



GLOSSARY OF SAP COMMERCE SPARTACUS

**A Quick Reference Guide to
SAP Terminologies**

Concept/Term	Definition
SAP Commerce Cloud	A powerful e-commerce platform by SAP. Supports B2B, B2C, and B2B2C business models.
Spartacus	SAP's open-source, Angular-based storefront for SAP Commerce Cloud. Provides a headless, customizable frontend.
Headless Commerce	Decouples the frontend from the backend. Enables flexibility in UI and omni-channel experiences.
Angular	A popular frontend framework used to build Spartacus. Supports modular and component-based development.
CMS (Content Management System)	Manages site content in SAP Commerce. Spartacus fetches CMS data via APIs for dynamic rendering.

Concept/Term	Definition
Backoffice	Administrative interface in SAP Commerce Cloud. Used to manage products, customers, and orders.
Hybris	Original name of SAP Commerce platform. Still used to refer to its architecture and legacy features.
API (Application Programming Interface)	Interface that enables Spartacus to interact with SAP Commerce Cloud. Uses RESTful services and OCC layer.
OCC (OmniCommerce Connect)	REST API layer of SAP Commerce Cloud. Allows Spartacus to retrieve and manipulate backend data.
B2C Accelerator	A traditional storefront template provided by SAP Commerce. Spartacus replaces this with a modern frontend.

Concept/Term	Definition
NgRx	Angular library used for state management in Spartacus. Enables reactive programming with store and effects.
Storefront	The frontend interface that customers interact with. Spartacus serves as a customizable storefront.
SmartEdit	A WYSIWYG tool in SAP Commerce to edit pages. Works with Spartacus via CMS synchronization.
Cart Service	A Spartacus service to manage shopping cart actions. Interacts with the backend via OCC APIs.
Checkout Flow	Guides users through the purchase process. Spartacus supports customizable, step-based checkout.

Concept/Term	Definition
Components	Reusable UI blocks in Spartacus built using Angular. Examples include banners, product tiles, and navigation.
Slots	Placeholder areas in the layout for dynamic components. Content managers configure them in the backend CMS.
Page Layout Configuration	Defines how pages and components are structured. Controlled by CMS and consumed by Spartacus.
Routing Module	Handles navigation and URL mapping in Spartacus. Syncs with the CMS for dynamic page resolution.
Custom Extension	User-defined feature added to Spartacus. Enables unique business logic or custom UI elements.

Concept/Term	Definition
Product Detail Page (PDP)	Shows information about a specific product. Spartacus fetches PDP data via product APIs.
Product Listing Page (PLP)	Displays product catalog listings. Supports filters, pagination, and search integration.
Facets	Used for filtering product listings based on attributes. Implemented in Spartacus via product search APIs.
Promotion Engine	Applies discounts and offers in SAP Commerce. Spartacus displays promotions during cart and checkout.
User Authentication	Login and session management in Spartacus. Supports username-password, OAuth, and SSO.

Concept/Term	Definition
CMS Components	Content-based components managed by SAP CMS. Spartacus renders them dynamically via APIs.
Lazy Loading	Loads modules only when needed to boost performance. Spartacus uses lazy loading for efficiency.
SSR (Server-Side Rendering)	Renders HTML on the server before sending to browser. Improves SEO and load time in Spartacus.
CDS (Context-Driven Services)	SAP tool that enables personalization. Spartacus integrates CDS for targeted recommendations.
Consent Management	Manages user consent for cookies and tracking. Built into Spartacus for GDPR compliance.

Concept/Term	Definition
SAP Identity Services	Provides user authentication and SSO. Can be integrated with Spartacus for secure login.
Media Container	Manages images and videos in SAP Commerce. Spartacus retrieves media using CMS references.
Internationalization (i18n)	Supports multiple languages and locales. Spartacus uses translation files for dynamic switching.
Store Finder	Feature to help users locate physical stores. Spartacus uses geolocation APIs and store data.
Order History	Displays user's past orders. Data is pulled from SAP Commerce Cloud via REST APIs.

Concept/Term	Definition
Wishlist	Allows users to save favorite products. Spartacus handles wishlist logic via OCC endpoints.
Responsive Design	Ensures mobile-friendly layout and usability. Spartacus is built with responsiveness in mind.
Unit Testing	Testing individual components or services. Spartacus uses Jasmine and Karma for unit tests.
E2E Testing	Tests complete user flows from start to end. Spartacus uses Cypress for automated browser testing.
CI/CD Pipeline	Automates build, test, and deployment. Spartacus projects use pipelines for frequent releases.

Concept/Term	Definition
Multi-Site Support	Manages multiple storefronts under one backend. Spartacus can dynamically load site-specific data.
Multi-Currency	Supports various currencies for pricing. Spartacus fetches and displays based on locale.
Product Variants	Different versions of a product like size or color. Spartacus supports variant selection in PDP.
Custom Routing	Creating custom URLs or navigation paths. Spartacus allows route overrides and guards.
B2B Features	Includes company accounts, approval workflows, and bulk orders. Spartacus supports key B2B scenarios.

Concept/Term	Definition
Quick Order	Feature allowing fast entry of multiple SKUs. Used in B2B scenarios within Spartacus.
PunchOut Integration	Integrates SAP Commerce with external procurement systems. Spartacus supports PunchOut catalogs.
Order Approval	B2B feature requiring supervisor approval for orders. Spartacus displays status and actions.
Replenishment Orders	Scheduled repeat orders for B2B customers. Spartacus allows setup and tracking of replenishment.
Asynchronous Pricing	B2B pricing logic fetched from backend in real-time. Improves accuracy for Spartacus cart.