: Second biggest bank at Spain)
- /// **Upgrades and Migrations:** We have successfully carried out upgrade projects as well as both Migration & Upgrade in a single step, for some of the largest deployments of Spain. (SegurCaixa – ADESLAS: First Medical Insurance Company in Spain, in collaboration with HP)
- /// **Custom Developments and Accommodations:** We have an expert department in conducting Developments, and are experts in the development of custom applications and performing adaptations to the standard PeopleCode. (BBVA – ANIDA: Real State company owned by BBVA)

2.5 Databases

- /// **Implementation:** We have performed the Implementation of Database Management Systems, on high availability and on different platforms: Oracle , Microsoft SQL Server, MaxDB , MySQL, etc, on UNIX (HPUX , Solaris , AIX) , Linux (SUSE , Red Hat), Microsoft Windows Server.
- /// **Upgrades and Migrations:** We have successfully carried out upgrade projects, and Migration & upgrade in a single step projects, for some of the largest deployments of Spain.
- /// **Optimization:** We analyze the behavior of the databases and we optimize them adjusting it's parameters, both, at database level as well as at operating system level. Also we create and optimize the use of indexes for the heaviest queries.
- /// **Administration and Monitoring:** We offer 24x7, Administration and maintenance of databases services, both in person and remotely. Our administrators have experience in consultancy projects allowing them to go beyond the needs of the everyday Administration Service tasks.

2.6 Best Practices

- /// On site migration of an heterogeneous architecture with **200 SAP systems in Saudi Arabia**, including IdM (Identity Management), SAP PI, SAP EP, and environments with more than 6TB.
- /// Heterogeneous Migration from HPUX to HP's Clouds (Linux) for the Government, in collaboration with HP
- /// SAP HANA implementation for Logista in collaboration with HP
- /// On step Upgrade + UNICODE Conversion + Database Upgrade + Heterogeneous migration project in collaboration with ASPA Consultores
- /// Upgrade of more than 100 ORACLE Databases for Vodafone
- /// SAP Enterprise Portal 5.0 on cluster, migration the newest release on high availability
- /// SAP Enterprise Portal 6.0 implementation with the Business Packages **ESS** (Employee Self Service), **MMS** (Manager Self Service), **SRM** (Supplier Relationship Management) and with **UWL** (Universal Work List). Roll-out for multiple countries and languages. Standard services adaptation and custom services development (WebDynpro ABAP and JAVA). Look&Feel adaptation.
- /// **SAP PI 7.1** Installation. Design of the required communications, Interfaces Implementation, and Customization. Administration (24x7) for the integration of an automated warehouse with SAP ECC, and the manufacture production chain.
- /// BPMs development for one of the main Coke bottlers at the south of Spain, in collaboration with INSA/IBM.
- /// Administration management and execution of SAP and Peoplesoft environments (24x7) for BBVA with an onsite team of 8 administrators. BBVA is the second biggest bank of Spain,
- /// Heterogeneous Migration from AS400/DB2 to HP-UX/ORACLE for FCC in collaboration con HP
- /// Complete Implementation and maintenance of **SAP Fiori** for a German Multinational company. SAP Fiori services adaptation and development, even of new custom SAP Fiori's services. Custom mobile client (iOS) with integration to the device standard notification system.
- /// **Implementation de PeopleSoft HCM** for ANIDA (Real State company owned by BBVA): Server installations, Customization, production startup and, maintenance and support.
- /// **Peoplesoft Upgrade and Heterogeneous Migration** for VidaCaixa in collaboration with Hewlett Packard
- /// **Peoplesoft Administration and maintenance (24x7)** for BBVA

/// Training Courses



3. Training Courses

- /// We provide training in the technologies on which we work, facilitating a practical knowledge that streamlines and entertains trainings.
- /// Some of the trainings that we have taught are:
 - /// SAP Spain's official training: Cap Gemini, Pamplona City Council, Accenture, Oficial Certifications, Grupo Vips, Junta de Castilla and León, Repsol YPF, IBM, Televisión Española, IT Deusto, Hewlett-Packard, El Corte Inglés, Altadis, Fabrica Nacional de Moneda and Timbre, Panasonic, Leche Pascual, AENA, Osakidetza, Iberia, Pepsi, Plaut, Ediciones SM.
 - /// SAP PI: INSA, SAP University and Deusto University, in collaboration with I3S
 - /// SAP EP: Autoliv (english)
 - /// ABAP/4, ITS – WK (SAP): Daikin
 - /// Power Builder: Southern Star
 - /// JAVA: Hewlett-Packard
 - /// UNIX/Linux: Info93
 - /// Microsoft at different levels: Fundación SEPI (State Industrial Ownership Corporation)

/// Development



4.1 Developments [\(link\)](#)

- /// HPS from its earliest beginnings has performed Developments of all kinds. Our team has an extensive experience in application development on multiple technologies : JAVA , C #, .NET , ASP , PHP, Action Script (Flex) , and many more.
- /// We develop custom applications for management, Intranets, Extranets, Communication Management Applications-Middleware, and Web Portals
- /// We offer maintenance services and development optimization of applications
- /// We can work on third party's applications. We study them, perform reengineering and maintenance of applications developed by other companies.
- /// We offer maintenance and support services in form of availability and / or stocks of hours.

4.2 Methodology

- /// To successfully accomplish the development project, we use the prototyping methodology. This is the generation of successive versions of the development, which will grow in functionality and scope .
- /// The main advantage of this technic is that it allows to review the development from a very early stage in the project, thus managing to identify and bring forward any adjustments that might be necessary.
- /// To be able to apply such methodology, HPS will provide in addition to the development environment, a “pre-productive” system where the successive partial deliveries will be uploaded. This systems will be accessible from the outside of HPS, allowing the project manager and key users to perform the functional reviews and test. This also facilitates greatly projects performed remotely.
- /// Also, this system can be used to perform the initial load of content without affecting the productive system.
- /// The pre-production system will remain up for one year after the production start up, and beyond if any maintenance or stock of hours were hired .

4.3 Mobile Applications Development [\(link\)](#)

We perform mobile applications under different architectures:

- /// **APP:** Mobile application that is installed and runs on the mobile device. All it's data resides on the mobile device or it's own cloud. Available technologies iOS , Android and Windows Mobile.
 - /// i.e.: Hydra Networks: Development of iOS and Android applications for: ADSL/Fiber Supplier selection optimization based on the distance to the closest node [\(link\)](#)
- /// **APP + Web Services:** Client/Server architecture where the App gets synchronized through Web Services with a web server.
 - /// i.e. CSP (Survey company that works for insurance companies): Mobile service for surveyors. Integrated with it's main system a AS/400, and with their customers (insurance companies) backends through XML.
 - /// i.e. Bioequivalence Studies Department of the Autonomous University of Madrid: testing of drugs, avoiding manual errors and optimizing the testing process for the external audit process [\(link\)](#).
 - /// Ej. AVANTE: Positioning system vehicle fleets via UMTS mobile communication devices with GPS.
- /// **Web Applications (web pages) for Mobile Devices:** Using HTML5 + Responsive Design, we develop web applications which get adapted to all kind of screen sizes and devices
 - /// Ej. Grupo ORONA (First elevators company in Spain): Development of the system for reporting, management, and approval of travel expenses [\(link\)](#)

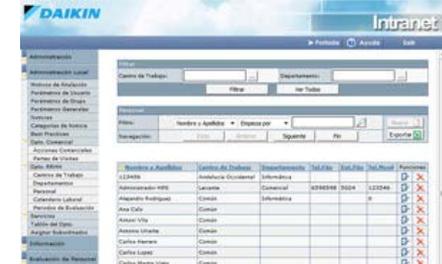
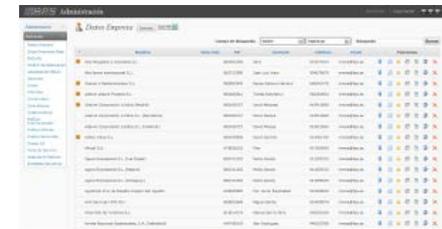
4.4 WEB Site Development [\(link\)](#)

- /// Using the most advanced technologies , HPS implements web content management systems for Internet that allow customers to keep their websites themselves, without any programming capacitation
- /// We develop web applications such as forms, online payment , shopping carts , forums , chats, etc.
- /// Among the many Internet Developments we have acomplish:
 - /// Multiple Spanish Soccer Selection Players Official Web Sites: Among them: Fernando Torres, Pedro Rodriguez
 - /// UNICEF Committee : Dynamic Web Content Manager
 - /// Bodega Santa Cecilia : On line shop integrated with SAP
 - /// DIRCOM : WEB of the Association of Communication Directors
 - /// Cepa21: Web of the prestigious winery of Ribera de Duero
 - /// SEPI Foundation(State Industrial Ownership Corporation): Document Management System
 - /// FEIQUE (Business Federation of the Spanish Chemical Industry): Intranet and Extranet
 - /// Itra Group – Mercedes-Benz: Multiple Web Sites
 - /// Daikin: Web Daikin, Intranet, Extranet
 - /// ... and many more



4.5 Intranets and Management Systems [\(link\)](#)

- /// We develop applications for business management , billing , communications, etc.
- /// Using specific methodologies to ensure correct formalization of functional requirements and design, we achieve the objectives required by the customer.
- /// We use both open source technologies without licensing fees (i.e. PHP & MySQL) and commercial (i.e. JAVA & Oracle).
- /// Here are some of the numerous Developments accomplished:
 - /// ECOFON (TSR): Development of the billing system using the details of each call.
 - /// DHL: System for the management of transits and communications with the AEAT (Spanish Tax Agency)
 - /// CSP: Web Systems for the surveys management. Bill Management and payment management related to the surveys.
 - /// ORONA Group: Travel Management System integrated with mobile devices and SAP.
 - /// INGELYT (International Engendering company): Project Expenses Management

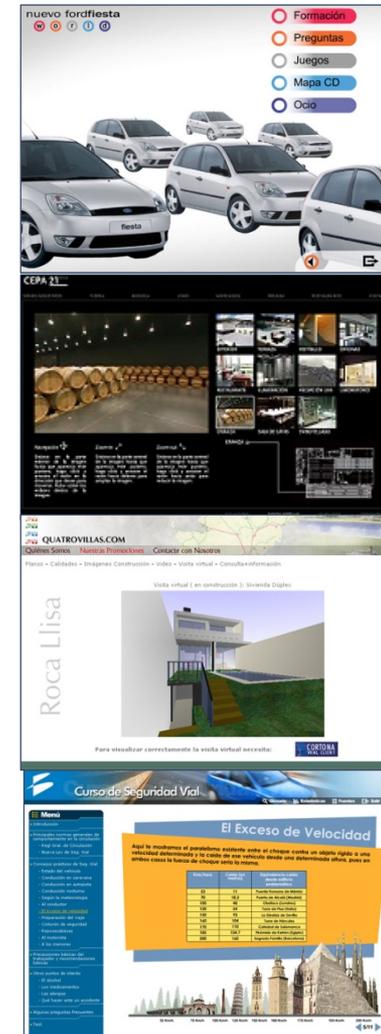


4.6 Architecture and Security. Audits [\(link\)](#)

- /// Your services and performance and thus your profitability is in danger at the moment there is a lack of a trustable and secure platform, withn an optimal architecture.
- /// We perform Security Audits with the implementatio of the consequent recommendations . Some of our best practices are:
 - /// Bergé Group: SAP PI Interfaces Implementation
 - /// SERVEX: Auditing and complete re-engineering of communications architecture , software, and Integration of different environments.
 - /// Jazztel: Advice on the wireless deployment for Integration with fiber optic routers to provide connectivity to more than 1,500 people simultaneously (Internet Forum)
 - /// ALD Automotive : Security
 - /// Audalia (Audit specialized firm): Security audit for its customers including the Spanish Organic Law on Data Protection
 - /// Daikin: SAP systems architecture for connection - Internet . Security auditing including Spanish Organic Law on Data Protection.
 - /// SportsYA: Sizing and hosting of website SportsYA.com architecture . Maintenance and safety control (portal with more than 1 million registered users)

4.7 Multimedia [\(link\)](#)

- /// Thanks to our leadership in advanced technologies we have been able to bring up a new sense of Multimedia Developments with high levels of interactivity and extraordinary dynamism. Some of our works for marketing departments of different customers are:
 - /// UNICEF: Annual Multimedia Presentation including different languages.
 - /// Ediciones Cinca: Corporate presentation for OHL
 - /// Bassat-Ogilvy (Ford): Sales Training Multimedia Presentations for new car models
 - /// Grupo Recoletos: Layout and document creation with the agenda for their training courses.
 - /// Terratest: Pictures Management Web System
 - /// Bluemat (Unión Fenosa): e-learning multimedia courses for the SABA platform
 - /// FEIQUE – Ministry of Science and Technology: Chemistry and Life Multimedia training presentation
 - /// IPIX 360° virtual tour to Cepa 21 and Emilio Moro wineries
 - /// IPIX 360° virtual tour to Pressto dry cleaners franchise
 - /// IPIX 360° virtual tour to Pedro Ferrándiz Foundation
 - /// 360° Virtual Interactive Tour (VRML) to virtual edifications for the real-state company Quatrovillas
 - /// ACB (Basketball Clubs Association, first basketball division at Spain) Digitizing and video editing



5. Contact Information

/// We hope that the information presented is of any use.

/// For more information visit our website: <http://www.hps.es>, or contact us directly :

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