

Unit 1: Hybris Introduction

- Training Course Introduction
- SAP® Hybris® Commerce Accelerators
- Business Tools
- Overview of Technical Architecture
- Architecture Layers
- Scaled Production Architecture
- Catalog and Media Management
- Hybris Support
- Hybris Online Resources
- Inter-System Communication
- Hybris Internalization
- How to Interact with SAP® Hybris® Support and SAP® Hybris® Professional Services
- Introduction to Release Methodology

Unit 2: Installation

- How to Install SAP® Hybris® Commerce
- Load Balancer (SSL termination)
- Installing Hybris Framework
- Web Server
- App Server
- Hybris Server
- Database
- Externalize Solr Master Slave Standalone Configuration
- Eclipse Integration
- Production Specific App Server Configuration, Dynamic Cleanup Strategy, Useful Monitoring Commands
- External Tomcat Installation

Unit 3: Customer Extension

- Introduction of Hybris Extension
- New/Customer Extension
- Configuration Extension
- Implementation

Unit 4: Build & Deployment

- Introduction to SAP® Hybris® Commerce Build Processes
- Introduction to SAP® Hybris® Commerce Deployment Methods along with Continuous Deployment

Unit 5: Data Modeling with Hybris Type System

- Type System (Data Modeling)
- Collection
- Relation
- Enumeration
- Synchronization item Type

Unit 6: Integration

- Business Process Engine
- RESTful Web Services
- ImpEx
- CronJobs

Unit 7: Performance

- Before Go Live
- Load Testing: Objectives and Project Recommendations
- Apache, Tomcat and SAP® Hybris® Commerce Performance Hints
- Memory, Cache and ImpEx Settings
- Catalog Synchronization

Unit 8: Monitoring & Security

- JMX
- Memory Monitoring
- Database Monitoring
- Build and Deployment
- Clustering and Persistence
- Integration
- Performance
- Monitoring
- System Security
- Backup and Restore
- Analysis
- Hands on Clustering

Unit 9: User Interface

- Introduction to the Accelerator Concept
- Key Features and Technology behind the Hybris Accelerators Mobile
- Introduction to the Business and Administration tools
- Update 6.0: User Interfaces
- Hybris Billing Online Account Management
- Hybris Billing Managing Customer Details
- Hybris Billing Managing Utility Contracts
- Hybris Billing Managing Meter Reading Data
- Hybris Billing Bill Information & Enquiries
- Hybris Billing Managing Payments
- Hybris Billing Electronic Bill Presentment & Payment
- Hybris Billing Alert Management
- Hybris Billing Application for Arrangement Plans
- Hybris Billing Consumption Views
- Hybris Billing Mobile Applications
- Hybris Billing Mobile SMS
- Hybris Billing Applications: Rates Clearance
- Hybris Billing Customer and 3rd Party Collaboration
- Hybris Billing Social Media

- Hybris Billing Connection to External Payment Gateway for Web Based Payments

Unit 10: Convergent Charging

- General Architecture and Functionality of SAP® Convergent Charging
- Define a Simple Pricing Plan in SAP® Convergent Charging
- Set up the Charging Logic in SAP® Convergent Charging
- Define Offers and Contracts in Convergent Charging
 1. Introduction
 2. Core Tool
 3. Service Provider Master
 4. Data Rating Logic Concepts
 5. Data Refill Concepts
 6. Customer Master Data
 7. Charging Outputs
 8. Advanced Exercises
 9. Architecture and Integration
 10. Web Services and Java APIs
 11. Import Export Connector
 12. Batch Acquisition Rating BART
 13. Cross Industry Examples
 14. Order to Cash Solution