Corporate Presentation

hps
HighPerformanceSolutions

Technology is a path
We accompany you as far as you want to go

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Who we are

Since 1999
+25 years

100.000 €
Share capital

Over 2 M €
Annual Sales

40 Professionals

Contracting in mode:
- **Turnkey:** Projects and sub-projects with fixed planning and cost
- **Time and Material:** Staff Outsourcing

Multiple international approvals: HPE, DXC, SOPRA, UNICEF, DHL, Computacenter,...

+200 national and international customers

HighPerformanceSolutions

Specialists in the following areas

SAP Technology

Integrations

Systems & Cloud Computing

Developments

Systems Architecture

Mobility

Audits & Security

Trainings

HighPerformanceSolutions

Technology Services

Development and Maintenance Services

Developments

- o PHP, JavaScript, JAVA, .NET, Phyton, Delphi, and C# languages among others
- o Frameworks and Web Services: **DRUPAL, ALFRESCO, JOOMLA, WordPress, WebLogic, Vignette.**
- o **Web Developments (Intranets y Extranets):** Management systems on the Web, integrated with backends.

Mobile App Development at:

- o **Apps: iOS, Android y Windows Mobile**
- o **Mobile Architectures:**
  - o Web Services + Apps
  - o HTML5 – Responsive Design

Developments of Custom Integrated Portals:

- o **Developers of the data exchange system with the AEAT (Spanish Customs)**
- o Development of integrated portals with systems under various technologies
- o Development of multi-platform dashboard systems
- o Mobile Apps Development (iOS & Andorid)

Maintenance of developments already created by third parties:

- o Analysis of the previous developments. Reverse engineering when necessary
- o Updating documentation
- o Maintenance of development and development of enhancemenents
- o Technology Update when necessary

Automated Test Systems

- o Deployment of necessary architecture. Dockers deployment option
- o Definition of the tests to be automated
- o Implementation of testing mechanisms, including stress testing.
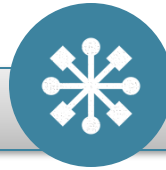
Approved AEAT developer company (Spanish Customs)

Interface migration in on-premise platform evolution projects or cloud migration

- o Analysis of existing interfaces, technologies, and protocols: point-to-point and middleware
- o Documenting Low-Level Integration Scenarios
- o Migrating and testing cataloged interfaces
- o Deployment of interface monitoring mechanisms at both the data and communication levels
- o Implementation of self-reaction mechanisms in the event of detected incidents

New interfaces Design

- o Analysis of the necessary communications between systems
- o Design of communication protocols contemplating exception control
- o Definition of communication architectures and authentication and security systems
- o Design of the input and output message structures of the systems
- o Design of monitoring and incident reaction mechanisms
- o Design of the architecture of the middleware systems to be implemented
- o Design of the test plan and entry into production

Implementation of the defined Integration Scenarios:

- o Deployment of communication architectures
- o Development of the input and output interfaces of the different systems in the technologies contemplated in the development area: ABAP, JAVA, JavaScript, PHP, C#, and Delphi among others
- o Implementation of interfaces on the Proxy API, and/or middleware
- o Execution of the test plan and GoLive. Test plan automation possible

Systems & Cloud Computing Services

Design of Hybrid Architectures:

- o Public cloud (hyperscalers and others), private cloud and on-premise

Deployment and Management:

- o **Databases: Architecture Design, Installation, High Availability, Replication Systems: ORACLE, MS SQL Server, MySQL, and MaxDB**
- o **OS**: Linux (Red Hat, Suse, CentOs, etc), Windows Server

Design and implementation of Demilitarized Zones (DMS):

- o Design of multi-environment communication architectures, securely integrating internal on-premise and cloud communications with external systems, through network segmentation and use of routers, firewalls, and proxies

Dockers & Kubernetes:

- o Design, Build, and Deploy Container-Based Software.
- o Redesigning monolithic applications into Dockers-based mini-services

Architecture and Security: Audits

Test automation systems:

- o Web Environments (Selenium)
- o Mobile App (Appium)
- o Windows Applications (TOSCA)
- o Tests de carga (JMeter)

Ethical Hacking Systems

Micro Services Architectures

Transformation Projects
Micro Service Architectures (Dockers & Kubernetes)

We offer the service of reengineering monolithic systems in mini-service architecture based on dockers, covering all phases:

o Analysis of the current system, definition of objectives, and proposal of improvements

o Technical design of the target architecture and transformation process

o Project Implementation:

  o Modularization of applications in micro-services

  o Definition and implementation of interfaces between micro-services

  o Systems: Deployment, installation, configuration

  o Implementation, parameterization and adaptation of middleware software to facilitate the exchange of data between microservices (optional)

o Operation: Maintenance, monitoring, updating and implementation of evolutions

SAP Services

SAP Integration Services
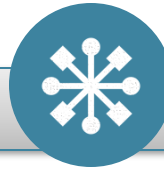
Design:
- Integration architecture design: DMZ, Middleware, Proxy, IdP, etc.
- Functional design of the integration, with a focus on exception handling
- Design and deployment of self-reaction mechanisms to incidents

SAP PI/PO Experts: Covering all Phases
- Deployment of SAP PI/PO in multiple environments, including CTS+, high availability production system (optional) with multiple AAE (optional)
- Implementation of the interfaces in the defined protocols: ABAP Proxy, SOAP, REST, RFC, iDOCs
- Implementation of self-reaction mechanisms to incidents
- Monitoring and maintenance
- Re-modeling of integrations, and migration to use of ICOs
- Design and development of BPMs
- Development of tailor-made SAP PI connectors according to SAP standards
- Migrating integrations to SAP BTP Integration Suite: SAP API Proxy & SAP Cloud Integration

SAP BTP Experts – SAP Integration Suite: Covering all phases
- BTP Architecture Design: Global Account – Directories – Regions – Subaccounts
- SAP Cloud Connector architecture design and deployment for on-premise connection with SAP BTP
- Implementation of the interfaces in the defined protocols: SOAP, REST, RFC, iDOCs
- Development of complex Integration Flows that include functionality. Migration of BPMs and ccBPMs
- Migrating ABAP Proxy Interfaces to SAP Integration Suite
- Monitoring and maintenance
- Development of tailor-made connectors according to SAP standards
- Migration of SAP PI/PO integrations and from other middleware to SAP BTP Integration Suite

Experts in ABAP developments for integration: ABAP Proxy, ABAP REST custom, ABAP ODS, customised Odata :
- Creation of the necessary artifacts following SAP standards
- ABAP development for integration

Migration from SAP PI/PO to SAP Integration Suite, including complex scenarios with a high number of interfaces, communication channels and/or BPMs

SAP Customer Experience(CX): SAP Fiori/SAPUI5 - OData

Web publishing architecture design and deployment:
- o Design of the publishing architecture on-premise (DMZ, SAP Web Dispatcher) or in SAP BTP (Cloud Connector + SAP Portal)
- o Deployment of necessary Add-Ons in the backend, Gateway and web application server
- o Configuring authentication mechanisms, certificates, and trust relationships.
- o Configuration and parameterization of the basic services for the publication of the services

SAP Fiori: SAP Standard Solution for HTML5 Publishing
- o Taking of requirements of the services to be published.
- o Search for standard SAP Fiori services that meet the requirements set out
- o Deploy standard services, configure the necessary integrations, and assign roles
- o Adaptation of services to the particular requirements of each situation both at the back-end level (Odata services) and the front-end (SAPUI5)
- o Integration with customized PUSH notification system from SAP to the SAP Fiori client adapted.

SAPUI5: Development of tailor-made SAP Fiori services through the use of the SAPUI5 base library, when there is no valid SAP Fiori standard application.
- o Gathering requirements of the service to be implemented
- o Search for standard OData services that can meet the data needs to be presented or updates to be made
- o Custom development of OData services that may be required
- o Front-end development using SAPUI5, attacking OData services

OData ABAP Developments for Publishing: Developing OData ABAP Objects for Calling from SAPUI5

SAP Screen Personas: Simplifying ABAP Screens Using SAP Screen Personas
- o Gathering requirements of the service to be implemented
- o Using scripting to automate screen content

Integration with SAP Fiori Launchpad or SAP Portal: Publication of published services in the user menu according to their role.

Others:
- o Ethical Hacking System: Carrying out attack tests on published services for the review of their cybersecurity
- o Automated Testing: Automated testing of published services (Selenium, JMeter)

Sistemas & Cloud Computing SAP

Project Management Office:

- o SAP Pre-Audit : Analysis of license usage and indirect uses
- o Advice on the preparation of procurement specifications and subsequent evaluation of proposals
- o PMO support for the management and monitoring of the transformation project

Systems:

- o Technical design of the new architecture
- o Installation, migration and upgrade of SAP systems including high availability and disaster recovery
- o Migration of SAP and non-SAP interfaces as part of the transformation process
- o Design, deployment, maintenance and audits of backup, monitoring, high availability and disaster recovery systems
- o SAP Basis Administration (24x7) in Spanish and English : SAP maintenance on site or remotely, including on-call
- o SAP S/4 HANA Suite:
    - o GreenField: Implementations from scratch with re-implementation of functionalities and custom developments, reusing the parameterizations and previous code
    - o BrownField: Migration of existing SAP ECC systems with adaptation of developments

Monitoring:

- o Centralized Monitoring: Implementation of SAP Solution Manager. Monitoring of all SAP on-premise and Cloud systems. Configuration of auto-reaction systems to resolve or alert of possible incidents

- o Interface Monitoring: Monitoring of interfaces by operators with knowledge of the middleware used. Design and implementation of monitoring and self-reaction mechanisms.

Corporate Presentation

Project Examples
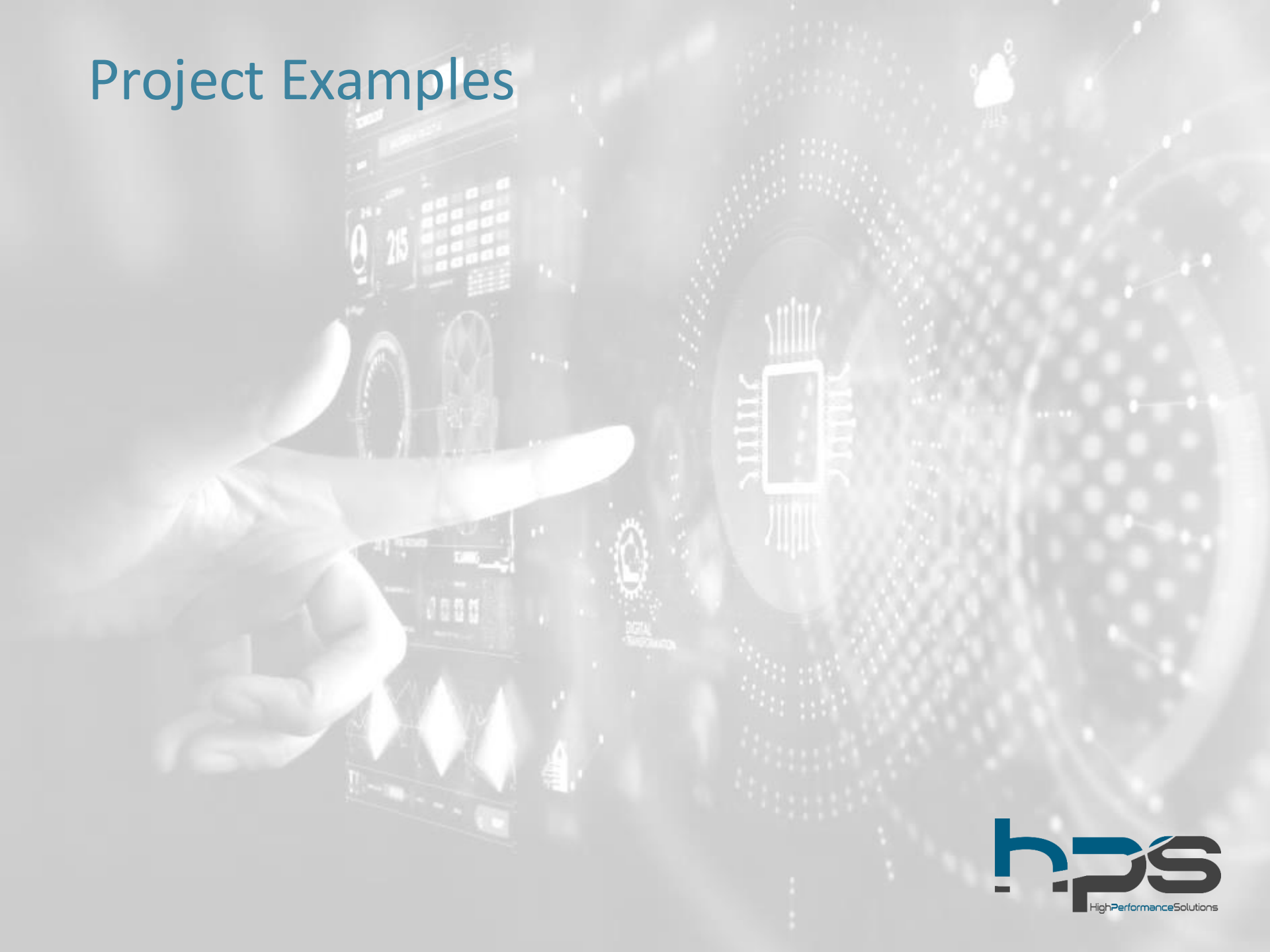
- o Administration and Monitoring of Systems & Databases & Applications (24x7) in a multinational Real Estate company
- o **Web Portals**
  - UNICEF English Committee : Dynamic Web Content Manager
  - Bodega Santa Cecilia: On-line store integrated with SAP
  - Cepa21: Website of the prestigious Ribera de Duero winery
  - Fernando Torres and Pedro Rodríguez: Official Websites
  - SEPI Foundation: Development of its Document Management System
  - FEIQUE (Business Federation of the Spanish Chemical Industry). Intranet and Extranet
  - Daikin: Daikin Web, Intranet, Extranet
- o **Integrations and management systems:**
  - DHL (EAT): System for the management of transits and communications with the AEAT
  - ConteRail: SaaS data exchange system with AEAT.
  - ECOFON (teleoperator): Development of the billing system by applying the details of each call.
  - INGELYT: Project Expense Management System

- o We create mobile applications in different architectures
  - CSP (Full Services Corporation) Mobile service under PDA for insurance adjusters integrated with AS400, and through XML with insurers (GRUPAMA and Balumba)
  - Department of Bioequivalence Studies of the Autonomous University of Madrid: drug tests avoiding manual errors and optimization of the process in times and for the external audit process (link).
  - AVANTE: Positioning system for vehicle fleets by means of UMTS mobile communication devices, with GPS.
  - E.g. ORONA Group: Development of travel expense reporting and management system (HTML5 + Responsive Design)
- o Multimedia developments
  - UNICEF: Creation of Annual Multimedia CDs including different languages.
  - Cinca Editions: Corporate presentation for OHL
- o **Security & LOPD**
  - SERVEX: Complete audit and reengineering of communications architecture, software, and integration of the different environments
  - ALD Automotive: Safety audit. Implementation of your follow architecture

Proyectos SAP

- Definition of SAP Technical Architecture (Cloud) in Telefónica in collaboration with MINSAIT
- Implementation of SAP ME & SAP Gateway with SAP HANA 2.0 at AIRBUS in collaboration with DXC
- Adaptations in SAP S4/HANA in AZURE in Geocratic client using ODATA & ABAP in collaboration with MyCloudDoor
- Adaptations of the OH module with SAP Screen Personas integrated with SAP Fiori Launchpad at SEAT in collaboration with ATOS
- SAP FIORI (Gateway) implementation at AIRBUS in collaboration with DXC
- Analysis and Redesign High Availability in HANA in Renfe's production systems in collaboration with DXC
- SAP 24x7 maintenance at the Ministry of Environment in collaboration with DXC
- Implementation and parameterization of SAP PI 7.5/HANA 2.0 interfaces. Configuring System Replication on SAP HANA and AIX High Availability in Collaboration with SAPIMSA
- Integrations with Success Factors through SAP Cloud Platform Integration in Israel in collaboration with SAPIMSA
- Heterogeneous on-site/remote migration of an architecture of more than 50 SAP systems in Germany/England, including the design and architecture of the project. Migrating SAP PI/PO systems to environments with more than 600 interfaces in collaboration with HPE.

- Heterogeneous on-site migration of an architecture of 200 SAP systems in Saudi Arabia, including IdM (Identity Management), SAP PI, SAP EP, and environments with more than 6TB in collaboration with HPE.
- Complete implementation of SAPUI5 services for a Mexican company in an international project. Development of adaptations and tailor-made services. All these developments were created within the SAP BTP
- BW/Oracle to BW/Hana Migration Using DMO
- Heterogeneous migration from HPUX to HP's Cloud (Linux) for the Generalitat, in collaboration with HP
- Implementation of SAP HANA for Logista in collaboration with HP
- Upgrade with passage to UNICODE, database upgrade and heterogeneous migration in collaboration with ASPA Consultores
- Upgrade of more than 100 ORACLE DBMS for Vodafone
- Complete implementation and maintenance of SAP Fiori for a German company in an international project. Development of adaptations and tailor-made services. Mobile client development (iOS) with integration with device notifications.
- Development of GMPs for an important bottling company in southern Spain in collaboration with INSA.
- Coordination of SAP administration and execution of the same for BBVA in collaboration with Solium

We hope that the information presented has been useful.
For more information, please visit our website:

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