Intershop Commerce Platform – Course Catalog

2025-06-16

Version:

FEEDBACK AND CONTACT INFORMATION:

Please send your comments, questions, or suggestions regarding this manual or the class to techtraining@intershop.de.

COPYRIGHT INFORMATION:

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1 Welcome at Intershop Technical Training

Dear Customers and Partners,
Dear Friends and Employees of Intershop,

A well educated, prepared and experienced staff is one of the most important success factors for software rollout projects. In other words: A high percentage of software implementations fail due to the human factor.
Intershop Technical Training can significantly help you prepare your team for the rollout, maintenance, and efficient usage of Intershop N.

Thomas Richter

MAKE YOUR INTERSHOP IMPLEMENTATION SUCCESSFUL.

A reliable specification is the first important step to a successful implementation.
Therefore you must:

- Clearly define the target system
- Know the software's out-of-the-box functionality
- Derive necessary customization efforts

Intershop Technical Training delivers the proven knowledge and skills for modeling the individual solution and for correct and efficient project estimation.

STREAMLINE YOUR IMPLEMENTATION.

Engineers need comprehensive knowledge of technology in order to efficiently customize and implement the software.
One to two weeks of training provide them with an overview of the whole Intershop application suite as well as advanced knowledge on tools and techniques for installing, customizing, and tuning the system.

REDUCE PROJECT RISK.

A clear understanding of the chosen technology will enable you to avoid non-performing implementation as well as unnecessary or awkward customization.
Professional staff is the key factor to minimize the risk of failing or of setting up an ineffective system.

SHORTEN PROJECT TIME.

Most projects have a demanding schedule. The better the engineers know the system and the corresponding tools and techniques, the faster they can do their jobs.

SECURE YOUR INVESTMENT.

Building up at least basic internal knowledge on the newly implemented system can make your organization independent from some possibly expensive services.

GET MOST VALUE FROM YOUR SYSTEM.

You reduce long-term TCO (total cost of ownership) by using educated system administrators and web designers.

PREPARE THE USERS.

In one and two day training sessions, users learn how to efficiently and correctly deal with the new environment. This will also reduce their fear of the change to another system.

LEARN INTERSHOP FROM INTERSHOP.

Intershop Technical Training offers a wide range of trainings aimed to prepare consultants and engineers for the implementation and maintenance of Intershops E-Business Solutions. Training courses are modularly assembled into tracks to support various members in Intershop project teams as well as maintenance staff and users. This flexible system can easily be adapted to very special demands from customers and partners.
Use the advantages of…

- … receiving high-quality education
- … on most current technology and methodology
- … delivered by experienced trainers,
- … who are part of the software manufacturer itself.

Our trainings are mainly targeted to technical staff. All overview courses and technical introductions are also good for partners, project managers, business consultants and end-users to get an understanding of the Intershop software, how it works and which features and functionalities it delivers.
An up-to-date version of the Intershop Course Catalog you can always find on our public website, which also contains descriptions of older training classes.
For additional information please check our website: www.intershop.com
We are looking forward to seeing you in one of our trainings soon! If you need more information feel free to contact us. All necessary information you will find on the last page of this document.

Thomas Richter
Manager Technical Training   Jena, 2025-06-16

2   The Intershop Training Concept

Intershop offers a complete line of trainings to cover the needs of each team member involved in an Intershop project.

Training Courses

On the following pages you will find descriptions of all currently available courses on Intershop N. They are aimed at the various target groups involved in e - commerce implementation project work as well as at IT Managers and Decision Makers.

Certification

At the end of this course catalog you will find the currently available Intershop Certification exams and all necessary information.

Main Target Groups of Intershop Trainings

Developers...

... in Intershop projects are Java programmers. They are instrumental in the implementation of new and extended functionality.

Web Developers...

... are responsible for the development and design of site "look and feel". They possess extensive knowledge of page design.

System Administrators...

... are responsible for management and control software/hardware infrastructure, are involved in the system maintenance, including user access rights, tuning, performance and security issues.

Technical Consultants...

... are responsible for assisting customers in scoping and specifying the optimum technical architecture.

Project Managers...

... are responsible for the design and implementation of e - commerce projects, devising project plans, including budget and human resource forecasts and requirements.
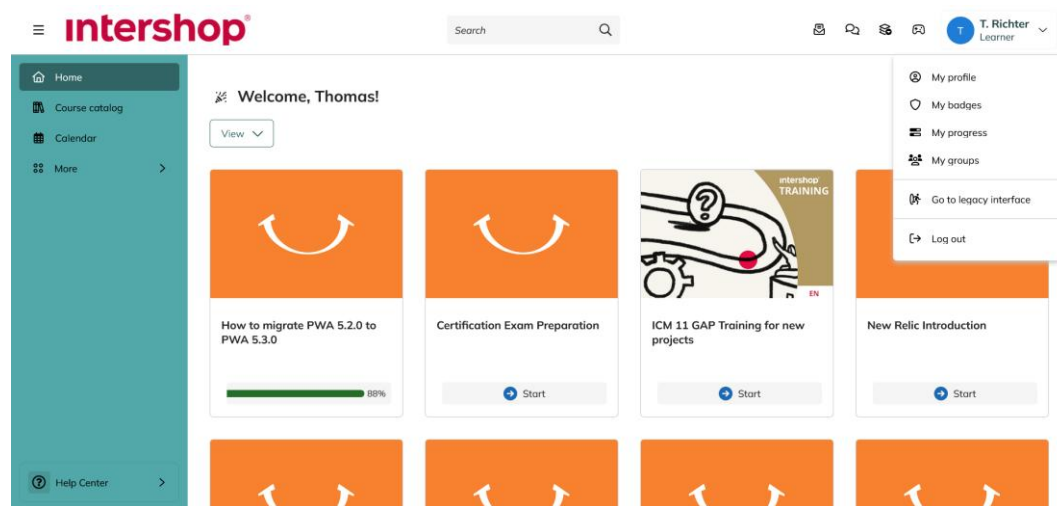
Business Consultants...

... are responsible for defining business models and processes.

3 Online Academy and Pricing Models

ONLINE ACADEMY

Besides the regualar courses (face-to-face and virtual class rooms), Intershop offers access to its Online Academy.

https://public-intershopacademy.talentlms.com/index

You have access to quite a number of training courses, available for your self-paced learning. Learning content is available for a technical and certainly also a non-technical audience.

- How to setup a sales organization and sales channels
- catalog- and product handling
- Promotions, AB Testing
- Development of the PWA (Progressive Web App)
- Various developer courses
- …

TRAINING PRICES

Intershop has different price models to offer. They address your learning demand.

Face-to-face and virtual trainings

Course	Duration	Price per person
ICM – Overview	1 day	800,-€
ICM – Developer	5 days	4.000,-€
ICM – PWA Developer	3 days	2.400,-€

Online Academy
Here we offer free-of-charge courses as well as fee-required courses. Please check the particular training courses.

Subscription Models for the Online Academy
For enterprise customers and customers with a growing training demand, we offer attractive subscription models.

Rendered Service	Price per month (6 month subscription)	Price per month (12 month subscription)
Full access to the online academy for all employees. New courses will be added to the subscription.	900,-€	700,-€

AZURE DEVELOPMENT ENVIRONMENTS

Subscription Models
Since there is a growing demand for development environments and since developers would like to start the development right after a training (or even without training whatsoever), Intershop offers a subscription of a development infra structure. Developers are granted access to a designated system for their tasks. This includes a local database, a local installed ICM, a developer IDE and a local Jenins. Everything you know from the developer training at once.

Subscription	term 6 months Price per month	term 12 months Price per month
Fully flagged developer environment (data base, ICM, Jenkins, iStudio…)	650,-€	500,-€

4   ICM 100 – Overview

DESCRIPTION

This course provides an overview about usual Business Processes within typical e - commerce business scenarios and how they are handled by Intershop Commerce Management as an essential application to transfer them to an online shop. During this course you will be introduced to Intershop Commerce Management Sell-Side Channels, i.e. Consumer Channel, Partner Channel and their respective concepts.

You will gain extensive hands-on experience with the included demo scenario. Furthermore, you will see how you can implement electronic business processes with resellers, partners and customers easily and economically. Guided through real-world tasks, you will learn how to establish business relationships to customers and how you can use these
relationships, as you need them for your enterprise.

WHAT YOU WILL LEARN

- How Intershop Commerce Management integrates with external applications to provide a multi channel e - commerce.
- How to administer a sales organization, its channels and applications.
- How sales organizations sell goods and services over the internet to their direct customers with personalized storefronts and consumer specific catalogs.
- How sales organizations can provide commercial services to distributors or agents which do not have e - commerce capability.
- How to process orders.
- How to use the various marketing features to improve the business.
- How to use the new content management functionalities to edit and manage storefront pages.
- How to manage Mass Data like catalog and product import/export, product syndication or product sharing.
- How to use the new Localization capabilities.

PRE-REQUISITES

- none

DURATION

1 day

TARGET AUDIENCE

All, especially

- Decision Makers
- IT Managers
- Sales Representatives and Sales Consultants
- Developers
- Web Designers
- Technical Consultants
- Business Consultants
- Project Managers

PRACTICAL EXERCISES

60%

SOFTWARE / TOOLS

- Recent Intershop Commerce Platform
- Course Files

BOOKS

Training Manual

5　ICM 400 – Frontend Developer

DESCRIPTION

In this training you will learn technologies and concepts which enable you to develop a modern and state-of-the-art web frontend. This frontend uses REST-calls as data stream and uses Angular for an adequate rendering. This training will cover some of the fundamental Angular basics but most important their usage in conjunction with the Intershop Commerce Management to demonstrate the capabilities of a REST-based Storefront.

The practical tasks are meant to demonstrate the customization of exactly this frontend.

WHAT YOU WILL LEARN

- Development Environment Basics - Angular / TypeScript / PWA
- General customization aspects / deployment scenarios, the usage of Schematics and Extensions
- test-driven development (jest test cases)
- warehouse use case:
  Models, Interfaces, Mappers, Services, Facades, State Management
- simple stock use case:
  Model, Service, Facade
- advanced stocks use case:
  self paced sample implementation
- Usage of Themes, Styles, Overriding, Images
- Localization, Usage of Guards, CMS-Integration
- Usage of Forms for validating input
- Multisite and Server Side Rendering
- How to deploy the application via Docker and Azure

PRE-REQUISITES

- Basic knowledge of Angular
- Basic knowledge of JavaScript
- Basic knowledge of CSS
- REST

DURATION

3 days

TARGET AUDIENCE

- Frontend Developer

PRACTICAL EXERCISES

70%

TOOLS

- Recent Intershop Commerce Platform
- Visual Studio Code
- Course files

BOOKS

Training Manual

6   ICM 550 – Backend Developer

DESCRIPTION

The course is aimed at learning how to extend and customize Intershop Commerce Management. Firstly, you will learn how to add programmatic resources to an ICM project via Cartridges and Application Types. You will get familiar with basic concepts on accssing and provisioning of data via POs, BOs and REST services. You will learn how to use and display data in the backoffice via the usage and creation of pipelets, pipelines, webforms and queries. Code execution is controlled via the ICM extension framework.

We will turn our attention to storefront enhancement. You will become familiar with the modelling pages, page includes, slots and components and how data is gathered through the PWA. The courses focuses heavily on modern software development paradigms, prefers the use of extension mechanisms and the use of the Managed Service framework to ensures migratability. In an optional section we offer the demonstration of a wide range of advanced features like basket re-calculation, dynamic customer segmentation, microservice development or widget programming.

WHAT YOU WILL LEARN

- ICM project development
- ICM cartridges Application Types and Applications
- Modeling of Persistent Objects to store data in the database
- DBInit and Database Preparers
- Development of Business and Resource Objects and a REST service
- Pipelet and Pipeline Development
- Automated Testing, Query Framework
- Managed Services, Authorization, Localization
- Content Management System
- Extension Framework, optional tasks, advanced features

PRE-REQUISITES

- Basic Java knowledge
- Basic knowledge of Web Services
- Familiarity with internet technology and web design

DURATION

5 days

TARGET AUDIENCE

- Frontend Developers
- Backend Developers

PRACTICAL EXERCISES

75%

SOFTWARE / TOOLS

- Recent ICM / PWA / VS Code
- Course Files

BOOKS

Training Manual – Tasks

7 Certification Program

CERTIFICATIONS ON CURRENT INTERSHOP SOFTWARE TRAINING

CERTIFIED ICM – BACKEND DEVELOPER

- ICM-550 – Developer Training

CERTIFIED ICM – FRONTEND DEVELOPER

- ICM-400 – PWA Training

DO YOU WANT TO TEST AND ASSESS YOUR KNOWLEDGE OF INTERSHOP PRODUCTS?

Certification is the best way to measure your skills alongside those of other Intershop Certified Professionals.
As a result of becoming certified, you will

- Receive acknowledgment from the development community and establish yourself as an expert on Intershop products
- Reach new heights in your career path and distinguish yourself from your competition in the world of e - commerce
- Have access to the official 'Intershop Certified' logo for use in marketing collateral.

WHICH KNOWLEDGE IS REQUIRED?

Most of the test questions correspond to the content of the training courses shown with the certification title. It is not required that you pass training before taking an examination.

WHERE CAN I TAKE THE EXAM?

Intershop offers the certification exams at any of Intershop or Partner offices, including:

- Germany:Jena
- United States: San Francisco
- Australia: Melbourne
- Remote Access via we b application

HOW LONG TAKES THE EXAM?

Depending on the chosen exam it takes:

- 30 minutes for the PWA Developer
- 90 minutes for the Developer

REGISTER FOR A TEST!

You can register on our website or simply send an e-mail with the following information to
techtraining@intershop.com:

- Your complete name
- Your e-mail address
- Desired certification
- Location
- 3 alternative exam dates

8 Organizational Hints

Training Data, Pricing, and Further Information

TRAINING DATES

The current training dates for different regions are available at
https://www.intershop.com/en/training.

TRAINING

The training goes from 9 am -5 pm. It is plit into 90 minute units. Between the
units we offer a coffee break. From 12:30 – 1:30 we offer a lunch break.

HOW TO ENROLL?

Please enroll via our Web site at https://www.intershop.com/en/training. There
you can find our trainings. You will receive step-by-step instructions on how to
enroll.

VIRTUAL TRAININGS

Due to Corona and due to new technical standards and capabilities, we offer
our trainings also in form of virtual classrooms. The only technical requirement
for participation would be the installation of a remote desktop tool to follow
the course on you very own azure instance.

ON-SITE COURSES

Intershop offers an easy and convenient method for organizations to conduct
private on-site courses. To schedule an on-site course on a given Intershop
product line, please contact the training department at:
mailto:training@intershop.com
In case you do not have the necessary technical equipment you can arrange to
rent computers from Intershop Technical Training.

PRICING

The price for one student per day in a standard training course at the
Intershop Training Center in Jena is EUR 800 (USD 875), excluding tax. A price
list as well as information about discounts for Intershop Partners is available
on your request.

The price for a certification examination is EUR 200 (USD 225), excluding tax.

9 Your Contact at Intershop Technical Training

We would be happy to help you with any training related issue. Please, contact any of the contacts by phone, e-mail, fax or mail.

INTERSHOP HEADQUARTERS

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Intershop is
built to boost
your business.

Discover what we can do at www.intershop.com.