

Curriculum Vitae Andreas Neumann

Personal Data

Name Andreas Neumann
 Year of birth 1961
 Education Mechanical engineer
 Degree PhD (Dr.-Ing.)
 First language German
 Foreign language Englisch
 IT experience since 1986, SAP/ABAP since 1995, FI-CA since 2005, Convergent Invoicing (BRIM, Hybris Billing) since 2007
 Main focus SAP Development

- Solution architect, concept and design
- Convergent Invoicing (BRIM, Hybris Billing)
- Print Workbench, Output-Management
- ABAP Objects, ABAP/4

Experience in Industrial Sectors

	Hybris Billing (CI / BRIM)	FI-CA	Print Workbench, Output Management	ABAP Objects, ABAP/4
Energy Supplier	5	1	13	14
Transportation	3	1		1
Telecommunication	1	3		2
E-Commerce	2	1	1	2
Finance	1			
Others				3
All Industrial Sectors	12	6	14	22

Number of user-/scenario acceptance tests in FI-CA and BRIM at SAP: 7

International Experience



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Projects

01/2017 – 06/2017

Business-Travel-Management / Credit Card Accounting, Neu-Isenburg (Germany)

Project

POC (proof of concept) credit card accounting and authorization using SAP Hybris Billing und SAP Convergent Charging, connection to Microsoft Dynamics CRM

Technology

SAP Hybris Billing (Convergent Invoicing, CI), SAP Convergent Charging (CC), web services, S/4 HANA, SCRUM

05/2015 – 12/2016

Shipping company, Hamburg (Germany) / Sao Paulo (Brazil)

Project

Implementation of O2C processes (freight billing, demurrage and detention etc.) in more than 40 countries using SAP Convergent Invoicing und FI-CA.

Technology

Convergent Invoicing, FI-CA

04/2015

Energy supply group, Innsbruck (Austria)

Project

Relaunch invoice forms, flexible form framework

Technology

ABAP Objects, Print Workbench

02/2015

SAP AG Walldorf (Germany)

Project

O2C/BRIM Scenario Acceptance Test: Usage of multiple SAP Convergent Charging systems for one FI-CA- and one CRM system

08/2014 – 10/2014

Transportation Company, Shenzhen (China)

Project

Design and implementation of billing and invoicing processes
Convergent Invoicing, integration of Funds Management in FI-CAx

Topics

07/2014

Energy supply group, Essen (Germany)

Project

Design of Billing and Invoicing Process for migration of external data into SAP FI-CA system

Topics

Convergent Invoicing

01/2014 – 11/2014

SAP AG Walldorf (Germany)

Project

Localization of Convergent Invoicing (CI) functions to comply with legal and business requirements of a transportation company in 20+ countries.

Topics

Convergent Invoicing, SAF-T Tax Reporting

10/2013 – 12/2013

Energy supply group, Essen (Germany)

Project

Forms

- Detailed design for SEPA related requirements

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- Detailed design for Reverse Charge related requirements Convergent Invoicing (CI)
- Detailed design for Reverse Charge related requirements in billing and invoicing

04/2013 – 09/2013**Energy supply group, Essen (Germany)**

Project

Convergent Invoicing (CI)

- Data migration using CI
- SEPA (Single Euro Payments Area) functionality
- Mandates and form print in several SEPA-phases
- Invoice form print
- Detailed design for different scenarios

02/2013**SAP AG Walldorf (Germany)**

Project

Participation XBilling Acceptance Test [EhP8 for ERP 6.0]

- B2B scenarios using Master Agreements
- SEPA functionality

06/2012 + 11/2012**SAP AG Walldorf (Germany)**

Project

Participation at XBilling Acceptance and Scenario Integration Test [EhP7 for ERP 6.0, Convergent Charging (CC), Consumption Items (CITs), Billable Items (BITs) and Convergent Invoicing (CI)]

- B2B scenarios using Master Agreements
- B2B scenarios using Partner Settlement

07/2012 – 10/2012**Fashion Distribution / Online Shop, Berlin (Germany)**

Project

Implementation of FI-CA

- Detailed design
- Customizing FI-CA
- Interfaces to external systems

04/2012 – 11/2012**Energy supply group, Hagen (Germany)**

Project

Price adjustments campaigns

- Detailed design and implementation
 - Integration into IS-U contract using customer exits
- ABAP Objects, ABAP/4, ABAP Dictionary

Technology

04/2012**Telecommunications company, Tirana (Albania)**

Project

Merging of mobile services department into existing FI-CA system

- Master data interface for migration and day-to-day business

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- 04/2012 – 03/2013 Energy supply group, Essen (Germany)**
- Project License fee calculation
- Scenarios for BIT Billing and Convergent Invoicing (CI)
 - Integration into existing FI-CA environment
 - Flexible invoice form print
- 10/2011 – 03/2012 Energy supply group, Essen (Germany)**
- Project Archiving of EDIFACT messages
- Business blueprint (BBP)
 - Consideration of different systems
- Project IS-U client template
- Business blueprint (BBP)
 - Consideration of peripheral systems
- 10/2011 – 02/2012 Energy supply group, Berlin (Germany)**
- Project Extensions and error corrections in applications forms and programs
- Technology ABAP Objects, ABAP/4, ABAP Dictionary, SAPscript, Smart Forms
- 10/2011 Energy supply group, Hagen (Germany)**
- Project Customer extensions to OMS4SAP
- Detailed design and implementation
- Technology ABAP Objects, ABAP/4, ABAP Dictionary, SAPscript
- 09/2011 SAP AG Walldorf (Germany)**
- Project BIT billing and Convergent Invoicing prototype Easy123 for telecommunication companies
- Conceptual (re-)design (business cases, processes, grouping and aggregation)
 - Implementation (BIT Classes, process customizing)
 - Test of several business cases
 - Handover to SAP RDS (Rapid Deployment Solutions)
- 08/2011 – 03/2012 Publishing company group, Augsburg (Germany)**
- Project Customer extensions to OMS4SAP
- Special modules for retail industry
- Technology ABAP Objects, ABAP/4, ABAP Dictionary, SAPscript
- 04/2011 – 09/2011 Energy supply group, Essen (Germany)**
- Project Excess/shortfall billing for gas and electricity using SAP Convergent Invoicing (CI)
- Business blueprint
 - Solution architect for interfaces to external systems
 - Configuration and customizing

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- | | |
|--------------------------|---|
| Technology | <ul style="list-style-type: none"> • Functional specs for developers <p>SAP Convergent Invoicing (CI)</p> <ul style="list-style-type: none"> • FI-CA Billing, BIT classes, billing processes • FI-CA invoicing, invoicing processes <p>Customer development</p> <ul style="list-style-type: none"> • Customer includes and event function modules for extension of SAP standard |
| 02/2011 | SAP AG Walldorf (Germany) |
| Project | <p>Participation at XBilling Acceptance and Scenario Integration Test (EhP6 for ERP 6.0, Convergent Charging (CC), BIT Billing and Convergent Invoicing (CI))</p> <ul style="list-style-type: none"> • Processing test cases in Convergent Charging, BIT Billing and convergent invoicing • Master data synchronization between ERP and CC • Archiving of master data (Prepaid Accounts) • Prepaid scenarios using Prepaid Accounts |
| 12/2010 – 03/2011 | Energy supply group, Essen (Germany) |
| Project | <p>Billing and Invoicing for online shops using SAP Convergent Invoicing (CI)</p> <ul style="list-style-type: none"> • Business blueprint • Solution architect for interfaces to external systems • Configuration and customizing • Functional specs for developers |
| Technology | <p>SAP Convergent Invoicing (CI)</p> <ul style="list-style-type: none"> • FI-CA Billing, BIT classes, billing processes • FI-CA invoicing, invoicing processes, payment methods <p>Customer development</p> <ul style="list-style-type: none"> • Generic interface for external systems • Customer includes and event function modules for extension of SAP standard |
| 01/2010 | SAP AG Walldorf (Germany) |
| Project | <p>Participation at XBilling Acceptance Test (EhP5 for ERP 6.0, BIT Billing and Convergent Invoicing (CI))</p> <ul style="list-style-type: none"> • Processing test cases in BIT Billing and Convergent Invoicing • Customizing in BIT Billing • Loading of BITs / Executing and Monitoring of Billing • US telco tax, archiving using several archiving strategies |

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11/2009 – 12/2010 SAP AG Walldorf (Germany)

Project

BIT billing and Convergent Invoicing prototype Easy123 for telecommunication companies

- Conceptual design (business cases, processes, grouping and aggregation)
- Implementation (BIT Classes, process customizing, program enhancements)
- Test of several business cases

08/2009 – 12/2010 Energy supply group, Berlin (Germany)

Project

Merging of two IS-U systems into one (private customers)

- Solution architect for redesign of output-management framework using ABAP Objects
- Integration into the SAP standard
- Forms by print workbench
- Modules billing, contract accounting (FI-CA), customer service, device management
- Coordination with external print software (PReS)

Technology

ABAP Objects, ABAP/4, ABAP Dictionary, SAPscript

06/2009 – 10/2009 Energy supply group, Halle (Germany)

Project

Separation of one IS-U system into two (grid operator and energy supplier)

- Communication between the two systems
- Communication with external companies
- Data exchange with PDAs for field service

Technology

ABAP Objects, RFC, IDE

05/2009 SAP AG Walldorf (Germany)

Project

Participation at Acceptance Test for EhP5 (BIT billing and convergent invoicing)

- Introduction into the module by the BIT development team
- Processing test cases in BIT billing
- Customizing in BIT billing
- Loading of BITs / Executing and Monitoring of Billing
- Technical analysis of BIT development and mass activities

02/2009 – 06/2009 Telecommunications company, Lisbon (Portugal)

Project

Merging of the billing systems of four companies into one IS-T system

- Interfaces to several external systems
- High volume printing
- Extension of standard functionalities

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Technology ABAP, FI-CA Events, ALE

07/2008 – 07/2009 Energy supply group, Berlin (Germany)

Project Merging of two IS-U systems into one (business customers)

- Forms by print workbench
- Redesign of invoice form: Output control by flexible customizing configuration.
- Modules billing, contract accounts (FI-CA), customer service
- Coordination with external print software (OMS-ReportWriter)
- Reporting

Technology ABAP/4, ABAP Objects, ABAP Dictionary, SAPscript, OMS-Spooler, OMS-ReportWriter

11/2007 – 06/2008 Digital music distribution, Cupertino (USA)

Project Rearchitecture of the FI-CA back-end system for an online digital media store

- Conceptual and detailed design
- Solution architect for interfaces to external systems
- Configuration and customizing
- Functional specs for (offshore) developers
- Testing

Technology EDR (Event Detail Records)

- EDR management
- Database structures
- Customizing

FI-CA Billing

- Billing processes
- Rate determination
- Customer includes
- Events in mass activities

FI-CA Invoicing

- Customer includes
- Events in mass activities

Interface for loading EDRs from online digital media store

- ABAP Objects
- UML

09/2006 – 12/2007 Consulting company/software vendor, Oldenburg (Germany)

Project IDE monitoring, extensible monitoring with flexible filterdefinition, display of up-to-date results and alerting via email

- Design and development: workflow, architecture (classes, interfaces, data model), user interface

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Project easy+, automatized data exchange between easy+ and partner systems

- Development of Converterclasses for message processing
- Testcases for unit test (ABAP Objects Unit)
- Concept
- Documentation

Technology SAP NetWeaver Exchange Infrastructure (SAP XI), EDIFACT, ABAP Objects

03/2006 – 07/2006 Telecommunications company, Rome (Italy)

Project IS-T, document reclassification of associated companies

- Downgrade of VBUND-functionality from SAP-release ERP-2005 to release 6.20
- Adaptations and extensions to fit customer's requirements

Project Performance Assurance

- Code-review of all customer developments and modifications
- Development of a triggertable mechanism to improve the performance of RM-CA/FI-CA mass-activities

Technology ABAP/4, ABAP Objects, ABAP Dictionary

01/2006 – 06/2006 Energy supply group, Essen (Germany)

Project IS-U, Forms by print workbench

- Further development of existing forms
- Modules billing, contract accounts (FI-CA)
- Coordination with external print software (StreamServe)
- Design and Development of a forms-preview in SAP-, Macro4- and StreamServe-context
- Compilation of customer requirement specifications

Technology ABAP/4, ABAP Objects, SAPscript

10/2005 – 02/2006 Telecommunications company, Rome (Italy)

Project IS-T, mass-activities RM-CA/FI-CA, Clarification Controller (CFC)

- Process design
- Design of mass-activities, enhancement of SAP standard transactions
- Development of prototypes
- Guidelines for developers
- Support of developers
- Activity plans for developers

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Technology ABAP/4, ABAP Dictionary

01/2005 – 07/2005 OMS company, Heimsheim (Germany)

Project SAP – Product development: Development of OMS4SAP, a cross-module solution for individual single and high volume printing. Preview function via Java-Connector (JCo)

- Idea of product
- Concept and design
- Development
- Test
- Documentation
- Implementation in customer systems

Technology ABAP/4, ABAP Objects, ABAP Dictionary, RFC, Java, JCo, OMS-Spooler

03/2002 – 12/2004 Energy supply group, Berlin (Germany)

Project IS-U development and form design

- Forms by print workbench
- Modules billing, contract accounts (FI-CA), device management, customer service
- Coordination with external print software (Adobe Present (formerly JetForm))
- Formdesign by Adobe Output Designer
- CIC – integrated free correspondence with MS-Word via SAP-Desktop-Office-Integration
- Development of reports using SAP List Viewer (ALV)

Technology ABAP/4, ABAP Objects, ABAP Dictionary, SAPscript, Desktop-Office-Intergation, RFC, JetForm, OMS-Spooler, OMS-ReportWriter, Ruby

05/2002 – 10/2002 Energy supply group, Augsburg (Germany)

Project IS-U development and form design

- Coaching print workbench
- Design of outputmanagement environment

Technology ABAP/4, ABAP Dictionary

02/2002 – 03/2002 Energy supply group, Wiesbaden (Germany)

Project IS-U development and form design

- Coordination with external print software (JetForm)

Technology ABAP/4, ABAP Dictionary

08/2001 – 01/2002 Energy supply group, Erfurt, Jena (Germany)

Project IS-U development and form design

- Analysis, design, coordination and form development by print workbench

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- Modules billing, contract account (FI-CA), device management, customer service
 - Coordination with external print software (StreamServe)
 - Development of ABAP reports
 - Development of customer-exits to extend standard SAP-transactions, extensions of database tables
- Technology ABAP/4, ABAP Dictionary

02/2001 – 07/2001 Energy supply group, Frankfurt/Oder (Germany)

- Project IS-U development and form design
- Development of ABAP reports
 - Form development by print workbench
 - Coordination with external print software (JetForm)
 - Development of a CIC – integrated free correspondence modul
 - Development of customer-exits to extend standard SAP-transactions, extensions of database tables
- Technology ABAP/4, ABAP Objects, ABAP Dictionary

10/2000 – 01/2001 Energy supply group, Köln (Germany)

- Project Introduction of an output-management-software
- Projectleader for introduction of output-management-software in IS-U
 - Projectleader for form design and development in contract-accounting (FI-CA), device management, customer service, sales and billing (about 80 forms)
 - ABAP development and form design
 - Adaption of the standard software SDC Report to CE-archive system (now called Ceyoniq)
 - Development of a SAP-integrated preview-module using MS-Word via desktop-office-integration
 - Planning and processing of certifications
- Technology ABAP/4, ABAP Objects, ABAP Dictionary, Desktop-Office-Integration, RFC

01/2000 – 09/2000 Software vendor, Berlin (Germany)

- Project SAP – Productdevelopment: Development of standardsoftware SDC Report
- Design and prototypes
 - Development of dynpros and RFC-enabled function modules, interface-programming
 - Documentation and white papers
 - Quality assurance of the product SDC Report (release 2.0B)
 - Organisation of transport requests for different customer systems

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Technology ABAP/4, ABAP Dictionary, RFC

02/1996 – 12/1999 Machine-and plant-engineering, Berlin, Nordrhein-Westfalen, Thüringen (Germany)

Project SAP – development and consulting

- SAP-R/2-development production planning and control (bills of material, planning of material requirements, stock issue, production orders)
- Customer training in production planning and control (SAP-R/2)
- Consulting in production planning and control (SAP-R/2)
- SAP-R/2-Batch-Input-Development
- Release-upgrade in SAP-R/2
- Adaption of SAP-R/2-Programs to SAP-R/3

Technology ABAP/4, ABAP Dictionary

Others Open-Source Java-Project

Project Open-Source Java-Project „Voxximate“ for flow-simulation

- Concept
- Objectoriented design
- Development

Technology Java, JDBC, MySQL

IT-Experience and Applications

Standard-Software SAP R/3 modules IS-U, IS-T, MM, PP, SAP R/2 modules RM-Mat, RM-PPS, RK

Output-Management Adobe Present, SDC Report, ProfiForms OMS

Software-Development Microsoft Visio, Xcode

PC-Applications Microsoft Office (Word, Excel, PowerPoint, Access, Outlook)

Programming-languages ABAP/4, ABAP Objects, Objective-C, Java, Fortran

Database-systems ABAP Dictionary, MySQL

Operating systems Microsoft Windows, Linux, Unix, SAP-basis, Mac OS X

Certificates & Courses

03/2002 Object-oriented Analysis and Design in UML (Oracle)

12/2002 NET200: SAP Web Application Server: Development of Web-applications (BSP)

2000 – 2001 Courses for Human factors:

- Methods for lecture and presentation
- Methods for conversation and negotiation

Project manager Course

- Leading and education of project teams
- Conflict management
- Quality and project management
- Conversation and negotiation

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05/1999 BC415: Interface technologies (RFC)
04/1999 CA926: BAPI-Programming in Java

Contact

Address Andreas Neumann
Räuschstraße 65
13509 Berlin
GERMANY

Phone +49(0)178 435 25 49
E-Mail neumann@drian-consulting.de