

Systems**Integration**



FLORIN WACH

Senior SAP Business Workflow Consultant
Senior ABAP Development and Coordination

Contact

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Overview

Cross country integration for SAP Business Workflow • Release strategies for Purchase requisitions / purchase orders • Invoice verification processes, incl. Workflow and/or VIM OpenText (MM/FI) • SD OtC – Order management, invoice, accounts receivables • Various cross application ABAP implementation (ABAP-OO-) for FI,CO,MM,SD,PM,PP,QM,HR • Development coordination / Lead development

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PROFILE

Brief picture

SAP Development Associate for SAP Business Workflow® und SAP ArchiveLink®, Project management. Developer for all main modules with reporting, dialog, output, web-services and object oriented design.

Languages

German, mother language
English, fluently spoken and written

General IT experience

First encounter at a very young age of 12years on Apple Ile on BASIC, UCSD-Pascal und 65C02 RISC-Assembler.

In the next years, knowledge enriched with languages such as C, C++ and Java as well as “pseudo languages” like HTML, XML.

EXPERIENCE ON SAP

ABAP Development

21+ years

SAP Business Workflow Modules

19+ years
BC-BMT-WFM, FI, CO, SD, MM-PUR, MM-LOG-INV, HR

Additional qualifications

SNI certified SAP Basis administrator
BC601 – SAP Business Workflow
BC610 – SAP Business Workflow development
BC615 – SAP ArchiveLink
BC616 – SAP Data archiving
SAP Certified Application Associate for
SAP Business Workflow with SAP NetWeaver 7.0
SAP VIM OpenText 7.5 – Workshop at OpenText

Memberships

SAP Workflow User group (MIT)
SAP Community Network: SAP Business Workflow Contributor

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EXPERTISE

- **Working in project for worldwide consolidation of the SAP Systems landscape**
 - Working in globally distributed teams
 - Structured and documented project work under quality assured systems
- **International integration of Shared Service Centers with existing Workflow scenarios within MM-PUR, MM-LOG-INV and FI-AP/AR**
 - Incoming invoice verification (Scanning, SSC solutions)
 - SSC for purchasing (contract management, purchasing process)
 - Treatment of intercompany invoices (w/o CO)
- **Release procedures of purchase requisitions and purchase orders**
 - Customizing
 - Classification
 - Enhancements by SAP Standard user exits and via Enhancement workbench
 - Full qualified development of approval workflows with parallel and sequential approval (project manager, organization, by value)
 - Highly configurable agent determination by organizational structures (HR / non-HR)
 - Integration/Freigaben FIORI
- **Release procedure for incoming invoices**
 - Process analysis, consulting and configuration
 - Customizing of blocking reasons price and quantity (SAP Standard)
 - Automated correction of purchase orders
 - Custom dialog programs
 - Quantity check / approval / refer-for-information with FIORI integration
 - Support / Error analysis / customizing check for OpenText® SAP® VIM
- **Release procedure of SD Orders and invoices with SAP Business Workflow**
- **Integration of mobile devices to perform activities within the Workflow solution**
- **EDI/IDoc programming**
 - Enhancements within the inbound/outbound processing for posting additional custom data
 - Port configuration
 - Custom IDoc exports to flat files
- **Reporting Tools**
 - Development of central tools to simplify recurring support activities
 - Business item monitoring

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- **Development coordination**
 - Evaluation and assignment of tasks within international operating teams
 - Grouping, specification of development packages
 - Code review (quality control) and coaching
- **Other various programmierung SD / FI / MM**
 - Programming of User-Exits
 - Business-Add-Ins (SD, MM)
 - Interactive programs ABAP ListViewer (OO)
 - Other Workflow developments within Material movement (inbound/outbound)
 - IDoc extensions, programming, exits
 - SAP® VIM® for OpenText 7.5 SP6 (complete project plan-to-deliver)
 - oData-Service, SOAP Services, FIORI Apps
- **Approval workflow for changes of master data (vendor/customer) (4-eyes principle)**

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PROJEKTAUSZÜGE

Project	Bilstein Service GmbH – Production planning workflow, credit limit workflow
Module (R/3) / Process	PP, FI-AR
Tasks/Responsibilities	<ul style="list-style-type: none">▪ Implementation of Workflow for termination of production release▪ Implementation of Workflow for credit limit release (customers) <p>Complexity: low</p>
Team	2
Period	03/2021 – 04/2021 (part time)
Role	Consulting / Development
Implemented in	SAP ERP ECC 6.40
Project	Covestro AG, Agency Business
Module (R/3) / Process	SD / Agency Business (AB), Order to Cash OtC
Tasks/Responsibilities	<ul style="list-style-type: none">▪ Implementation of release Workflow for settlement documents of Agency Business <p>Complexity: moderate</p>
Team	5
Period	06/2020 – 12/2020 (part time)
Role	Consulting / Development
Implemented in	SAP ERP on HANA DB, on premise

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Project	Covestro AG, VIM OpenText Roll-Out
Module (R/3) / Process	FI-AP, Purchase to Pay PtP
Tasks/Responsibilities	<ul style="list-style-type: none">▪ Roll-Out OpenText SAP VIM▪ Länderspezifische Erweiterungen▪ Betreuung, C-Level <p>Complexity: High</p>
Team	5
Period	07/2018 - 03/2021 (part time)
Role	Development lead, process consultant VIM OpenText
Implemented in	SAP ERP on HANA DB, on premise

Project	Bilstein Kaltband, Hagen
Module (R/3)	MM, LO
Tasks/Responsibilities	<ul style="list-style-type: none">▪ Implementation of various Release and coordination Workflows▪ Form development with Adobe Forms and Adobe Interactive Forms w/SOAP Services▪ Complexity: moderate
Team	4
Period	01/2020 - running (part time)
Role	Consulting, Implementation
Implemented in	SAP ECC 6.40 EhP 5

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Project	Covestro AG, AP Landscape transformation
Module (R/3)	MM-LOG-INV, FI-AP, Purchase to Pay
Tasks/Responsibilities	<ul style="list-style-type: none">▪ Introduction / Setup of SAP® VIM® OpenText® 7.5▪ Harmonization and consolidation of various tools for invoice processing into a single system▪ Development coordination▪ Adaption of oData-Services for FIORI Release Apps, User Exits, Enhancement framework and such▪ System design custom FIORI Apps▪ System architect <p>Complexity: very high</p>
Team	11
Period	10/2017 - 06/2018 (full time)
Role	Lead developer, Process consultant SAP VIM OpenText
Implemented in	SAP ECC 6.40 EhP 5, SAP VIM 7.5 SP6
Project	HELLA KGaA – Contract, Purchase order and requisition release
Module (R/3), Process	MM-PUR, Purchase to Pay
Tasks/Responsibilities	<ul style="list-style-type: none">▪ Strongly oriented with SAP Standard▪ Implementation of contract order release and requisition release, incl. customizing and all development activities▪ Creation of HR mini master with HR Organizational model in place for release codes▪ Complexity: moderate
Team	3

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Period	05/2016 - 09/2016 (part time)
Role	Consulting, Development
Implemented in	SAP ECC 6.40 EhP 5
Project	Workflow Support (across modules), Covestro AG
Module (R/3)	MM-LOG-INV, FI-AP, MM-PUR, and others
Tasks/Responsibilities	<ul style="list-style-type: none">▪ Ticket based developments, smaller enhancements off the solution Complexity: moderate, high, very high
Team	4
Period	10/2015 - 12/2017 (part time)
Role	Implementation
Implemented in	SAP ECC 6.40 EhP 5
Project	Ad-hoc Invoice release with SAP Business Workflow, HELLA KGaA
Module (R/3)	MM-LOG-INV
Tasks/Responsibilities	<ul style="list-style-type: none">▪ Implementation and roll-out of ad-hoc based release Workflow for invoice verification▪ Complexity: moderate
Team	1
Period	10/2015
Role	Consulting, Implementation
Implemented in	SAP ECC 6.40 EhP 5

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Projekt	MOVE BAYER MaterialScience AG
Module (R/3)	MM-LOG-INV, FI-AP
Tasks/Responsibilities	<ul style="list-style-type: none">Integration project for new system landscape Complexity: Moderate
Team	12
Period	05/2015 – 09/2015
Role	Consulting, Development
Implemented in	SAP ECC 6.40 EhP 5

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Projekt	Austria roll-in Caverion Finland and Austria
Module (R/3)	MM-LOG-INV, FI-AP
Aufgaben/Tätigkeiten	<ul style="list-style-type: none">Integration eines Rechnungsprüfungsworkflow (mit Migration) in bestehende SystemlandschaftKomplexität mittel
Teamgröße	5
Zeitraum	02/2015 – 06/2015
Eigene Rolle	Beratung, Entwicklung
Realisiert unter	SAP ECC 6.40 EhP 5
Projekt	Verschiedene Workflow-Projekte HELLA KGaA, Lippstadt
Module (R/3)	MM-LOG-INV, Workflow, Genehmigung mittels Web-Applikation, MM Stammdaten, Eingangsrechnungsbuch
Aufgaben/Tätigkeiten	<ul style="list-style-type: none">Projekt zur einheitlichen Genehmigung von Eingangsrechnungen mit mehreren StufenBeratung/Entwicklung zur Erfassung von LieferantenstammsätzenInstallation SI Rechnungseingangsbuch (optimiertes Workflow-Reporting für Eingangsrechnungen)Durchführung der Genehmigung sowohl innerhalb R/3, als auch mit Schnittstelle zur hauseigenen Web-Lösung. <p>Komplexität: mittel bis hoch</p>
Teamgröße	3 Mitarbeiter
Zeitraum	02/2014 – 06/2014
Eigene Rolle	Beratung, Entwicklung
Realisiert unter	SAP Enterprise, Web-AS ECC 6.00 / 6.40

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Project	Austria roll-in Caverion Finland and Austria
Module (R/3)	MM-LOG-INV, FI-AP
Tasks/Responsibilities	<ul style="list-style-type: none"> Integration of invoice approval workflow (migration) into existing system landscape <p>Complexity: Medium</p>
Team	5
Period	02/2015 – 06/2015
Role	Consulting, Development
Implemented in	SAP ECC 6.40 EhP 5

Project	Various workflow projects HELLA KGaA, Lippstadt
Module (R/3)	MM-LOG-INV, Workflow, web-approval, MM Master Data, Invoice log
Tasks/Responsibilities	<ul style="list-style-type: none"> Project for building a Shared Service Center for unified approval process for incoming invoices Consulting and development for vendor master data creation Installation of the SI Invoice Log (optimized invoice workflow tracking) Approvals are done within SAP R/3 or a custom web application (via LotusNotes) <p>Complexity: Medium</p>
Team	3
Period	02/2014 – 06/2014
Role	Consulting, Development
Implemented in	SAP Enterprise, Web-AS ECC 6.00 / 6.40

Project	Development factory capgemini
Module (R/3)	MM, FI
Tasks/Responsibilities	<ul style="list-style-type: none"> Lead developer for various solutions in the PtP cluster Coordination with offshore team Quality gatekeeper for ABAP implementations <p>Complexity: High</p>
Team	9
Period	11/2014 – 05/2015
Role	Consulting, Development
Implemented in	SAP ECC 6.40 EhP 5

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Project	Web-Based Trip Approval HELLA KGaA, Lippstadt
Module (R/3)	FI-TV, Workflow, web-approval
Tasks/Responsibilities	<ul style="list-style-type: none"> ▪ Project for a unified approval of travel costs ▪ Approvals are done within SAP R/3 or a custom web application <p>Komplexität: Mittel bis hoch.</p>
Team	3 Mitarbeiter
Period	01/2014
Role	Consulting, Development
Implemented in	SAP Enterprise, Web-AS ECC 6.00 / 6.40

Project	Global workflow consolidation and redesign BAYER Business Services GmbH
Modules (R/3)	MM, Workflow, EDI
Task and responsibilities	<ul style="list-style-type: none"> ▪ Project for worldwide consolidation of SAP Systems. ▪ Cross national integration of existing workflow scenarios in MM and LOG-Inv to be centralized in Shared Service Centers (Front-/Backoffice) <p>• Complexity: Medium to high</p>
Team members	35
Period	07/2011 – 12/2013
Role	Consulting, Development
Implemented in	SAP Enterprise, ECC 6.00 / 6.40 web-AS 7.00

Project	Release procedure of purchase order/-req. BAYER Business Services GmbH
Modules (R/3)	MM, Workflow, EDI
Task and responsibilities	<ul style="list-style-type: none"> ▪ World wide Roll-Out of approval workflows for purchase requisition and purchase orders ▪ Re-Design of approval workflows that are already in production in several implementation cycles. ▪ EDI/IDoc programming ▪ Various programming MM
Team members	18
Period	09/2006 – 06/2011
Role	Consulting, Development

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Project	Incoming invoice verification, UBS Frankfurt
Modules (R/3)	SAP ArchiveLink – GuiXT
Task and responsibilities	<ul style="list-style-type: none">• Upgrade R/3 Enterprise GuiXT-Scripting for Integration Archivsystem
Period	08/2006
Role	Consulting, Development

Project	Approval workflow on vendor master data changes, LBS
Modules (R/3)	MM-MD
Task and responsibilities	Development of an approval workflow for changes on vendor master data using the SAP Standard behaviour (4-eyes-principle)
Period	in 2006
Role	Consulting, Development

Project	Incoming invoice verification workflow, UCB Schwarz Pharma AG
Modules (R/3)	BC-BMT Workflow, FI
Task and responsibilities	Upgrade project
Period	in 2006
Role	Consulting, Development

Project	ArchiveLink-Migration
Modules (R/3)	BC (ArchiveLink)
Task and responsibilities	<ul style="list-style-type: none">• Migration project.• Development of ArchiveLink extensions to connect a non-ArchiveLink-compatible archiving system to SAP R/3 using various ABAP/4 programming techniques.• Complexity: medium/high
Role	Consulting, development

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Project	SD Integration/Harmonisierung, Logistic speedup BAYER Healthcare AG, Leverkusen
Modules (R/3)	SD/MM, BC (EDI/ALE-Extensions)
Task and responsibilities	<ul style="list-style-type: none"> • Integration and harmonization project. <p>Modules: SD/MM, BC(EDI/Idoc-enhancements/exits) (mainly)</p> <ul style="list-style-type: none"> - Programming of User-Exits, Business-Add-Ins (SD) - Interactive programming with ABAP ListViewer (using ABAP Objects) - Workflow solution for posting automatic goods movements (MM/SD) - IDoc enhancements/exit programming. <ul style="list-style-type: none"> • Complexity: medium/high
Period	06/2005 – 12/2005
Role	Consulting, development

Project	Validation of approval process, UCB Schwarz Pharma AG
Modules (R/3)	FI/MM, Workflow
Task and responsibilities	<ul style="list-style-type: none"> • Validation of the approvals within the SAP Workflow against customer specific table landscape and master data. Preparation steps to display the results in a specific status monitor, as well embedding the results in the validation rules of FI (header) and MM invoice verification documents using Business Add-Ins to avoid unintended postings. <ul style="list-style-type: none"> • Complexity: high
Period	04/2005
Role	Development

Project	Data archiving & Invoice approval, TÜV Rheinland, Cologne
Modules (R/3)	FI, CO, BC-ARL
Task and responsibilities	<ul style="list-style-type: none"> • Technical project management for implementation of data archiving processes. • Quality assurance and technical assistance for the implementation of an invoice approval workflow with various external systems involved. <ul style="list-style-type: none"> • Complexity: Average to high
Period	08/2004
Role	Consultant, project management

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Project	SD Variant configuration, availability check, BAYER Business Services GmbH
Modules (R/3)	SD, PP, MM
Task and responsibilities	<ul style="list-style-type: none"> • International project to harmonize and migrate related business areas into one R/3 system. • Programmings in SD/PP/MM: Availability Check, Variant configuration, MRP, user-exits, Business-Add-Ins, Handling Units • Complexity: Medium to very high.
Period	08/2004-03/2005
Role	Development

Project	fastApproval, chemetall GmbH, Frankfurt
Modules (R/3)	FI, MM
Tasks and responsibilities	<ul style="list-style-type: none"> • Consulting and development of the approval of incoming documents with SAP Business Workflow and SAP ArchiveLink. Automation of background invoice processing and verification with complete document routing and customizing of this. • Automatic extraction of document values and fill-out in the creation transaction. • Complexity: Moderate to High
Period	05/2004 – 08/2004
Role	Consulting and Development, project management

Project	Invoice Master Scan, UCB Schwarz Pharma AG, Monheim
Modules (R/3)	FI, MM
Tasks and responsibilities	<ul style="list-style-type: none"> • Consulting and development of the approval of incoming documents with SAP Business Workflow and SAP ArchiveLink. Flexible ad-hoc approvals. • Automatic extraction of document values and fill-out in the creation transaction. • Implementation of a Workflow-Interface to LotusNotes(r). • Complexity: Moderate
Period	03/2006 – 08/2003
Role	Consulting and Development

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Project	Workflow for incoming invoice verification, INSTA Elektro GmbH
Modules (R/3)	FI, MM
Tasks and responsibilities	<ul style="list-style-type: none"> • Consulting and development for a SAP Business Workflow implementation on Incoming Invoices with various approval paths and ad-hoc processing. <ul style="list-style-type: none"> • Includes accounting stamp and invoice log reporting • Complexity: Moderate
Period	06/2003
Role	Consulting and Development

Project	Invoice approval, Sparkassen-Informatik, Münster
Modules (R/3)	FI, MM
Tasks and responsibilities	<ul style="list-style-type: none"> • Consulting and development of the approval of incoming documents with SAP Business Workflow (Ascent capture / KGS Connector). Very flexible design for ad-hoc approval • Automatic extraction of document values and fill-out in the creation transaction. • Implementation of a Workflow-Interface to LotusNotes(r). • Complexity: Moderate
Period	12/2003 – 01/2004
Role	Consulting and Development

Project	SD Credit Memo Approval, BAYER AG
Modules (R/3)	SD
Tasks and responsibilities	<ul style="list-style-type: none"> • Consulting and development of the approval of various SD documents, such as credit memo • SD Reporting and Dialog programming • Complexity: Moderate
Period	09/2002 – 08/2003
Role	Consulting and Development

Project	Training BC615
Modules (R/3)	BC ArchiveLink, SAP Business Workflow
Tasks and responsibilities	<ul style="list-style-type: none"> • Perform training course, oriented at BC-615, SAP ArchiveLink
Role	Trainer

Project	Training BC660
Modules (R/3)	Across modules
Tasks and responsibilities	<ul style="list-style-type: none"> • Perform training course of BC660 (Data archiving)
Role	Trainer

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Project	Data Archiving Henkel Ecolab, Düsseldorf
Modules (R/3)	FI, MM, SD, CO, custom modules
Tasks and responsibilities	<ul style="list-style-type: none">• Consulting and planning of a cross application data archiving process• Harmonization of data archiving activities between the applications• Staffing of project consultants• Performing and go-live of data archiving• Archiving of customer table landscape related to SD• Configuration of SAP Archiv-Infosystems
Role	Project management, consulting, implementation