

Advanced Available-to-Promise in SAP S/4HANA Training

COURSE CONTENT

GET IN TOUCH



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About Multisoft

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About Course

The Advanced Available-to-Promise (aATP) in SAP S/4HANA training by Multisoft Systems is designed to help professionals master the advanced functionalities that enhance order fulfillment and supply chain efficiency. This course provides a deep understanding of how SAP S/4HANA's aATP engine improves order commitment processes through intelligent automation, real-time visibility, and dynamic allocation.

Module 1: aATP Overview and Business Value

- ✓ What aATP is and where it fits in S/4HANA?
- ✓ Standard ATP vs aATP - key differences
- ✓ aATP use cases - shortage handling, prioritization, smarter confirmations
- ✓ Key aATP components and terminology
- ✓ End-to-end order fulfillment flow with aATP

Module 2: Master Data and Foundation Setup for aATP

- ✓ Organizational elements impacting availability (plant, storage location, shipping point)
- ✓ Material, customer and sales area prerequisites (conceptual)
- ✓ Basic availability check setup (ATP basics refresher)
- ✓ Overview of checking rules, scopes, and key dependencies
- ✓ Common data issues that affect confirmations

Module 3: aATP Product Availability Check and Confirmation Logic

- ✓ Advanced availability checks - behavior and control
- ✓ Confirmation strategies and confirmation creation
- ✓ Working with partial confirmations and confirmations by date/quantity
- ✓ Understanding supply elements (inventory, receipts, planned supply) at a high level
- ✓ Key outputs - how confirmations are produced and interpreted

Module 4: Alternative-Based Confirmation (ABC)

- ✓ ABC concept and when to use it
- ✓ Alternative selection strategies
 - Alternative plant/location confirmation

- Alternative product/material confirmation (where applicable)
- Alternative dates and quantities
- ✓ Configuring and testing ABC scenarios
- ✓ Best practices for customer experience and service levels

Module 5: Product Allocation (PAL)

- ✓ Product Allocation fundamentals and business scenarios
- ✓ Allocation objects and allocation controls (concepts)
- ✓ Allocation by customer, region, channel, priority segments (practical view)
- ✓ Maintaining allocations and consumption behavior
- ✓ Testing allocation impact during order entry and changes
- ✓ Reporting/monitoring allocation consumption

Module 6: Backorder Processing (BOP)

- ✓ BOP purpose - re-prioritizing demand when supply changes
- ✓ BOP strategies - confirm, deconfirm, re-confirm rules
- ✓ Defining segments and prioritization criteria
- ✓ Running BOP - jobs, timing, and operational usage
- ✓ Real-life scenarios
 - Rush/VIP orders prioritization
 - Supply delay and reallocation
 - Fair-share fulfillment
- ✓ BOP result analysis and exception handling

Module 7: Supply and Demand Prioritization Techniques

- ✓ Demand classification and prioritization logic

- ✓ Handling constrained supply situations using aATP tools
- ✓ Service-level driven fulfillment approaches
- ✓ Improving OTIF through smarter confirmations
- ✓ Aligning allocation + BOP + ABC for best outcomes

Module 8: Integration Touchpoints and End-to-End Scenarios

- ✓ How aATP impacts Sales Order processing (O2C)?
- ✓ Interaction with delivery scheduling and fulfillment execution
- ✓ Practical end-to-end scenarios
 - Shortage with alternate plant (ABC)
 - Limited supply with allocation (PAL)
 - Supply update triggering BOP reprioritization
- ✓ Impact analysis on business users and support teams

Module 9: Monitoring, Troubleshooting and Performance Tips

- ✓ Common aATP issues and root-cause approach
- ✓ Where to check confirmations and why they differ?
- ✓ Typical configuration mistakes and how to avoid them
- ✓ Monitoring outcomes - confirmations, allocation consumption, BOP results
- ✓ Practical tips for stable operations and cleaner results