

SAP IS-UTILITES COURSE CONTENT

Utilities Industry Overview

- ❖ De-Regulatory Market

Introduction to SAP IS-U

- ❖ Extended R/3 Integration Model & SAP ISU
- ❖ SAP IS Utilities components
- ❖ ISU/CCS Integration Model
- ❖ Relation between R/3 and ISU Components
- ❖ Typical ISU Scenario

Regional Structures

- ❖ Purpose of regional structure
- ❖ Postal Regional structure
- ❖ Political Regional structure
- ❖ Portions & Meter reading Units
- ❖ Scheduling tasks
- ❖ Dependencies of Regional structures

ISU Master data

- ❖ Introduction to Master data
- ❖ Business Master data configuration
 - Business Partner
 - Contract account
 - Contract
 - System configuration in SAP IS-U & R/3
 - Creation of Business master data
- ❖ Technical Master data configuration
 - Connection Object
 - Premise
 - Installation
 - System configuration in SAP IS-U & R/3
 - Creation of Technical master data

Move-in & Move-out configuration

- ❖ Move-in Introduction
- ❖ Move-in Business scenario
- ❖ Move-in Processing
- ❖ Changes to contract data during Move-in
- ❖ Allocation of Contract to installation
- ❖ Installation History
 - Move –out
- ❖ System Configurations @ SAP IS-U
- ❖ Disconnection & reconnection

Device Technology (Device management)

- ❖ Device Category & Device
- ❖ Device management Overview
- ❖ Integration with Logistics
- ❖ Register & Register data
- ❖ Modeling of devices
- ❖ Device Inspection and certification

Installations & Order processing

- ❖ Installation Overview
- ❖ The Installation service process
- ❖ Installation services
- ❖ Service processing
- ❖ Periodic Device replacement
 - Replacement of a meter
 - Reversal of Removal
- ❖ Business scenario: Replacement of sample device
 - Determining the Device location
 - Device Location & data

Overview of Technical Objects

- ❖ Technical installation structure
- ❖ Device History
- ❖ Device life cycle

Meter reading Overview

- ❖ Meter Reading introduction
- ❖ Types of Meter reading
- ❖ Meter Reading Organization(Street route)
- ❖ Creating Meter reading orders
- ❖ Validating Meter reading results
 - Monitoring meter reading results
 - Reversing Meter reading orders

Integration of DM with other modules :

- ❖ Integration with MM module.
- ❖ Integration with PM module.

Billing Master Data, Rate structure, Creation and Execution

- ❖ Billing Class
- ❖ Rate type
- ❖ Rate Category
- ❖ Operands
- ❖ Prices, price categories, Price types
- ❖ Rates, Rate line items
- ❖ Facts
- ❖ Schemas, Working with schemas
- ❖ Rate Determination
- ❖ discounts/Surcharges

Important Billing Functions

- ❖ Billing Tasks
- ❖ Billing periods
- ❖ Special Billing functions
- ❖ Process of Billing
- ❖ Entry of selection
- ❖ Billing & Simulation
- ❖ Document Information
- ❖ Out-sorting (Billing and Invoicing)
- ❖ Billing Reversal Process
- ❖ Manual billing

Invoicing

- ❖ Invoicing Overview
- ❖ Tasks of invoicing
- ❖ Invoicing Processing
- ❖ Budget Billing procedure
- ❖ Payment schemes (Creation and Configuration)
- ❖ Invoicing reversal (Basic settings for Invoicing reversal)
- ❖ Out-sorting (Billing and Invoicing)
- ❖ Lock Reasons for Invoicing
- ❖ Bill Printout
- ❖ Bill form
- ❖ Control Parameters for bill printout
- ❖ Classification criteria of billing line items

SPECIAL TOPICS:

- ❖ INSTALLATION GROUPINGS
- ❖ DPC
- ❖ RTP BILLING

Energy data Management

Profile management

Profile calculation workbench

RTP component

RTP interface creation

Formula profile creation