

Employment Experience ABAP Specific for IS-U Module

June.2019-Oct.2019 Freelance SWM Munich (Germany)

Position: SAP IS-U Developer
SAP Release: SAP 6.18 & ECC 6.00
SAP Modules: IS-U
SAP Tools: ABAP ABAP-OO, ADT Eclipse IDE, CDS
Version: ADT Eclipse IDE Version: 2018-09 (4.9.0)
Version: CDS 2.50
IS-UT 6.18
Project: Dunkeldruck Munich (Germany)

ABAP Developer & Support SAP Forms PWB (Print Work Bench) for SWM. Using CDS Tools (CDS View using Association) selected data From SAP IS-U and transfer into M-TEXT via MS-Connector.

Task Included

- Create CDS View ZC Basis Reading from SAP Tables
- Create CDS View ZC Basis Association View link Between ZC Basis View
- Create CDS View ZI Consumer View Selected Field from ZC Basis Association Views.
- Creation ABAP-OO Classes collected SAP Data using ZI Consumer View and filling SAP Structure to be transfer into M-TEXT via MS-Connector.
Creation UnitTest for SAP Classes.

June.2018-June.2019 Freelance E.ON/ Wipro/E.ON/Hamburg (Germany)

Position: SAP Support IS-U SAP Billing
SAP Release: SAP 6.18 & ECC 6.00
SAP Modules: IS-U / CRM Billing
SAP Tools: ABAP ABAP-OO
IS-UT 6.18
Project: AS4B/ Wipro / E.ON/Hamburg (Germany)

ABAP Developer & Support E.ON Billing, Tariff classification & Invoicing for E.ON. solve ticket related to FI-CA, WIM, Feeding Market, eComplaint, INVOIC, IDOC, PDOC, MOS Billing MALO/ MELO, REMDV Gas & Electricity, Common Layer, BPEM

Training:

Programming – Programming Billing
INVOIC & Monitoring - Cockpit_REMADV
INVOIC & Monitoring - eComplaint
INVOIC & Monitoring – INVOIC, IDOC
MOS Billing – Metering Operator Services
Billing General - Billing & Fact Processes Total
Billing Profiles & Meter Readings - RLM, Profiles, EDM Precalculation
Products - Feed-in Price Regulation,
Products - SLP & RLM Prices /PET (Product Engineering Tool)

August.2016-Jul.2017 Freelance Delaware Consulting/ Nethys/Liege/(Belgium)

Position: ABAP/Tester IS-U SAP
SAP Release: SAP 6.05 & ECC 6.0
SAP Modules: IS-U
SAP Tools: ABAP ABAP-OO, ATRIAS; SPROXY, BOR, ALV, BPEM, MIG6, WEBSERVICE, IDEX, IDOC, EVENTS, User-Exit.
IS-UT 6.05
Project: ATRIAS/ Delaware/ Nethys/Liege/Seraing (Belgium)

ABAP Developer & Testing ATRIAS SPROXY / MIG6 / BPEM Incoming and Outgoing Messaging. Participate in a SAP Implementations.

BOR:

Copy/Create BOR Object Attribute
Copy/Create BOR Object Method

PROXY:

Copy / Creation / Change PROXY Messages Using Transaction SPROXY.
Test PROXY Messages Using Transaction SPROXY.

ABAP:

Create ABAP/ABAP-OO Reports Lock & Unlock AUFNR (Order Number) & EQU NR (Equipment Number).
Create ABAP/ABAP-OO ALV Reports Prepare HR Data and using performance via ABAP Mass Process.
Create ABAP/ABAP-OO ALV AMR Aggregation GAZ & Electricity Report.
Create ABAP/ABAP-OO ALV AMR Messaging GAZ & Electricity Report.
Create ABAP/ABAP-OO ALV AMR Quantity GAZ & Electricity Report.
Create ABAP/ABAP-OO ALV Transport Status and which System has transported.

USER-EXIT:

ZXBREUVU01, ZXCEEDMUIU03, ZXELXU06, ZXELXU07, ZXELXU11, ZXELXU18 & ZXES30U07.

Functional Module:

Update SAP & Customer Table using Dynamic Table names and Data.

March.2015-July.2016 Freelance Wipro/Xoserve/National Grid, Solihull (UK)

Position: ABAP/Data Emigall/LSMW Data Migration IS-U SAP
SAP Release: SAP 6.17 & ECC 6.0
SAP Modules: IS-U
SAP Tools: ABAP, ABAP-OO, ALV, EVENTS, User-Exit, Emigall, LSMW, Data Migration.
IS-UT 6.17
Project: Wipro/Xoserve/National Grid, Solihull (UK)

ABAP Developer & Emigall/LSMW Data Migration Specialist. Participate in a very large SAP Implementations contains more than 25 Million Business Partner /Account 25 Million Installations, 120 Million POD, 280 Million Meter Read & 75 Million EBF Document Records, using SAP Transaction EMIGMASSRUN (Mass Import Monitor: IS Migration). Create Emigall Customer Object Switch Document include Create Switch Activity, Message Data, IDOC & Workflow trigger.

EMIGALL Objects:

ACCOUNT	Create contract account
ACCOUNTCHA	Change Contract Account
BILLDOC	Create billing document
BILLDOCEBF	Create EBF Billing Documents
CONNOBJ	Create connection object
DEVICE	Create Device/Equipment
DEVICEMOD	Modify Device
DEVINFOREC	Create device info record
DEVINFOREM	Migration: Modify PODSERVICE Begin/Start Date
DEVLOC	Create device location
DOCUMENT	Create FI-CA document (only open items)
FACTS	Create individual facts for utility installation
FACTSCHG	Change individual facts for utility installation
FUNCLOCCHA	Change Functional Location
GRID	Create grid
INSTLN	Create Utility Installation
INSTLNCHA	Change Utility Installation
INST_MGMT	Device installation/removal/replacement (install. mgt.)
METERREAD	Create Meter Reading
METERREADE	Migration: Modify PODSERVICE Begin/Start Date
MOVE_IN	Create move-in/utility contract
MOVE_IN_H	Create Historical Utility Contract
MOVE_OUT	Create Move-Out for Contract
PARTNER	Create: Business Partner
PARTNERCHA	Change Business Partner
PART_REL	Create business partner relationship
PAYMENT	Create: payment on open items
POD	Point of Delivery
PODCHANGE	Change Point of Delivery
PODSERVCHD	Migration: Delete PODSERVICE
PODSERVCHG	Migration: Modify PODSERVICE Begin/Start Date
PODSERVICE	Create point of delivery
PREMISE	Create: Premise
PROFASSIGN	Allocation of Register to EDM Profile
PROFHEAD	Creation of Header Data for EDM Profile
PROF_VALUE	Import Profile Values
REFVALUES	Create: Reference Values
SECURITY	Create: Security Deposit
ZCDNDETAIL	Migration : CDN Details (ZMT_CDN_DETAILS)
ZCSEPDET	Migration : CSEP details (ZMT_CSEP_DETAILS)
ZCSEPEUC	Migration : EUC details for the CSEP (ZMT_CSEP_EUC)
ZCSEPTRANS	Migration : Transportation Details of CSEP
ZDIRHIST	Migration : Zone Master (zbt_gem_dfact)
ZEUCDATA	Migration : EUC band profile details (ZDT_EUC_PROF)
ZEZPOSTCD	Migration : Post Code to EZ and LDZ
ZFSGDATA	Migration : FSG Data (ZBT_FSG_DATA)
ZGEMDFACT	Migration : SAP Rate & Energy factors
ZGEOAREA	Migration : Geographical Area (ZMT_GEOG_AREA)
ZIDOC	Migration : Create IDoc
ZLEGACYINV	Migration : UKLink Invoice Data (ZBT_DB_INVOICE)

ZLOGICALDZ	Migration : Logical LDZ & EXZ for NTS
ZMTRDETAIL	Migration : Post Code to Exit Zone and LDZ
ZPRICUST	Migration : Priority customer enhancement
ZSITEVISIT	Migration : Site Visit Notification
ZSMEARDATA	Migration : Smear Data - Custom (ZBT_SMEAR_DAT_MO)
ZSWITCH	Migration : Switch Document
ZSWITCHA	Migration : Switch Document Activity
ZSWITCHMD	Migration : Switch Document Message Data
ZSWITCHWF	Migration : Switch Document Workflow
ZSWITCHWOR	Migration : Switch Document
ZWEATHERDT	Migration : Weather Data (ZDT_WEATHER)

ABAP Program: ABAP Reconciliation Program Counting, Summarized Amount & Grouping by Criteria of the Emigall Objects.

ABAP Report Modify 5 Million Records which has to Re-Calculate Customer Fields (Volume & Energy Factors).

July.2014-Oct.2014

Freelance EDF Luminus, Brussels (Belgium)

Position:	ABAP/FI-CA IS-U SAP R/3 Consultant & IS-U Tester
SAP Release:	SAP 6.04 & ECC 6.0
SAP Basis Release:	SAP 7.01
SAP Modules:	IS-U, Billing, FI-CA, FI-CO, FSCM
SAP Sub Modules:	FI-CA, Billing.
HPSC	Openview ServiceCentre
HPQC	Openview QualityCentre
SAP Tools:	ABAP, ABAP-OO, ALV, EVENTS, User-Exit, SPROXY, ESR.
IS-UT	6.04
Project:	EDF Luminus Brussels (Belgium)

ABAP Program: ABAP Conversion VAT program for Belgium Residential Deferred VAT Tax.
 ABAP Conversion Billing Document Programs, after Conversion VAT Program completed, Billing Documents which has not invoiced or Fails invoiced, required adjust the new VAT Tax code.

Z_LTF_EXTRACT_TO_ZAINET Extract from LTF to Zainet Extract BW Tables data into ZAINET System. Interfaces between SAP IS-U BW and Zainet Systems.

Mass Activity: Z_MAP_DATA_FOR_MASS_ACT Mass activity for RET-102: VAT conversion. FIN-031 VAT Deferred conversion.

User-Exit: ISU_SAMPLE_R987 Modification Fix Amount during Change Cycle.
 ISU_SAMPLE_R994 Change BB Amount for Single Items
 ISU_SAMPLE_R976 Amount Change for Budget Billing Items.

Z_ISU_SAMPLE_R431 Event R431: IS-U Invoicing:
Invoicing Unit (Print Document)
Z_FKK_SAMPLE_2511 OPBW: FI-CA OI Extraction into
BW Ausblenden und Füllen von Feldern der Extraktstruktur
Hide and filling of fields of the extract structure
EXIT_SAPLES20_001 ZXES20U01 (IS-U: User-Defined
Checks in Screen Fields)
EXIT_SAPLES20_002 ZXES20U02 (IS-U: User-Defined
Preassignment of Screen Fields)

ABAP Report: Z_BTW_CONTROLE BTW controle

Functional Module: Z_SUBTR_BB_NEW_BBP Subtract invoiced BB from new
BBP --> PAPBBP.
Z_ISU_CHECK_PRODID Check Product ID Check validity
of Product ID while change Rate Type / Operand / Product ID
/ Price ID
Z_ISU_CHECK_PROMID Check Promotion ID while change
Rate Type / Operand / Product ID / Price ID

WF/BOR: ZINSTMRU Installation – MRU Implementation of object
type ZINSTMRU MAC-301 V-Moments

Webservice: Participate modification Webservice Functional Module
Collecting Profile data using Transaction ESR & SPROXY.

Create Invoicing/Billing process test scenario, for creation web click application via
Lodestar data using the following Transaction:

- EL01 - Execute Order Creation.
- EL28 - Single Entry.
- EA00 - Test Billing of a Contract.
- EASIBI - Create Individual Bill.
- EA19 - Create Bill (Individual Creation).
- EA05 - Display and Release Outsortings.
- EA13 - Print/Billing Document Reversal.
- EA20 - Reverse Billing Document.
- EL37 - Reverse Meter Reading Order Creation.

FI

Functional Module: ZFLQ_SAMPLE_ASSIGN_EXIT LQ: Sample for
Assignment Exits Copy from Standard SAP FM
FLQ_SAMPLE_ASSIGN_EXIT (Assignments Exit)
RGGBR000 Exit Routines for Rules

ABAP Report ZCM_FC_COPY - Copy copies a cash forecast in CM to a Z-
table from Table FDSB
(CMF summary records for G/L accounts)
& FDSR (CMF summary records for planning groups) into
new Z* Customer Table and change program
ZCM_FC_ACTUALS - compare these historical cash
forecasts from CM with the actuals that are reported in the
cash flow statement generated via Liquidity Planner module.

ZFIBANKXML – This program reverse factoring process, an XML is received from the bank containing the invoices and credit notes which are to be settled to ING. When uploading the XML in SAP, the existing payment orders are deleted and the open items are updated.

Feb.2014-July.2014 Freelance IBM/NPOWER/RWE, Scarcroft Leeds (UK)

Position: ABAP/FI-CA IS-U SAP R/3 Consultant
SAP Release: SAP 6.5 & ECC 6.0
SAP Basis Release: SAP 7.02
SAP Modules: IS-U
SAP Sub Modules: FI-CA, Billing.
HPSC Openview ServiceCentre
HPQC Openview QualityCentre
SAP Tools: ABAP, ABAP-OO, ALV, SapScript, PWB (Print Workbench), EVENTS, User-Exit.
IS-UT 6.50
Project: Npower/RWE Ltd. Scarcroft Leeds (UK)

PWB /NPU/EBI_RES_BILL Invoice - Bill Form

CRM Change Contract Account payment Type (ZBUSROLE_006 - Customer Services - SVC Role)

FM **ISU_ZQUANTI1** - Valuate Quantity with Price.
/NPU/EBIE_PS_CHECK_BILL - Payment Scheme Check Bill Portion.
/NPU/EBIE_CHECK_PS_ADJUST_R514 - Payment scheme amount Validation.
/NPU/EBIE_PS_PRINT_REQ1_R525 – Customer Specific Field using in Payment Scheme.
ISU_VAL_ZEBILVAL1 - Bill Amount Validation for Electricity
ISU_VAL_ZGBILVAL1 - Bill Amount Validation for Gas

Create Invoicing/Billing following the Security Deposit used in Billing/Invoicing.

Create Invoicing/Billing process test scenario using the following Transaction:

EL01 - Execute Order Creation.
EL28 - Single Entry.
EA00 - Test Billing of a Contract.
EASIBI - Create Individual Bill.
EA19 - Create Bill (Individual Creation).
EA05 - Display and Release Outsortings.
EA13 - Print/Billing Document Reversal.
EA20 - Reverse Billing Document.
EL37 - Reverse Meter Reading Order Creation.
FPL9 - Display Account Balance.
FP05 - Process Payment Lot.
FP45 - Process Payment Order Lot.
FPSEC1 - Create Security Deposit.
FPSEC2 - Change Security Deposit.

ECENV_BP Data environment for business partner.
 EA61PS - Create Payment Scheme.
 EA62PS - Change Payment Scheme.
 E61PSD - Stop Payment Scheme.
 E61PSM - Adjust Payment Schemes Auto.
 EC55E - Move-Out.
 EC58E - Reverse Move-Out.

Using Standard SAP Transaction: CRM_DNO_MONITOR (Transaction Monitor)
 CSI (ABAP Code Inspector)

Create Quick View EABPL (Installments Plan) EVERH (IS-U Contract History)

CRM → Change Contract Account payment Type, debug create Test Scenario as During the Change Payment / Move Out, Payment Scheme has not terminated and Tales EABP/EABPL (Budget Billing Plan/ Sample Lines for Budget Billing Plan) not updated.

Jan.2012-Dec.2012 Freelance Enovos SA Strassen (Luxembourg)

Position: ABAP/Data Migration IS-U SAP R/3 Consultant
SAP Release: SAP 4.6C & ECC 6.0
SAP Modules: IS-U
SAP Sub Modules: FI-CA, Billing.
SAP Tools: ABAP, ABAP-OO, ALV, SapScript, PWB (Print Workbench), EVENTS, User-Exit, Emigall, Data Migration.
IS-UT 6.40
Project: Enovos SA Strassen (Luxembourg)

ABAP Developer & SapScript / PWB (Print Workbench) Support for Items Customers.

EMIGALL Objects:

ACCOUNT	Create contract account
BCONTACT	Create Customer Contact
BCONT_NOTE	Create Customer Contact notes
CONNOBJ	Create: connection object
DEVICE	Create: device/equipment
DEVLOC	Create: device location
FACTS	Create individual facts for utility installation
FACTSECOMI	Create individual facts for utility installation ECOMI
FACTSINPRI	Create individual facts for utility installation INPRI
FUNCLOCCHA	Change Functional Location / Connection Object
INSTLN	Create Utility Installation
INST_MGMT	Device installation/removal/replacement (install. mgt.) Dist.
INST_MGMTS	Device installation/removal/replacement (install. mgt.) Supply
MOVE_IN	Create move-in/utility contract
PARTNER	Create: Business Partner
PARTNERCHA	Change Business Partner
PCONT_NOTE	Create Premise notes
PREMISE	Create: Premise
BBP_INT	Create budget billing plan from IS-U scheduling
BBP_MULT	BB plan for more than one contract (external scheduling)

CONSUMPT	Change period consumption
DEVICE_REM	Device installation/removal/replacement (install. mgt.)
DEVICE_REP	Device installation/removal/replacement (install. mgt.)
DOCUMENT	Create FI-CA document (only open items)
DUNNING	Create dunning items and creditworthiness
INSTLNCHA	Change Utility Installation
INSTPLAN	Create installment plan
LOADPROF	Create: Load Profile for Installation
METERREAD	Create Meter Reading
MOVE_IN	Create Historical Utility Contract
MOVE_IN_H	Create Historical Utility Contract
MOVE_OUT	Create Move-Out for Contract
OBJCLASS	Create Classification Data for Object
PARTNERDEL	Delete BUT020 Change Business Partner
PAYMENT	Create: payment on open items
PROFASSIGN	Allocation of Register to EDM Profile
PROFHEAD	Creation of Header Data for EDM Profile
REFVALUES	Create: Reference Values
SECURITY	Create: Security Deposit
DEVINFOREC	Create device info record

ABAP Report Create Emigall Objects:

Create/Modify ABAP Report Upload Excel Files into Customer Table for Migration.

Create/Modify ABAP Report & Functional Module Collecting Record from Customer Table (Legacy Systems) and convert into Emigall Files.

PWB / SapScript:

ZISU_BILL_ENERGY_LEO FACTURE LEO / LEO Invoice

Web-Service:

ZWS_EDM_EXPORT_PROFILS_XRM	Web service pour export des profils
ZWEB_SERVICES_XRM	Functional Module Extraction of Master data

ABAP Report:

Compare Table ZISUMIGT_INSTLN & ZISUMIGT_DEVICE
 Insert Record into Table TEMKSV
 Batch Input for Transaction VA42
 Update Business Partner PO Box Address
 Update Business Partner City1 Address
 BP Address Communication SAP Report Creation Objects
 BP Address Report Creation Objects
 BP Address SAP Report Creation Objects
 Delete Records Rechnung (Billing Address in BUT021_FS)
 Update Table BUT021_FS Field XDFADU (Indicator: Standard Address Usage)
 Update Table EPREI IS-U Prices Create using Transaction EA89
 Update Field CONSOLIDATOR_ID in Table FKKVKP

BTCI ES64 (Modif. l'objet de connexion VBS/GPL)
 OID Report Creation Objects
 Update Field KTOKL Table FKKVKP
 Update Field LGZUSATZ in Table FKKVKP
 Modify Table ILOA Modify TPLNR (Poste technique)
 OID Report Creation Objects
 Report POD per DEVLOC & INSTALLATION
 Report POD per DEVLOC & INSTALLATION
 Update Table ADRSTRPCD Field HOUSENUM_L with Zero
 Change Connection Object STATUS
 Update Table ETTIFN for Operand PERT-FE-J & PERT-FE-N
 Update Table ETTIFB After Migration
 Update Table ETTIFN After Migration
 Update Table EUIGRID After Migration

Aug.2011-Dec.2011 Freelance Items GmbH Münster (Germany)

Position: **ABAP Developer / Support IS-U SAP R/3 Consultant**
SAP Release: **SAP 4.6C & ECC 6.0**
SAP Modules: **IS-U**
SAP Sub Modules: **FI-CA**
SAP Tools: **ABAP, ABAP-OO, ALV, SapScript, PWB (Print Workbench), EVENTS, User-Exit**
IS-UT **6.40**
Project: **Items Münster (Germany)**

ABAP Developer & SapScript / PWB (Print Workbench) Support for Items Customers.

PWB / SapScript:

/ITEMS/ISU_ABSP	Budget Billing plan changes / info
/ITEMS/ISU_AVIS	Remittance Advice
/ITEMS/ISU_TARIF_MS	Tariff Maintenance / replacement
/ITEMS/ISU_VVER_MS	Supply Contract
ZIS_ENNI_MAHN	Deregulation: IS-U Aggregated reminder
ZIS_ENNI_RECH_CD	IS-U Billing ENNI
ZIS_ENNI_RECH_SBM_CD	Fee Assessment SBM
ZIS_ENNI_RECH_SVK_CD	IS-U Billing SVK
ZIS_SPERRMIT_500	Disconnection Order
ZIS_U_CA_PAYMENT	Remittance Advice
ZIS_U_DUNNING	Dunning
ZIS_WELCOME_ENNI_500_CD	Welcome Letter ENNI
ZISUA_BEW_TK_ABAN	Discount Requirement
ZISUA_DOWN_EXIT_699	Customer Self Card Download
ZISUA_ENAG_TK_RECH	IS-U Billing
ZISUA_EWL_TK_VVMAN	Main form supply contract / Welcome Letter
ZISUA_SWSO_TK_RECH	IS-U Billing

EVENTS:

R994 IS-U BBP: Change Budget Billing Amount for Individual Items.

Feb.2011-Jul.2011 Freelance HEP Zagreb (Croatia)

Position: ABAP IS-U EMIGALL SAP R/3 Consultant
SAP Release: SAP 4.6C & ECC 6.0
SAP Modules: IS-U
SAP Sub Modules: EDM, FI-CA
SAP Tools: ABAP, ABAP-OO, ALV, EMIGALL, IBIP, EVENTS,
 User-Exit
IS-UT 6.04
Project: HEP / ICT King Zagerb (Croatia)

Emigall Data Migration IS-U Team Leader, Responsible for Migration of the ECM (HEP's Supply Company) data Migration from Legacy System into SAP IS-U & CRM Systems.

EMIGALL Objects:

BANK	Create bank address
ADRPSTCODE	Create postal code for postal regional structure
ADRCITY	Create city for postal regional structure
ADRSTREET	Create street for postal regional structure
PARTNER	Create: Business Partner
PARTNERCHA	Change Business Partner
CONNOBJ	Create connection object
ACCOUNT	Create contract account
PREMISE	Create: Premise
INSTLN	Create Utility Installation
INSTLNCHA	Change Utility Installation
FACTS	Create individual facts for utility installation
MOVE_IN	Create move-in/utility contract
DOCUMENT	Create FI-CA document (only open items)
DEVINFOREC	Create device info record
DUNNING	Create dunning items and creditworthiness
INST_MGMT	Device installation/removal/replacement (install. mgt.)
PAYMENT	Create: payment on open items
PODSERVICE	Create point of delivery
SECURITY	Create: Security Deposit
DEVICEMOD	Modify Device
PROFHEAD	Creation of Header Data for EDM Profile
PROFASSIGN	Allocation of Register to EDM Profile
PROPERTY	Create: Owner Assignment
PART_EMPLY	Create: Business Partner as Employee
PART_REL	Create business partner relationship
INSTPLAN	Create installment plan

IBIP OBJECTS:

IBIPEQUI	Change Equipment
IBIPFLOC	Change Functional Location

ABAP Report:

/HEPECM/FICA_REAABR00MABI_INST copy of FICA_REAABR00MABI_INST
change the Selection Screen add VKTYP (Contract Account Category) into Selection-
Screen for selection criteria, using in Mass Billing process EAMABI.

ABAP ENHANCEMENTS:

BP (Business Partner) → Field HOUSE_NUM2 Visual and Modifiable.
CONNOBJ (Connection Object) → Field HOUSE_NUM2 Visual and Modifiable.

EVENTS:

0220 Change Selection Payment Lots Exchange.
0350 FI-CA Dunning - Dunning Activity Sample Module (Empty)
0050 Additional Checks for a General Ledger Item
1121 FI-CA Deferral date control

Feb.2010-Oct.2010 Freelance CX4U Oldenburg (Germany)

Position: ABAP SAP R/3 Consultant
SAP Release: SAP 4.6C & ECC 6.0
SAP Modules: IS-U
SAP Sub Modules: EDM, COREGAS
SAP Tools: ABAP, ABAP-OO, ALV
IS-UT 6.04
Project: SWB / CX4U Bremen (Germany)

ABAP Customer Report which use until now for Electricity Market, Extended to use with the Gas Market.

Create Table & Functional Module using the “MABIS” Table calculation.

Formal/Functional Module Calculate the income Gas Nomination and create the Fahrplan (Drive Plan for using in the Next Day).

Functional Module Calculate the income Gas Nomination and update in the Current Gas Account.

ABAP Report Vendor Clearing List.

ABAP Report BKV List, According to the “MABIS” after the 16th Weeks until end of the month. A Balance List for the previous Month must be sent.

ABAP Report REEDMSETTLPROC_VV2_SYNTN extended.

ABAP Report collects Temperature data from FTP server and saves in customer table for future temperature calculations.

ABAP Report read IDOC Status and displays those which has not successfully process. As next step create Functional Module which can process each IDOC that has selected by the previous report.

ABAP Report (Monopole Sparte Migration) Create new entries in Table EUFASS & ELPASS only for Division (Sparte) ‘03’ Water (Wasser) & ‘05’ Heat (Waerme).

Nov.2009-Feb.2010 **Freelance ENERGY4U Mannheim (Germany)**

Position: **ABAP SAP R/3 Consultant**
SAP Release: **SAP 4.6C & ECC 6.0**
SAP Modules: **IS-U**
SAP Tools: **EMIGALL, BOR, RFC, CRM, PCO-Tools, ABAP, ABAP-OO**
IS-UT **6.04**
Project: **Vattenfall / Energy4u Mannheim (Germany)**

Using Download /PCO/MIGISU4 Emigall Object
Using Upload /PCO/MIGPLUS Emigall Object

Emigall / PCO-Tools Migration IS-U Objects:

LOTFINAL
BCONTACT
DISC_DOC
DISC_ORDER
DISC_ENTER
ACCOUNTSR

ABAP Report transfer TOA01 & BCONT Join records from Source system into target System via RFC and upload via Standard SAP Functional Module ARCHIV_CONNECTION_INSERT into Archive Tables TOA01-TOA03.
Customizing Archive Tables: TOAAR, TOAOM & TOADV.

ABAP Report creates SAP IS-U BCONTACT Object in CRM System, using BTC I SAP Transaction CRMD_ORDER Using PARTNER from Source System via RFC and converts new PARTNER via TEMKSV Table. The results display in Standard SAP Transaction CRM_UI.

ABAP Report creates SAP IS-U BCONTACT Object in CRM System, using BTC I SAP Transaction ECRM_ISU_ACTIVITY_CREATE Using PARTNER from Source System via RFC and convert new PARTNER via TEMKSV Table. The results display in Standard SAP Transaction CRM_UI.

Sep.2009-Oct.2009 **Freelance ENBW Stuttgart (Germany)**

Position: **ABAP SAP R/3 Consultant**
SAP Release: **SAP ECC 6.0**
SAP Modules: **IS-U**
SAP Tools: **EMIGALL, BOR, ABAP, ABAP-OO**
IS-UT **6.00**

ABAP report which create the following SAP IS-U object at once. This Program use the BOR Functional Objects & Their Method or Used the Functional Module which used by the Emigall Tools for each of the IS-U Object.

ADRPSTCODE
ADRCITY

ADRSTREET
CONNOBJ
PREMISE
DEVLOC
PARTNER
ACCOUNT
INSTLN
DEVICE
INST_MGMT (Device Installation)
POD (Point of Delivery)
MOVE_IN

This process allows creating single or multiplying customer (records) by using few parameters (Variable / Fix).

Apr.2008-Nov.2008 Freelance Neo-Technologies SA Renens (Switzerland)

Position: **ABAP SAP R/3 Consultant**
SAP Release: **SAP ECC 6.0**
SAP Modules: **MM, SD, FI, CO, PS, HR, IS-U**
SAP Tools: **ABAP, ABAP-OO SAP-SCRIPT, SMARTFORMS,**
Print Workbench ALV, LSMW, EMIGALL.
IS-UT **6.00**
CRM **CRM 5.0**

ALV Report select Information combination of Standard SAP transaction SR12 (Display City) & SR22 (Display street).

ALV Report Link Information between Table EANL (Installation) EANLH (Installation Time Slice) and EVER (IS-U Contract).

ALV Report Link Information between Table EANL (Installation) EANLH (Installation Time Slice) and ETTIFN (Installation Facts (Normal)).

ALV Report create error list for combination tariftyp & Tarifart existents in Tariftyp from table EANLH (Installation Time Slice) with Table EASTS (Billing data: Installation Structure at Reg. Level) / ETDZ (Technical Data for Installed Register)

ALV Report List dates survey. This list collect the Device Location from SAP Dbase and there Device status, notes and address.

Copy Standard Program REG_LOTCLEAR to Z_REG_LOTCLEAR Remove Devices Flagged for Deletion from Lot

ABAP Report Print Barcode in SapScript of the Co Modules.

Modify Cash-in Interface Program.

SMARTFORMS base on Standard SAP Transaction EA40 (Display Print Document)

Using Transaction EFRM Modify Smartforms/SapScript base on
_BBP_NOTIFICATION use by Transaction EA61/EA62/EA63 (Create/Change/Display BB Plan).

Using Transaction EFRM Modify Smartforms/SapScript base on
ISU_MOVE_OUT_NOTIFICATION use by Transaction EC55/EC56/EC57
(Create/Change/Display Move-Out Doc.).

EMIGALL:

Objects:

BCCONNECT
REFVALUES
ADRCITY
REGRELSHIP

Notes (BCONT_NOTE, NOTE_PARTNER, NOTE_INSTLN, DEVLOC_NOTE,
NOTE_CONNECTION, NOTE_SECURITY, NOTE_ACCOUNT, CONNOBJNOTE,
NOTE, NOTEDELREV)
CONNECTION
CONNCTBRAN

User-Exit base on Transaction EA60 (Print Invoicing Document) dependent on the
SPARTE using only specific SapScript.

CRM

BADI: CRM_ORDER_AUTH_CHECK

Method: CRM_ORDER_ADD_AUTH_CHECK (Additional Authorization Checks)
CRM_ORDER_ALTERN_AUTH_CHECK Alternative Authorization Check

ABAP report: Create Relation Partnership (BP) using Functional Module
CRM_ISA_BUPA_RELSHIP_CREATE

Sep.2004-Nov.2004 Freelance (Accenture/Gasunie) Groningen (NL)

Position: ABAP SAP R/3 Consultant
SAP Release: 4.7
IS-U Release: 4.7.2
SAP Modules: IS-U, MM, PM, FI-CA
SAP Tools: ABAP, Print Workbench ALV.

Project: Gasunie Groningen (The Netherlands)

**Provided SAP consulting services for the creation, development, testing and analysis
of ABAP Interfaces Programs for SAP Module IS-U, CCS (IS-Utility) Version 4.72.**

Provided services using tools including:

ABAP Interfaces Programs:

Modify ABAP Program & Functional Module for Connection Fee Calculation and
Re-calculation for the New Release for year 2005.

Modify ABAP Program & Functional Module for completeness check of successful Calculation and Re-calculation with Ok Status before Billing Process.

Modify IDOC'S Header Segments for Outbound Contract Agreement Header Data (CoBi-T2).

Modify Batch-Input ABAP Interface program for CDSFAC, GASFAC, TREXFAC, VINKGAS en LODESTAR using SAP Transaction F-22 & F-43 in CO/PA and FI.

SapScript, Smartforms & Print Workbench Forms:

Modify SapScript Form "Formulier voor KLIC fax" KLIC Fax Form (EN/NL/DE).

Modify SapScript Form "Afschrijvingsbrief" Quotation Letter (EN/NL/DE).

Jun.2004-Aug.2004 Freelance (ICE) Amsterdam (The Netherlands)

Position: **ABAP SAP R/3 Consultant**

SAP Release: **4.6C**

SAP Modules: **IS-U**

Project: **NUON Amsterdam (The Netherlands) &
NUON Vilvoorde Brussels (Belgium).**

Provided SAP consulting services for the creation, development, testing and analysis of ABAP Interfaces between SAP & Siebel 6.5 & SAP for SAP Module IS-U, CCS (IS-Utility) Version 4.64.

Provided services using tools including:

ABAP Interfaces Programs:

Modify Interface Program, Update Contract Account. Modify Contract Account Customer Structure in Data Dictionary and Change Interface Programs.

Modify Interface Program, Update Contract Account & Move-Out. Modify Contract Account Customer Structure in Data Dictionary and Change Interface Programs related to Penalty Facts for Cancellation of Contract Account.

Modify Interface Program Update Contract Account & Update Expected Yearly Consumption. Modify Business Partner Customer Structure in Data Dictionary and Change Interface Programs related to the Period Consumptions.

Modify Interface Program Update Business Partner & Contract Account. Update Income payment Method. New payment Method Credit Card Update via BAPI. (BAPI_ISUPARTNER_CREATEFROMDATA & BAPI_ISUPARTNER_CHANGE). Modify Business Partner Customer Structure in Data Dictionary and Change Interface Programs related to the Income Payment Method and Credit Card Information.

ABAP Interfaces Programs Credit Card Payments:

Create ABAP Interface Program, The Program “Credit Card Payments Process for Billit”; The Program has two main Processes:

Master data maintenance (Uploading, Maintaining Credit card information)

Billing & Collection process (Invoicing, Collection, Refunding, and Dunning).

The Program Upload File from SAP Transaction FPPCDS for B2B & B2C Customers; for each Record in this File, a new Output Records will create and Save in SAP Customer Tables. This Output Records is for using by the Company Ogone (Credit Card Service).

Create ABAP Interface Program, The Program Selected the Previous Records from the SAP Customer Tables, contains B2B & B2C Customer Records, and Create an Output File to be send to the Company Ogone (Credit Card Service).

Create ABAP Interface Program, This Program Download Return Process File from the Company Ogone (Credit Card Service); this File will be formatted for using SAP Transaction PFB5.

Print Workbench Form:

Create; Modify Print Workbench Form “ISU_IPL_BE” Installment Plan for Belgium. A B2B Print Workbench Form’s Copy to a Print Workbench Form B2C. This Form had modified for the Customer Requirements include Change in SapScript form Texts, User-Exit, Include and ABAP Program of Print Workbench Form.

AR (Account Receivable) Report Enhancements:

Create AR Report base on SAP Transaction FPL9 (Open Item List) & FPO1. This Program selected all the Open Items that aggregated to Contract Account Level’s. The open items are selected and allocated to aging buckets based on the key date given by the user. This program also collects data of the CIC0.

Dec.2003-Jun.2004 Freelance (ESB) (Ireland)

Position: ABAP SAP R/3 Consultant
SAP Release: 4.6C
SAP Modules: IS-U

Project: ESB Dublin (Ireland)

Provided SAP consulting services for the creation, development, testing and analysis of ABAP Programs and LSMW Objects for SAP Module IS-U, CCS (IS-Utility) Version 4.64.

Provided services using tools including:

LSMW/DWMB/EMIGALL IS-U SAP Objects:

**Written Technical Specification, Design, Modification of EMIGALL Objects,
Creation ABAP Loading Programs from Legacy Systems into SAP for IS-U Objects
as:**

POD-Service (Point of Delivery Service).

Register Group

Device Category

Device

MRU (Meter Reading Unit)

Street Route

Postal Code

City

Street

Device Installation

Credit Worthiness

Disconnection

EDM Header & Profile

Street Route

Create Testing Data for the previous IS-U Module Objects:

Using Legacy System data stored in Excel Sheet and Flat Files,
Create IS-U Object that required for creation previous Objects.

Written Technical Specification, Design, Development of Function Module for
SAP – IS-U Object INSTALLATION.

Aug.2003-Sep.2003 Freelance (Accenture) (United-Kingdom)

Position: ABAP SAP R/3 Consultant.

SAP Release: 4.6C.

SAP Modules: IS-U.

Project: British Gas Centrica Chertsey Surry (UK)

**Provided SAP consulting services for the creation, development, testing and analysis
of ABAP Interfaces between QAS, Siebel 6.5 & SAP using IDOC for SAP Module
IS-U, CCS (IS-Utility) Version 4.64.**

Provided services using tools including:

ABAP Interfaces Programs & SAP Functional Module:

Interface Creation of Occupier sends Outbound IDOC with Occupier Business
Partner information to Siebel without the UCRN Unique Customer References
number, for Update information in Siebel. Siebel process this IDOC and send back
Inbound IDOC to SAP with the Siebel Number & UCRN number, this UCRN
number Updated in Relationship Customer Table (Business Partner → UCRN) in
SAP.

Interface Inbound IDOC Address Synchronize Interfaces. Any change Address in
QAS sends to Address Modification and Siebel creates an Inbound IDOC that send to

SAP. Process of this IDOC required update the SAP IS-U Objects (Premise, Connection Objects) and the Regional Structure.

Create SAP IS-U Objects as:

Business Partner, Contract Account, Contract, Installation, Premise, Connection Objects, Move-In & Move-Out.

Create SAP Objects using Standard SAP Transaction YBT create IS-U Objects (Basis Technologies Module Manager)

Modification of IDOC Segments.

Test Inbound & Outbound IDOC's.

Test Coordination with Siebel & QAS

Employment Experience ABAP the INC Group

Nov.1998-Jun.1999 the INC Group, Silver Spring MD

Position: ABAP SAP R/3 Consultant.
SAP Release: 4.5B.
SAP Modules: SD, WM, FI, CO, IS-U (IS-Utility).

Projects: County of Sacramento (Sacramento) Release 4.5B

Provided SAP consulting services for the creation, development, testing and analysis of ABAP reports for a client in (CCS-IS-U) Utilities Tasks included:

Provided services using tools including Batch Programs, Batch-Input, Online-Transaction, Interface-Program, Data-Dictionary, using LSMW (Migration-Tools) and Enhancements.

Customized, developed and tested new SAP programs for Utilities reporting.

Participated in a Conversion Team (Responsible for Migration-Tools) and Interface Team (Enhancements) in preparation for pending Implementation.