

SAP Development Department Expertise

◆ Experience and skills

The Solovat SAP development team has considerable practical experience performing the following services and works related to SAP AG software:

- ✓ **Installing and setting up the SAP Netweaver 2004 and 2004s platforms** (MS Windows 2003 Server, MS SQL Server 2000/2005, Double Stack (ABAP+Java)), including setting up Single Sign-On (SSO)
- ✓ **Installing mySAP ERP 2004**, transferring the copy of the customer's system to the newly installed instance
- ✓ **Developing J2EE applications for SAP Netweaver Web Application Server (WAS)** using Apache Struts, Hibernate, and SAP Web Dynpro for Java frameworks
- ✓ **Creating SAP Netweaver-specific application archives (EAR, SDA)**; installing and updating these archives with the help of SAP SDM
- ✓ **Integrating J2EE SAP Netweaver applications with existing SAP systems** with the help of the RFC (SAP Java Connector) protocol
- ✓ **Developing system applications (J2EE, Java Swing)**, including SAP system monitoring programs
- ✓ **Installing and setting up Exchange Infrastructure (XI) 3.0 and Process Integration (PI) 7.0**
- ✓ **Testing XI and PI** – standard SAP AG recommendations – and creating demo applications (ABAP Proxies, IDoc)
- ✓ **Working with the ABAP stack** - basic transactions, BAPI, CCMS, ABAP Workbench

◆ SAP platforms and technologies used

- ✓ **mySAP Business Suite 2004** (SAP Netweaver 2004, mySAP ERP 2004)
- ✓ **mySAP Business Suite 2005** (SAP Netweaver 2004s)
- ✓ **SAP TM/3** (on the basis of SAP R/3 4.7)
- ✓ **SAP Web Application Server**
- ✓ **Exchange Infrastructure (XI) 3.0**
- ✓ **Process Integration (PI) 7.0**
- ✓ **Enterprise Portal**

◆ Development tools

- ✓ **SAP Netweaver Development Studio**
- ✓ **IntelliJ IDEA**
- ✓ **Apache Ant**
- ✓ **ABAP Workbench**

■ Completed Projects

The Solovat SAP development department, in partnership with ERPsourcing AG and SAP Stäfa GmbH companies (Switzerland), has completed significant projects over the last 18 months.

◆ **Optima: Integrated Solution**

In 2008 Solovat began creating a substantial integrated solution for the “Optima” company, a large retail network, the regional leader in selling household chemical goods. We developed the following functionality:

- ✓ **Sales reports.** Suppliers can analyze information on-line and integrate data into their information systems.
- ✓ **Multi-format invoicing.** Customers can receive invoices in a variety of formats, allowing them to completely automate their workflow.
- ✓ **Personal workplaces.** “Optima” employees can analyze sales information in a variety of ways.

A significant challenge for the project was receiving the data from two SAP All-in-One for Retail subsystems: ERP and BI. SAP Netweaver 2004s was used as the technological basis for the project.

◆ **Developing Web application for Invoice Authorization System**

Solovat developed extended functionality for a custom solution for **Starbucks Schweiz and Starbucks Österreich**. The solution used mySAP Business Suite 2004 (FI, CO, HR modules) (@ccounting - <http://www.erpsourcing.ch/english/frameset.html?accounting.html>).

Solovat developed a multi-language Web application using SAP Netweaver 2004s (J2EE platform) for coffee shop network managers. The application allows the managers to review, monitor, and manage invoices with the help of a centralized user-friendly interface. The system significantly decreased the workload of the customers' financial departments and reduced the staff training expenses compared to standard SAP solutions (SAP GUI). The project also saved customers money purchasing SAP user licenses.

The Solovat project manager created and negotiated all technical documentation, including software requirements (SRS) and requirements for the data exchange interface between the ABAP and Java stacks.

Protected VPN-enabled access to development and production SAP servers facilitated secure, reliable off-site development. Developers and customers communicated using a task tracking and project management system, e-mail or phone, and in person at the partner company's office.

DE FR EN Print Change password Log out

Starbucks Coffee Company
Invoice Authorization System
ERPSUPPORT

View Authorize Clarify Search

Invoice Date	January 03, 2007	SAP Journal Number	2100000063
Booking Period	0107	Invoice Total	+ 1,223.00
Invoice Number	TEST_SCAN	Currency	CHF
Creditor Name	Starbucks Coffee Company	Posting Text	
View scanned document		Invoice Owner	ERPSUPPORT

Filter by costcenter

Pos	CC	Cost Center Name	Account	Account Name	Key	Amount	Posting Text	ID Number
002			0135300	SERVEWARE	Costs	+ 929.37		
003			0171000	INVESTMENT IN SUBS J	Costs	+ 207.25		
Sum						+ 1,136.62		

Autoriser Clarifier Rechercher

Centre de coûts de à

Autorisateur

Responsable facture

Statut

Date Comptabilisation de à

Période Comptal à

Date facture à

Semaine	lun.	mar.	mer.	jeu.	ven.	sam.	dim.
35						1	2
36	3	4	5	6	7	8	9
37	10	11	12	13	14	15	16
38	17	18	19	20	21	22	23
39	24	25	26	27	28	29	30

Nom Crédeur

Numéro facture

Total facture à

Compte de à

Clé

Numéro Interne de à

◆ System Landscape Monitoring Application (SAPatrol-3)

Solovats's SAP development department worked for the ERPsourcing AG company to create a multi-platform (Windows, Linux) client-server system application (J2SE, SAP JCo, SAP XAL) to monitor the state of the customer's system landscape. The application allows the user to:

- ✓ **Monitor and control SAP systems**
 - ABAP stack availability
 - Java stack availability
 - Disc space control

- Stress test (ABAP, Java stacks)
- ABAP stack performance control (Dialog Response Time)
- Spool system monitoring
- Monitoring of incorrectly finished SAP Jobs
- Monitoring of incorrectly finished XI/PI messages
- ✓ **Receive detailed information about the SAP systems** (core version, components versions, operating system, databases etc.)
- ✓ **Monitor network accessibility of any device** (ping test)
- ✓ **Monitor FTP server availability**
- ✓ **Analyze log files** (expression search, control of MS SQL 2000- and 2005-specific log files)
- ✓ **Perform MS SQL Logship analysis** (control of database replication operations in the main and backup hosting centers)

The system allows the user to specify the schedule and interval of checks and the staff notification rules in the case of a system failure. The notifications can be sent by e-mail or SMS.

Moreover, we developed our own data protection system and software licensing system.

The customer currently uses the system to monitor and control about 150 SAP systems in the customer's hosting center at their headquarters.

We are currently developing the next version of the system, which will allow the user to perform more detailed monitoring of SAP systems. For instance, the new version will allow the customer to: analyze failures in critical SAP Jobs, notify them of print operations failures, control XI Alerts, and provide several other SAP systems-related functions. The aim of the development is to create a solution which would be simpler and user-friendlier than SAP CCMS.

The project manager worked to create and negotiate all technical documentation and software requirements (SRS).

All work was performed off-site. Developers and customers communicated using a task tracking and project management system, e-mail or phone, and in person at the partner company's office.

◆ **Developing Web application for the Track & Tracing of Deliveries system**


Solovat's SAP development department created a **multi-language Web application to track and trace deliveries for the international transport company**, Rhenus Logistics (Switzerland branch). The system is a J2EE application using SAP Netweaver 2004s. This application is a front-end for the existing SAP TM/3-based system.

The system allows monitoring the following functions:

- ✓ **Tracing and monitoring the status of deliveries**
- ✓ **Delivery confirmation from partner companies** (DHL, FedEx etc.)
- ✓ **Managing accounts of customers and partner companies**

The Solovat project manager negotiated the project details at the start of the project and created and negotiated all technical documentation, including software requirements (SRS) and requirements for the data exchange interface between the ABAP and Java stacks.

Protected VPN-enabled access to development and production SAP servers facilitated secure, reliable off-site development. Developers and customers communicated using a task tracking and project management system, e-mail or phone, and in person at the partner company's office.

Deutsch | English 

Track & Trace | User data | Help | Contact

Selection / Search

- Customer's reference
- Order Confirmation No.
- Your ref. No.
- Invoice No.
- Waybill No.
- Date of shipping
- Transport No.

Home » Selection / Search Waybill No.

Waybill-No.*


*) Mandatory field

Search result:

(2 records found)

ID	Customer's reference	Date of shipping	Country	City	Consignee	delivered *-plan
0052...	M896853	02/02/2007	IT	NOVATE...	M...	02/07/2007
00524...	M870216	11/13/2006	ES	L'Hospil...	Mell...	11/20/2006

UserID: Customer
Logout

Deutsch | English 

Track & Trace | User data | Help | Contact

Selection / Search

- Customer's reference
- Order Confirmation No.
- Your ref. No.
- Invoice No.
- Waybill No.
- Date of shipping
- Transport No.

Home » Selection / Search Date of shipping

Date of shipping* to

Country

ZIP

Method of shipping

*) Mandatory field

The following error occurred		No.	Type
228 records found A maximum of 200 shippings can be displayed. Please refine your search.		114	W

Search result:

(228 records found)

ID	Customer's reference	Date of shipping	Country	City	Consignee	delivered *-plan
0052...	M96...	09/10/2007	DE	Heidelberg		09/11/2007
0052...	M96...	09/10/2007	DE	Hamburg	Fa...	09/12/2007
0052...	M96...	09/10/2007	DE	Waldsee	W...	09/11/2007
0052...	M96...	09/10/2007	DE	Unna	B...	09/11/2007
0052...	M96...	09/10/2007	DE	St. Johann	He...	09/11/2007

UserID: Customer
Logout

Training

All Solovat SAP developers have completed comprehensive training courses in the office of our partner company (ERPsourcing AG) in Switzerland, focusing on SAP Basis, SAP Netweaver, and SAP PI (XI).