



## SAP XI / PI Technical Consultant

Request this consultant for consulting services.

Cendien: **(214) 245-4580**

<http://www.cendien.com/apps/sap/>

### Professional Summary

- 10 years IT experience in which nearly 6 years experience as SAP XI/PI/RM CONSULTANT.
- SAP NETWEAVER TRAINER, Specialist in Telecommunications, Netweaver SAP-XI 3.0 Developer Certified (S0003513235)
- Responsible for identifying interfaces data requirements and analyzing interface technologies to determine appropriate interface
- Expertise in best practices for XI / PI implementation and strategies on how to protect the investment and to reduce the TCO
- Extensive knowledge on SAP NetWeaver Technology and architecture including Exchange
- Infrastructure in the NetWeaver stack. Creating Configuration Scenarios for A2A and B2B Integration

### Technical Experience

#### Integration Experience:

- **Various systems integrated to SAP:** Core Medical Systems, Core Banking Systems, Purchasing Systems, Vendor Systems and Complementary Budget Systems (AS/400)
- **Solutions used:** SAP Netweaver XI 2.0, SAP Netweaver XI 3.0, SAP Netweaver PI 7.0

#### EDI Experience:

- Creation of multiple integration scenarios based on File Adapter with content conversion (Unicode UTF-8) to meet the functional requirements for message exchange among the company legacy system landscape.
- Adjustments on the mapping of ALE (EDI) interfaces for Legacy integration with SAP Netweaver 7.0,
- Changes on the Idoc control segment through XML handling.
- Changes in the IDOC distribution schema, Creation of partners profiles and Distribution list in order to exchange IDOC messages directly from XI as a central point of integration
- Integration between SAP and Adabas-C database repository using a Gateway (Adabas SQL Gateway).
- Legacy integration/migration using ALE (EDI)/IDOC adapter for master data interchange and data collection, Material Master – Matmas05 (UN/EDIFACT-INVRPT), Purchase Orders-Orders (UN/EDIFACT-ORDERS) and purchase Orders Status-Acpjou01 (UN/EDIFACT-ORDREP).
- Interaction with the Java frontend (message broker) of the Core banking system and XI through the use of JMS adapter (comm. Channel configuration and interface testing).

#### Non-SAP Experience:

- 3+ years of experience in administration, operation, design and maintenance of telecom interconnected networks.
- Effective in guiding clients through effective blueprint workshops, facilitating decisions on best practice procedures, executing configurations and subsequent testing with a focus on knowledge transfer and client orientation.

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## Clients / Experience

### Retail and Manufacturing Client - Costa Rica

#### SAP XI / PI Technical Consultant

- Work on project, customizing and implanting Netweaver PI/XI solution.
- Involved in Preparation of Technical specs, functional specs and creating a migration plan to move the development to production and production support
- Configured in Integration Directory for various sender and receiver channels according to the Business systems and business services, Create Receiver Determinations, Interface Determinations, Receiver Agreement, and Sender Agreement depending on the scenario
- Outbound IDOC configuration by implementing change pointers so that it could send out data for any changes to the customer master data.
- Remote support for configuring and testing their integration proof of concepts within the legacy systems.
- Responsible of creation, maintenance and publication of technical recommendations for the Company's legacy Integration project.
- **EDI**: Creation of multiple integration scenarios based on File Adapter with content conversion (Unicode UTF-8) to meet the functional requirements for message exchange among the company legacy system landscape.

### PACCAR (Bellevue, WA)

#### SAP XI Technical Consultant

- Work on project, customizing and implanting Netweaver XI solution.
- Developed and maintained detailed documentation to support all phases of ASAP Methodology.
- Integration adjustments with their purchasing system and the vendor systems. RFQ, Quotation and Contract data exchanged with the vendor systems using XI.
- Adjustments of the Data Types, Communication Channels and Sender/Receiver Systems, for all new post-productive requirements.
- Build new user defined functions (Using Java) and graphical mapping, for custom arithmetical process.
- **EDI**:
  - Adjustments on the mapping of ALE (EDI) interfaces for Legacy integration with SAP Netweaver 7.0,
  - Changes on the Idoc control segment through XML handling.
  - Changes in the IDOC distribution schema, Creation of partners profiles and Distribution list in order to exchange IDOC messages directly from XI as a central point of integration.

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- Adjustments on the source and target systems and the associate communication channels (Abap Proxy/File/FTP/RFC Adapters) receiver determination and interface determination in the integration directory, for all new post productive requirements.
- Configure the file adapter with content conversion option to solve legacy systems issues.
- Monitoring and proficient troubleshooting of all interfaces in order to debug all integration scenarios.
- Provide solutions to issues like constant value mapping needed by the legacy system, routing the control to the appropriate message mapping based on the values in the XML message.

### Professional Services Firm SAP Technical Consultant

- Work on projects designing, consulting, customizing and implanting Netweaver XI/PI solution.
- Developed and maintained detailed documentation to support all phases of ASAP Methodology.

### Key Contributions

### Healthcare Client SAP PI Consultant (Process Integrator formerly XI)

- SAP-PI Integration with the Medical Core of the hospital and the complementary operation and logistic systems, such as medicine supplier system and 3<sup>rd</sup> party non SAP medical practitioner's payroll system.
- Design, Analysis and Configuration of all the interfaces for all non-Sap systems.
- Responsible for the full featured technical integration between Medical Core System and SAP-SD invoicing / SAP-FI Billing.
- Active participation in the configuration/programming of Sap ABAP RFC interfaces.
- Developed and maintained detailed documentation to support all phases of ASAP Methodology.
- Responsible for gathering requirements and technical specifications for the ABAP consultants.
- Technical coordinator between the customer platform administrators and the project consultant's team.
- Comprehensive use of File, JDBC, and RFC Adapters within all the integration scenarios.
- Administrator of SLD configuration.
- **EDI:**
  - Responsible for the Integration between SAP and Adabas-C database repository using a Gateway (Adabas SQL Gateway).
  - Comprehensive knowledge about J2EE architecture and patch deployment.

### Financial Client SAP XI Consultant (Exchange Infrastructure)

- SAP-XI Integration with the banking Core system of the client and the complementary budget systems (AS400).

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- Design and Configuration of all the interfaces of non-Sap systems and repository systems.
- Comprehensive use of File, JDBC, and RFC Adapters within all the integration scenarios.
- Participation of the Basis Technical labor (Testing of the XI environment installation)
- Active participation in the configuration/programming of SAP RFC interfaces.
- Configuration and development of a ccBPM scenario
- Administrator of SLD configuration.
- Responsible for gathering requirements and technical specifications for the ABAP consultants.
- **EDI:**
  - Legacy integration/migration using ALE (EDI)/IDOC adapter for master data interchange and data collection, Material Master – Matmas05 (UN/EDIFACT-INVRPT), Purchase Orders-Orders (UN/EDIFACT-ORDERS) and purchase Orders Status-Acpjou01 (UN/EDIFACT-ORDREP).
  - Interaction with the Java frontend (message broker) of the Core banking system and XI through the use of JMS adapter (comm. Channel configuration and interface testing).
- Active participation as an Integration / Data Collector consultant in the development and testing of a budget report system.

### **Manufacturing Client** **SAP Consultant**

- Work on projects consulting, customizing and implanting Netweaver XI solution and SAP-RM Records Management (as part of SAP-CRM solution).
- Developed and maintained detailed documentation to support all phases of ASAP Methodology.
- Establish the parameters for configuration, testing and debugging of SAP-RM software.
- Support for BASIS activities over platforms Windows Server 2003, including installation and configuration of SAP-ERP, ECC 5.0 and SAP-BW 3.5.
- Active participation in the development of prototypes and demos, as part of pre-sale support for Business solutions department in the Netweaver XI area

### **Key Contributions**

### **Finance Sector / Financial Client / Public Sector** **RM Consultant (Records Management)**

#### **Public Sector**

- Configure the propose solution for the Record management System (SAP-RM Public Sector).
- Desing of the interface between SAP-RM with Kofax Scan system for the physical support of documents.
- Define the processes of creation and conversion of Physical documents to electronic records within the Solution SAP-RM.
- Specify all necessary developments in ABAP for the integration of the SAP-RM and the Scan system.
- Responsible for corporate training of the system.

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### Telecommunications Sector / Telecom Client

#### XI Consultant (Exchange Infrastructure)

- Configuration of Non-Sap's Legacy Systems interfaces & Adapters.
- Responsible for the test of File adapter interfaces.
- Responsible for the Link between the SAP Integration & Cantv Team.
- Proof of concepts for Non Sap interfaces.
- **EDI**: Migration of previous Interfaces versions from XI 2.0 to 3.0 using XI and BC adapter.
- Testing/Configuration and use o 3rd party adapter (Iway AS400 mainframe Adapter)
  
- Technical assistance in the SAP-XI integration model development for the banking area (Republic Bank demo, Trinidad and Tobago, W.I.)

### Travel Sector / Hospitality Client

Jul 2005

#### Basis Consultant

- Systems installation:
- Productive System, ECC 5.0 + Oracle DB, over a Clustered Windows 2003 enterprise server.
- Go Live Support.
  
- Systems installation:
- Business One for Latcapital's Accounting Operation.
- WAS 6.40 + BW 3.5 and EP 6.0 SR1 + IDES, as platform for BW Starter kit development.

### Beverages Client

#### Basis Consultant

- System Installation:
- EWA report system installation + Sap Router + Network policies
- Kernel Update for all Systems (DEV,QA,PRD)

### Telecommunications Client

#### WAN Analyst

Person in charge of performance analysis of the WAN network,, assuring the correct use the resources. Responsible of all the operation, administration, maintenance and development of WAN network, with + 950 corporative clients, including +320 nodes multiplexors of different platforms located in the 8 more important cities of Venezuela, providing the interconnection for access to Internet with high speed, circuits point-point, point-multipoint, Frame access Relay, connections ATM (MPLS Frame Mode), telephony and Service of high capacity for the "Carrier" class. Coordinator of the work resources and materials to solve faults in WAN network (+25 employees), Coordinator of the Helpdesk team under the Transmission area and interconnection of networks (WAN), person in charge of technical request handling, for international carriers, including Global a Crossing, AT&T, MCI, Sprint, Impsat and Equant.

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### **Key Contributions**

- Development of a solution of SW/HW to manage a network SDH STM-4, obtaining a saving of +\$250,000 in licenses for software
- Reduction of 35% in the down time during the faults, through the development and use of a knowledge base that allows to canalize and to solve the recurrent cases depending on its nature.
- Development of automated statistics system of the network

### **Education / Certifications**

#### **Completed Courses:**

- WNATT SAP Trainer Training Course
- BIT-400 SAP XI Overview
- BIT-430 SAP XI Proxy Development
- BIT-450 SAP XI Business Process Management
- BIT-100 SAP Integration Technology Overview
- BIT-300 SAP ALE Integration Technology
- SAPTEC SAP Netweaver Overview
- ADM200 SAP Administration AS JAVA
- TEP-10 SAP-EP 6.0 Fundamentals
- TEP-15 SAP-EP 6.0 Developer foundations
- TBIT 40 SAP-XI 3.0 Fundamentals
- TBIT-41 SAP-XI 3.0 Mappings
- TBIT-42 SAP-XI 3.0 Adapters
- TBIT-43 SAP-XI 3.0 ccBPM
- TBIT-44 SAP-XI 3.0 Advanced
- Web based CISCO CCNA
- System Basic's (Tellabs Mexico) (PDH Products),
- SDH Products (Tellabs Mexico), Advanced Configuration & Operation of DXX Manager Tellabs,
- Focus Operation AC1 & LX SDH Nodes (Tellabs Mexico),
- Troubleshooting System Martis DXX (Tellabs Mexico),
- DB Management & maintenance (Tellabs Mexico),
- TCP/IP Basic (New Horizons Venezuela),
- TCP/IP Advanced (New Horizons Venezuela).

#### **Completed Workshops (Certification not available):**

- Fujicura 40 Fiber Fusion Splicer Operation,
- Analysis & Operation WG (Acterna) OTDR & TDR equipment,
- Analysis & Operation WG (Acterna) ANT 20 SDH Analyser

#### **Forums and Conferences**

- "Development of a Element Manager for a platform SDH STM-4" (Thesis of the specialization gained a place in XVII the National Conference in Telecommunications organized by the National Chamber of Companies of Telecommunications, OCT 2003).

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- Vocational session and short presentation of the thesis for the students of Telecommunications in the campus of the IUT Capital Region

### Trainings given:

#### SAP America (Newton Square, PA), Instructor/Trainer

- Training Course BIT400 (SAP XI Overview) (Apr 2008, Jun 2008)
- Training Course BIT430 (SAP XI Proxy Development) (May 2008)
- Training Course BIT100 (SAP Integration technology Overview) (Apr 2008, May2008)
- Training Course SAPTEC (SAP Technology Platform Overview) (Jun 2008)
- Training Course BIT450 (SAP Business Process Management) (Jul 2008)

#### Baker Hughes (Houston, TX), Instructor/Trainer

- Training Course ADM200 (Administration AS JAVA ) (Jun 2008)

#### Ingram Micro (Irvine, CA), Instructor/Trainer

- Training Course BIT400 (SAP XI Overview) (Apr 2008)

### SAP Consultants – SAP Software Consulting Services

## CENDIEN – SAP SOFTWARE CONSULTING EXPERTS

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