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Feature Catalog

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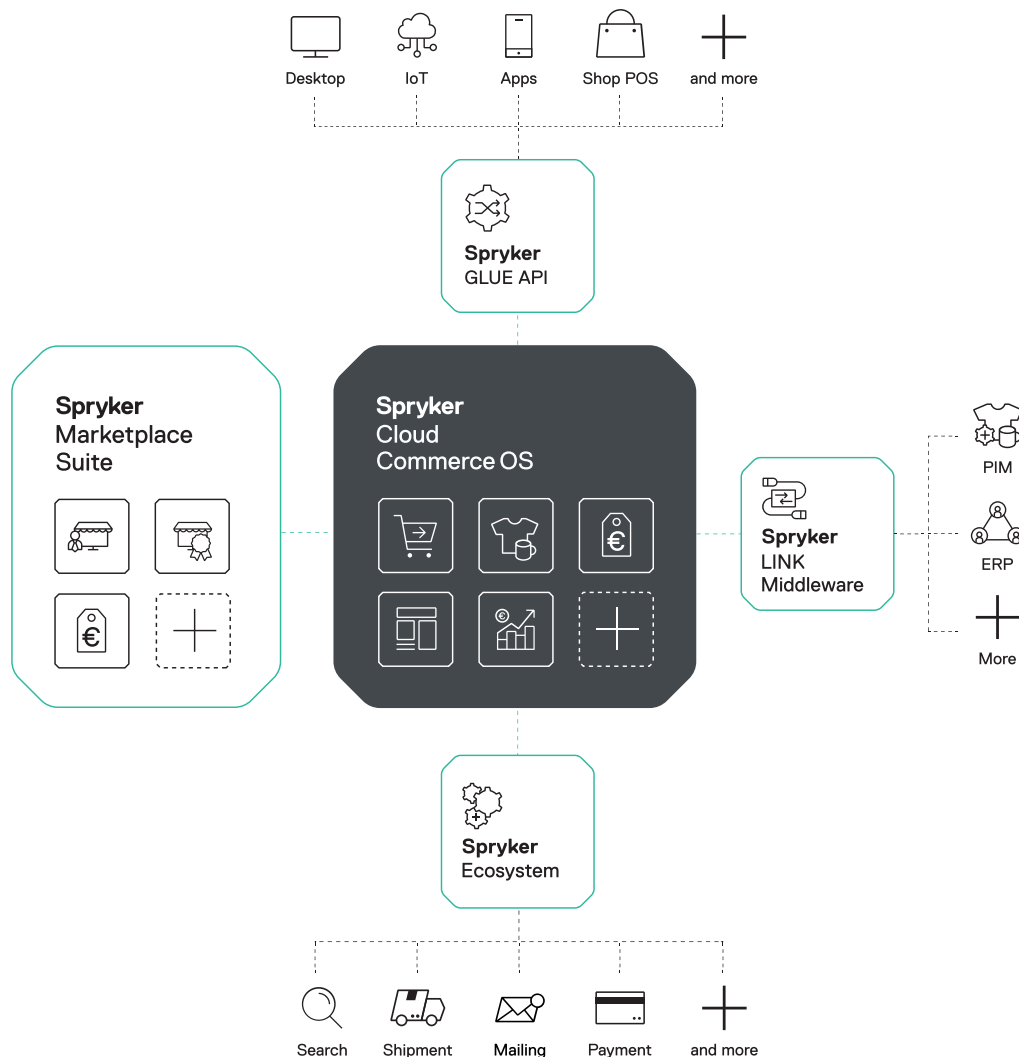
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The Better E-Commerce Solution for YOU!



The Spryker Cloud Commerce OS is a “beyond shop – beyond desktop” commerce technology, enabling transactional use cases at every current and future touchpoint. It comes with a clear separation of front- and back-end and provides all Features for a successful commerce business.

Spryker is a Cloud solution by default – meaning you do not have to worry about hosting or maintenance. Of course, if you are more comfortable managing everything by yourself, Spryker’s on-premise solution is the perfect option.

All Features are clustered into Business Capabilities. While each Capability was originally designed to fill a particular need dependent upon the type of end

customer, Spryker understands each business has individual demands that may dim the line between B2B, B2C and others. All of our Capabilities are built with the intention of making them easily adaptable to your actual growing business requirements away from any uniform one-fits-all solutions.

Spryker’s Glue API is a framework and an API Gateway application, containing a set of storefront API resources that enable you to create unique commerce digital experiences, from a traditional B2C or B2B online shop, a marketplace, a mobile app, or newer forms such as voice or bot commerce.

Meet your customer anywhere, anytime.

Overview

Capabilities

The Spryker Cloud Commerce OS consists of decoupled Packaged Business Capabilities, which are a bounded set of features, APIs and other services.. Each Capability is

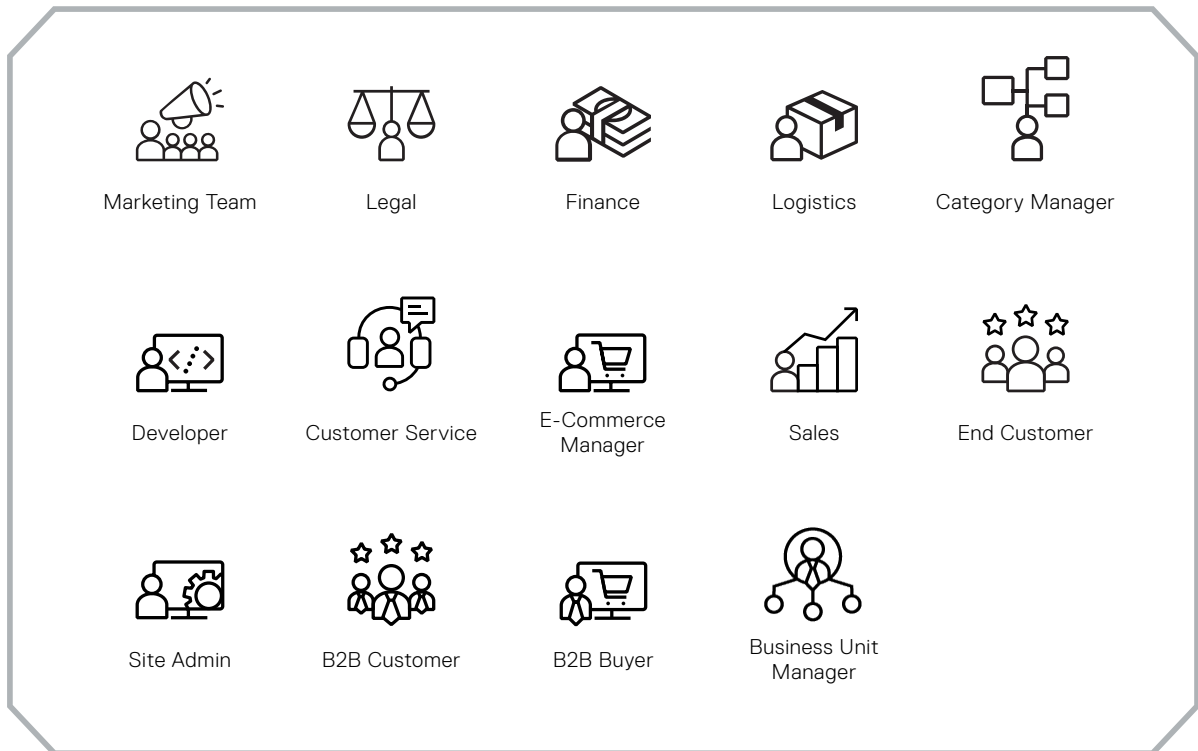
independently upgradeable and clusters a different functional area. All Capabilities fulfill certain business values, so that your company can thrive and expand.



Personas

Per Capability different key audiences and stakeholders can be found in form of Personas. Each Persona icon

represents different workflows, functionalities and roles in an e-commerce oriented business.



Business Values

Each Business Capability in the Spryker Cloud Commerce OS enables your company to act faster, be agile, listen to

your customer's demands, outperform your competition, increase conversions and many more.



Spryker B2B Suite

B2B buyers do online research, before making a purchasing decision and a large majority of those prefer an online shopping experience close to the well known

Customer Convenience is Key

- Retailers should focus on how, when and where customers are buying and adjust accordingly.
- A rich product catalog, easy usability and content heavy webshop are a must-have.

Digitalize the Sales Organization

- Reflect individually negotiated prices and product restrictions in a webshop.
- Integrations of 3rd party software, like ERP, PIM, and CRM, are readily available.

B2C environment. Be ready for your customer's demands with the Spryker B2B Suite.

Simplified Ordering Processes

- Create customized and easy-to-access product pages, using B2C-like UX.
- Intuitive cart, shopping list and quick-order functionalities create a seamless ordering process. Workflow management features ensure secure and business-compliant processes.

Better Data Processing

- Large amount of data points can easily be processed thanks to powerful database structures and search engines.
- Integrations made easy thanks to high-end API infrastructure and Middleware.

Spryker B2C Suite

“

Spryker stands out by offering a highly modular commerce architecture. The native modular design contributes to high scalability and the agility that many industries such as grocery, retail, brand manufacturing and distribution are now demanding.”

- Gartner, 2020 Magic Quadrant for Digital Commerce

Spryker's B2C Packaged Business Capabilities are designed to help your business scale as customers move towards digital, mobile, and IoT so you never have to worry about meeting your current or future customers' needs. Today's and future commerce shifts towards digital, and already moves away from a desktop-only shopping experience. B2C customers want to be able to shop and connect anywhere anytime, across devices (including IoT)

Total Cost of Ownership

- Lean System through modular and PBC approach.
- Efficient Development will keep costs under control.

Time-to-Market

- Short Release Cycles enable faster development and testing of new features.
- Front-End independence allows for better and more efficient development and no dependencies.

while still enjoying the convenience of traditional retail stores.

Multi Channel, multi-shop and pure customer focus are the key to succeeding on the market.

With Spryker Cloud Commerce OS you gain the flexibility to keep up with and set new market trends your customers will love, while keeping TCO and ROI in check.

Return on Investment

- Fast Testing allows for faster market entry.
- Fast Market Entry enables faster revenue generation.

Cloud

The Spryker Cloud Commerce OS is a Platform-as-a-Service (PaaS) solution. Our PaaS technology allows our customers to develop, run and manage their Spryker application without any complexity of building, scaling and maintaining the infrastructure.

End-to-end Accountability

The Cloud infrastructure & operations are managed under one, simple contract – simple & easy.

Contact & Support

We offer a 24x7x365 contact and support to solve any and all operational problems.

Choosing Spryker means your business benefits from an inherent flexibility and agility that is suited for sophisticated transactional use cases in B2B, Unified Commerce, Marketplaces and B2C.

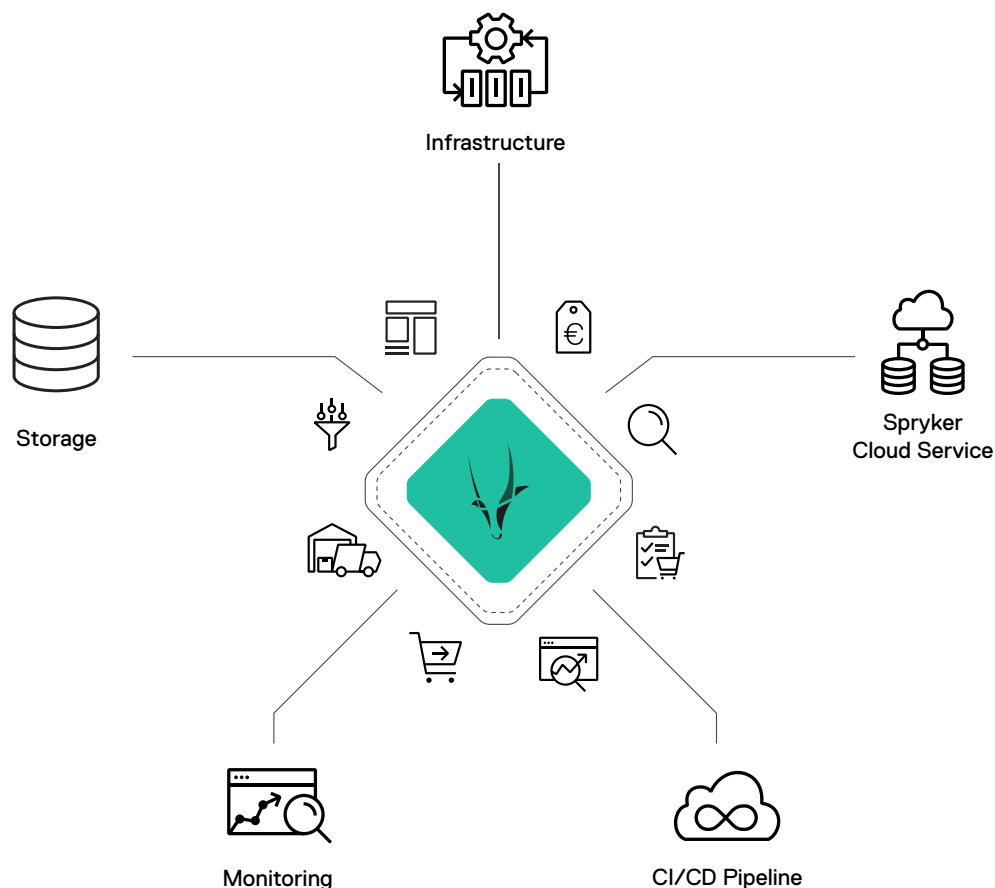
Our PaaS solution offers the best product experience, optimal Total Cost of Ownership, and continued support & accountability.

Optimized & Cost-Efficient

Get the best total cost of ownership with the highest return on investment on the market today.

Best Product Fit

If there's anything we know best, it's how to manage, operate & scale the modularity of Spryker's API-based architecture.





Product Management

Who



Category Manager



Marketing



Sales

What



Expand your business by organizing your products in a fast and efficient way.

Details

Ensure a smooth shopping experience with the powerful product management features that allow you to create a neat and fully customized product catalog. Build appropriate category hierarchies and assign attributes and custom labels to products. Enhance your services by including additional product options

like gift wrapping or warranty options. Run effective promotions campaigns via time limited offers and pricing, product recommendations and the 'Shop-the-Look' collections.

Features

- [Product Attributes](#)
- [Product Abstraction](#)
- [Super Attributes](#)
- [Product Groups](#)
- [Product Bundles](#)
- [Configurable Bundles](#)
- [Configurable Product](#)
- [Product Sets](#)
- [Product Relations](#)
- [Product Options](#)
- [Product Labels](#)
- [Product Detail Page](#)
- [Barcode Generator](#)
- [Product Restriction for B2B Customers](#)
- [Alternative Products](#)
- [Discontinued Products](#)



Packaging & Measurement Units

Who



Logistics



E-Commerce Manager

What



Increase conversion rates and customer satisfaction by offering flexible Packaging Units and selling items in individual measurements.

Details

The Spryker Cloud Commerce OS let's you flexibly define values for selling your products in weight, lenght or quantity. Depending on the items you are selling, you offer meters and centimeters, kilogram and pounds or other units. Individual Packaging enables you to sell the

same item in different bundle sizes. This enables you to enrich your product choice and gives more flexibility for your customers. They can freely decide if they i.e. want to purchase a single bottle or a whole crate.

Features

- [Packaging Units](#)
- [Measurement Units](#)



Catalog Management

Who



Category Manager



Marketing



Sales



End-Customer

What



Pave the way for a smooth shopping journey with well-organized categories and organize and extend your catalog to match your business needs.

Details

Build and organize a unique and clear catalog that meets your customers' demands and allows them to find what they are looking for quickly.

Assign attributes to your products and organize them in a custom category tree. Easily manage stock levels and pricing. Create and edit product pages and effortlessly manage translations and SEO. With the powerful Catalog Management features you can easily build a cus-

tom category strategy which allows you to manage your category pages, create dynamic Category Pages and include category filters. To keep your catalog dynamic you can include autogenerated pages based on categories and create templates for these dynamic pages. This allows you to flexibly grow your product range and keep your catalog updated easily.

Features

- [Product Catalog Management](#)
- [Category Management](#)
- [Category Pages](#)
- [Product to Category Association](#)



Navigation

Who



E-Commerce Manager



Marketing

What



An optimized store Navigation can efficiently lower your bounce rate.

Details

Enable shoppers to quickly navigate to the products they desire and help search engines index your product information effectively. Build an easy-to-use navigational structure with a custom category tree and an unlimited number of navigation menus. The Administration Inter-

face lets you add navigational elements such as CMS and category pages, internal links or external backlinks to partners or social media. Include breadcrumbs to spotlight a user's path. Plan ahead and schedule the visibility and navigation of promotional content.

Features

- [Navigation](#)



Search & Filter

Who



Category Manager



Marketing



End-Customer

What



Increase conversion rates by providing an excellent Search & Filtering experience.

Details

Let shoppers browse your catalog quickly with the highly flexible filter and search features. The out-of-the-box Elasticsearch technology allows you to include full-text search, autosuggestions and autocompletion. Further search features let you set individual search preferences for multiple stores, for example. Categorizing your

products and adding dynamic filters and facets helps your customers to refine the search results further. In addition to the custom filters, you can also add more advanced filters that make use of the products' metadata, for example. Further features enable you to promote a brand's top-sellers or highly rated products.

Features

- [Filters & Search by Category](#)
- [Full-Site Search](#)
- [Filters](#)



SEO

Who



Marketing

What



Increase visibility of your store.

Details

Improve the search engine ranking of your store and let potential customers find your store quickly. The powerful SEO features enable you to add customized meta information to all your content and create search engine friendly URLs. The easy-to-use CMS solution

allows you to effortlessly create meta information for all CMS pages, which can additionally be translated into all supported languages. All meta information is kept when duplicating a CMS page.

Features

– [SEO Tools](#)



CMS (Content Management System)

Who



Marketing



E-Commerce Manager

What



Provide compelling content and stories where your customers need it.

Details

The Spryker Cloud Commerce OS offers a feature-rich content management system that allows you to provide the right content at the right place at the right time. Easily define the layout of your pages with templates and Slots and create content with Content Items. This

multi-dimensional structure allows maximal personalization and Technology Partner CMS Integrations. As a Content Manager, you are working with an intuitive and user-friendly WYSIWYG editor interface that simplifies the creation and editing of your content.

Features

- [CMS Templates & Slots](#)
- [CMS Blocks](#)
- [CMS Pages](#)
- [Content Item](#)



Media Management

Who



Marketing



End-Customer

What



Offer an exceptional brand experience with impactful visuals, banners and media assets.

Details

Reduce your bounce rate effectively and create an enhanced shopping experience by providing impactful visuals while simultaneously maintaining fast response times. The user-friendly WYSIWYG CMS editor allows you to

smoothly add images and videos to any of your product and content pages. To maintain high performance and ensure fast response times, the Spryker Cloud Commerce OS uses a separate server to host media.

Features

— [Asset Management](#)



Internationalization

Who



Marketing



Finance

What



Increase your revenue by expanding globally.

Details

The Spryker Cloud Commerce OS enables you to seize opportunities across the globe and seamlessly expand across international markets. Create multiple stores to target different markets or launch one adaptive store

that services several different regions. Choose to share your catalog and stocks between stores or offer separate product ranges in different regions. Easily localize the pricing, project domains and all your content.

Features

- [Multiple Store Setup](#)
- [Multiple Currencies per Store](#)
- [Glossary Creation](#)



Price

Who



Category Manager



Sales



End-Customer

What



Save time by implementing your pricing strategy in one place and cater it to your business needs.

Details

Incorporate your pricing strategy into your Commerce OS effortlessly and save valuable time. The Spryker Cloud Commerce OS supports multiple currencies and automatically detects the currency based on a customer's preference. Prices, as well as payment and shipping costs are converted accordingly. Easily manage gross and net prices per product, country and currency and

specify if you wish to display the gross or net prices in your shop. Offer volume discounts to encourage customers to purchase products in larger quantities. Depending on your product portfolio, you can also offer your products in different measuring units, like weight or length, for example.

Features

- [Net & Gross Price Mode](#)
- [Customer Specific Prices](#)
- [Volume Prices](#)
- [Scheduled Prices](#)



Tax

Who



Legal



Finance

What



Be sure to comply with fiscal regulations.

Details

Adhere to the respective tax regulations in the countries you sell and effortlessly configure and manage tax rates for products, shipments and additional services like gift-wrapping. To support global expansion, the Spryker

Cloud Commerce OS enables you to easily define tax rates for different countries. After defining specific tax rates, all calculations in the shopping cart are handled automatically.

Features

- [Manage Tax Rates & Sets](#)



Promotions & Discounts

Who



Sales



Marketing

What



Run effective promotional campaigns to boost conversion rates.

Details

Drive your sales with the highly flexible promotion features like free shipping, special prices, free gifts, and threshold promotions. The Spryker Cloud Commerce OS enables you to define several types of discounts based on a brand, the overall cart value, certain product ranges

or special customer groups. You can also offer discount vouchers or simply incentivize certain products through coupon codes. Enhance customer engagement by specifying the visibility of certain content or personalizing any CMS element.

Features

- [Discount Engine](#)
- [Product Promotions](#)



Shopping List

Who



End-Customer



Sales

What



Increase conversion rates and shop loyalty by offering B2B enriched Shopping Lists.

Details

Enable your B2B customers to save the products they wish to purchase through the Shopping List Capability. Different roles and permission systems ensure a smooth sharing and contribution management amongst a company's users. Printing a Shopping List, with or without a barcode, makes the reordering process easy for your customers.

Effectively, reduce cart abandonment, boost your sales and keep track of which products your customers are interested in. Allow your customers to create multiple Shopping Lists and customize the name of a new list. With a direct-to-cart feature, customers can immediately add items to their shopping cart.

Features

- [Create Shopping Lists](#)
- [Multiple Shopping Lists](#)
- [Permission Management for Shopping Lists](#)
- [Printing Shopping List](#)



Wish List

Who



End-Customer



Marketing

What



Offer a Wish List function to reduce shopping cart abandonment.

Details

Enable your customers to track and save the products they wish to purchase through a Wish List function. Effectively, reduce cart abandonment, boost your sales and keep track of which products your customers are

interested in. Even allow your customers to create Multiple Wish Lists and customize the name of a new list. With a direct-to-cart feature, customers can immediately add items from their wish list to their shopping cart.

Features

- [Multiple Wish Lists](#)
- [Convert Wish List to Cart](#)



Cart

Who



End-Customer



Marketing

What



Increase conversion rates with a feature-rich shopping Cart and offer additional B2B specific, permission-related functionalities.

Details

The Spryker Cloud Commerce OS offers a powerful and full-feature online shopping cart that acts as a gateway for customer and order management. Allow your customers to easily add products, organize, and manage their purchases. Any changes within the Cart lead to an

immediate recalculation of the total sum, and pre-defined taxes will be applied and shown automatically. Flexibly define discount rules and allow customers to apply vouchers and coupon codes.

Features

- [Cart Functionality & Calculations](#)
- [Order Threshold](#)
- [Item Split in Back Office](#)
- [B2B Cart Functionalities](#)
- [Cart Roles & Permissions](#)
- [Shared Cart](#)
- [Multiple Carts per User](#)
- [Quick Order](#)



Shipment

Who



End-Customer



Logistics

What



Ensure quick and cost effective delivery.

Details

Allow customers to choose from multiple shipping carriers and methods through an easy integration. Within this feature, easily specify how the delivery costs of each shipping method are calculated. Offer free shipping or discounts based on the carrier, the shipping

method, or the order price to improve the average order volume. Spryker Cloud Commerce OS also allows the support of multiple stores with the option to display the delivery costs in multiple currencies and several shipment methods.

Features

- [Shipment Carriers & Methods](#)
- [Split Delivery](#)



Payment

Who



Finance



E-Commerce Manager

What



Provide a holistic shopping experience and integrate your customers' preferred payment methods.

Details

Easily integrate several different payment gateways, including Amazon Pay, PayPal, and BS Payone. Adapt to your customers' needs and define the availability of payment methods based on customer preferences and country-specific regulations. Even customize their ap-

pearance on your site and offer multiple payment methods per checkout. Managing refunds is also entirely effortless with the Spryker Cloud Commerce OS as refunds are handled automatically.

Features

- [Payment Provider Integration](#)
- [Refund Management](#)



Gift Cards

Who



End-Customer



Marketing

What



Acquire new customers through gift card payment options.

Details

Increase sales by allowing your customers to purchase and redeem gift cards. Enabling gift card purchases can boost your brand awareness and help you reach new customers. Additionally, benefit from shoppers who re-

deem gift cards, as they usually spend 20%+ on top of the card's value. In Spryker Cloud Commerce OS, gift cards are treated as a separate payment method.

Features

- [Gift Cards Purchase & Management](#)



Checkout

Who



End-Customer



Marketing



Logistics

What



Reduce the dropout rate with a smooth checkout workflow.

Details

Offer customers a smooth shopping experience and customize the checkout workflow all the way. Add, delete and configure any step of the process, like customer account login, shipment and payment methods or check-

out overview. Enable customers to select single or multiple products and add wishlist items to their cart. Easily integrate different carriers and delivery methods.

Features

- [Multi-Step Checkout](#)



Workflow & Process Management

Who



B2B Buyer



B2B Buyer

What



Enable your customers to follow internal compliances through an intricate process management.

Details

Let your B2B customers optimize their internal processes and workflows by offering an intricate approval management tool. Not only can your

customers appropriately mimic hierarchy and budget, but it also ensures an easy and fast ordering process.

Features

- [Approval Process](#)
- [Quotation & Offer Management](#)
- [Punchout](#)
- [Session Management](#)



Ratings & Reviews

Who



End-Customer



Marketing



Marketing

What



Inspire trust among customers with ratings and reviews.

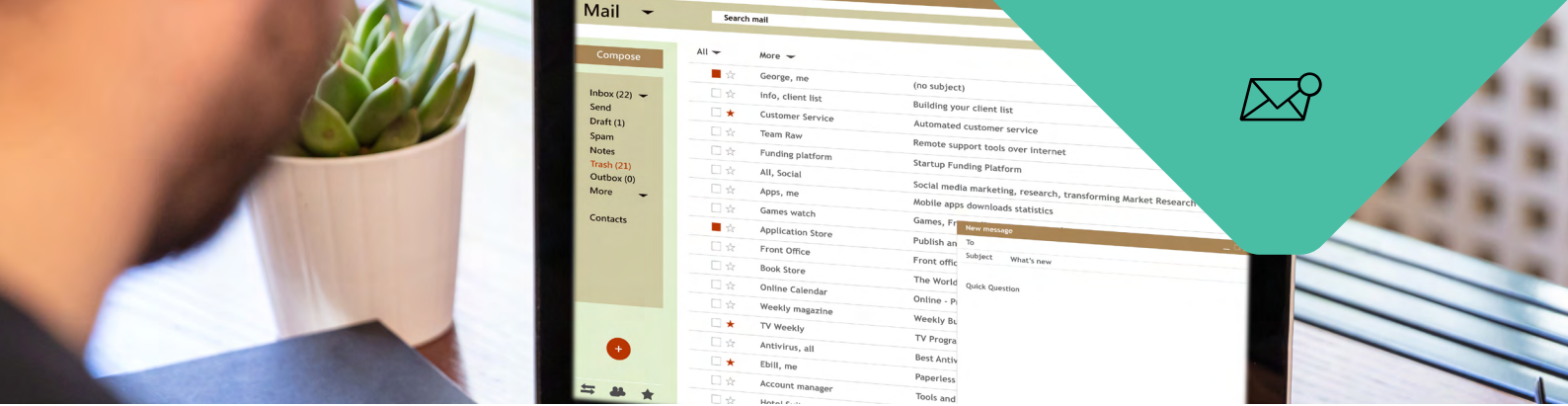
Details

Drive sales by including user reviews and ratings. They are proven to be a sign of trust and allow brands to receive valuable and moderate feedback in the Administra-

tion Interface. Ratings and Reviews feature also comes with the functionality to add text-free reviews and star ratings.

Features

- [Ratings & Reviews](#)



Mailing & Communication

Who



Customer Service



Marketing

What



Keep in touch with your customers.

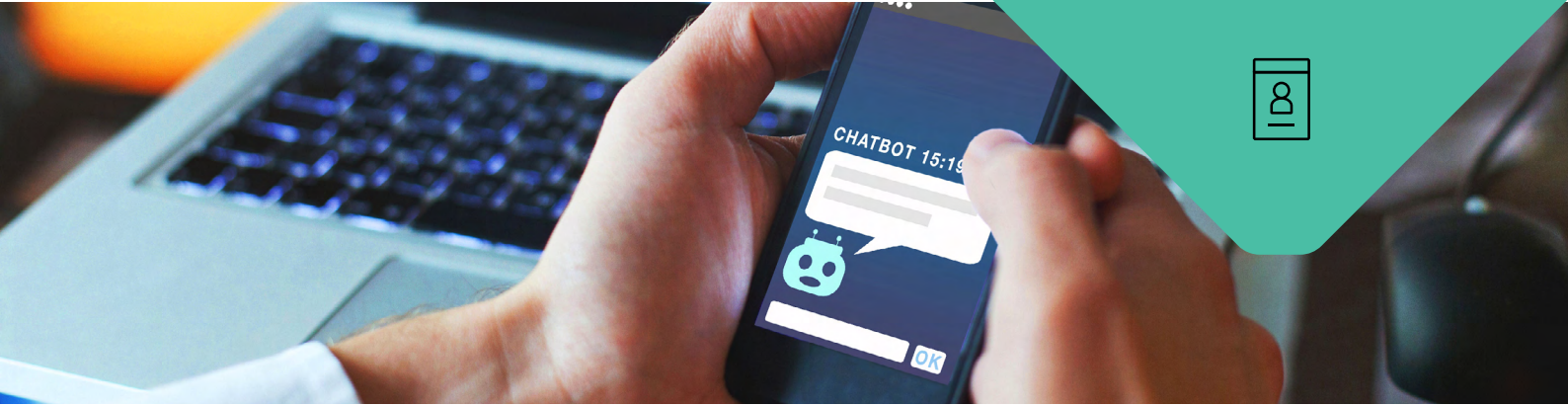
Details

Drive customer engagement and keep them up-to-date. Send automated confirmation e-mail, when an order is being processed or items are being shipped. Enhance customer engagement by offering different types of newsletter subscriptions to notify your customers of

new or recommended products. The Spryker Cloud Commerce OS allows you to integrate an e-mail provider of your choice or use the default e-mail provider Swift Mailer.

Features

- [Manage Transactional E-mails](#)
- [Newsletter Subscription](#)
- [Availability Notification](#)
- [Comments Widget](#)



CRM (Customer Relationship Management)

Who



Customer Service



End-Customer

What



Increase conversion rates and average order values with a compact Customer Relationship Management tool.

Details

The compact and powerful customer management tool allows you to easily manage customer accounts and effectively monitor their shopping habits. Customers can easily create customer accounts, which you can use to create personalized shopping experiences via customer

segmentation. Group your customers based on their location, order history, age, gender or any other property and target specific groups for certain products, promotions, content pages, languages and many more.

Features

- [Customer Accounts](#)
- [Login & Registration Forms](#)
- [Multiple Login blocker](#)
- [Customer Groups](#)



Company Account

Who



Customer Service



B2B Customer



B2B Buyer

What



Ensure a secure and reliable Company Role and Business Unit Management.

Details

Provide your B2B Customers with a way to accurately map their business hierarchies, permissions and role management. With the creation of distinctive Business Units, the internal hierarchy can easily be mapped and each Unit can operate independently. This is especially useful if your customer's company is operating multiple locations or warehouses. A convenient Roles & Permis-

sions System enables your customer's buyers to clearly define purchasing and approval processes. By default a standard set of Roles is defined and Permissions attributed. Each user inside a Company Account can have multiple Roles and Permissions and belong to more than one Business Unit.

Features

- [Company Account Overview](#)
- [Business Units](#)
- [Business on Behalf](#)
- [Company User Roles](#)
- [Company User Permissions](#)
- [Agent Assist](#)
- [Registration of new Company](#)



Order Management

Who



Logistics



Sales

What



Process orders smoothly to fulfill them quickly.

Details

Efficiently keep track of your order processing and ensure quick fulfillment. Manage incoming orders through the Administration Interface and effortlessly view and edit orders, track their progress or contact customers of

open orders directly. With the compact Order Management features you can easily keep your order processing running smoothly.

Features

- [State Machine Modelling](#)
- [Order Status](#)
- [Reorder](#)
- [Reclamations & Refunds](#)
- [Custom Order Reference](#)
- [Return Management](#)
- [Order Cancellation](#)
- [Invoice Generation](#)



Inventory Management

Who



E-Commerce Manager



Sales

What



Save time by keeping an eye on your stock levels.

Details

Check your inventory levels at a glance. The powerful Administration Interface allows you to easily keep an overview of your stock levels to display accurate

availabilities on your store site. Any open orders, and therefore reserved items are taken into consideration when stock availabilities are displayed.

Features

- [Stock & Availability Management](#)
- [Multiple Warehouse Stock Management](#)



Back Office

Who



E-Commerce Manager



Customer Service



Legal

What



Keep your back-end processes running efficiently, protect your data and administer all accounts.

Details

The Spryker Cloud Commerce OS includes a powerful and user-friendly Administration Interface that allows you to manage all Back Office tasks with ease. Easily manage and create customer accounts and define who can ac-

cess the Administration Interface. Keep track of all your internal processes including the management of your products, orders, customers and many more.

Features

- [Administration Interface Management](#)
- [Data Protection & Permission Management](#)
- [Manage Customer & Company Accounts](#)
- [Dashboard](#)
- [Identity Manager](#)



SDK

Who



Developer

What



Save time and money by leveraging the Spryker Cloud Commerce OS in the most effective way.

Details

Create a reliable base for your OS that ensures security and high performance. Provide your developers with a collection of useful coding tools that help them validate

their code while they work. The Spryker Cloud Commerce OS also offers production/staging deployment solutions for several different cloud platforms.

Features

- [Development Tools](#)
- [Spryker Code Generator](#)
- [Data Exchange](#)
- [Development Virtual Machine, Docker Containers & Console](#)
- [CSS Class Customization](#)
- [Cronjob Scheduling](#)



Demo Shops

Who



Developer



E-Commerce manager

What



Get a glimpse of the Spryker Cloud Commerce OS functionalities and start with our Demo Shops.

Details

The Spryker B2B and B2C Demo Shop are fully functional, out-of-the-box online shops. They offer all common functionalities and workflows any state-of-the-art commerce business needs and can be used as a boilerplate

to kick-start your project. You can test Spryker's features and functionalities and adjust them to your specific needs.

Features

- [B2B Demo Shop](#)
- [B2C Demo Shop](#)



Technology Partner Integrations

Who



Finance



Developer



Marketing

What



Simplify and accelerate your processes by making use of the multitude of partner solutions

Details

Streamline your operations by connecting your Spryker Cloud Commerce OS with a large selection of third-party applications and integrations. Create a rich customer experience by integrating an e-mail marketing provider that suits your business needs or reduce errors with the

integration of an analytics solution and the ERP of your choice. Automate your processes and implement several shipping and payment integrations. Seamlessly integrate the third-party solutions you need and make your store unique.

Integrations

- [External Integrations](#)
- [Punchout Integrations](#)



API

Who



Developer



Marketing

What



Expand your shop's most important processes across multiple customer touchpoints.

Details

The Spryker GLUE REST API is a fully functional JSON REST API that comes in the form of a new application available in the Spryker Cloud Commerce OS. It is built to be used as a contact between the Commerce OS back-end and any possible touchpoint or integration like mo-

bile, voice, smart home device or other, or connect with a third party system. As an application, GLUE exposes existing Spryker functionality like search, cart, checkout, or even CRM.

Details

- [Benefits of GLUE API](#)
- [GLUE API Ready Features](#)



Features

GLUE API Ready Features

- [Product Attributes](#)
- [Super Attributes](#)
- [Product Bundles](#)
- [Product Relations](#)
- [Product Labels](#)
- [Alternative Products](#)
- [Discontinued Products](#)
- [Measurement Units](#)
- [Category Management](#)
- [Hierarchical Navigation](#)
- [Filters & Search by Category](#)
- [Asset Management](#)
- [Multiple Currencies per Store](#)
- [Net & Gross Price Mode](#)
- [Customer Specific Prices](#)
- [Manage Tax Rates & Sets](#)
- [Discount Engine](#)
- [Create Shopping Lists](#)
- [Multiple Wish Lists](#)
- [Shared Cart](#)
- [Multiple Carts per User](#)
- [Shipment Carriers & Methods](#)
- [Split Delivery](#)
- [Payment Provider Integration](#)
- [Gift Cards Purchase & Management](#)
- [Multi-Step Checkout](#)
- [Ratings & Reviews](#)
- [Availability Notification](#)
- [Customer Accounts](#)
- [Login & Registration Forms](#)
- [Multiple Login blocker](#)
- [Customer Groups](#)
- [Company Account Overview](#)
- [Business Units](#)
- [Business on Behalf](#)
- [Company User Roles](#)
- [Company User Permissions](#)
- [Agent Assist](#)



Middleware

Who



Developer



E-Commerce Manager



Site Admin

What



Easily connect and manage large legacy systems like CRM, PIM, and ERP.

Details

Connect your shop's legacy CRM, ERP, PIM and other large, complicated systems easily through the Spryker data pipeline called Middleware. The Spryker Middleware has five stages which export and import items through

these specific set of stages: read, validate, map, translate, and write. This process ensures all of your most important data is imported properly and safely so you do not have to worry about any integration.

Features

— [Middleware](#)



Cloud

Who



Developer



E-Commerce Manager



Site Admin

What



Cloud Users benefit from an inherent flexibility and agility that is suited for sophisticated transactional use cases in B2B, Unified Commerce, Marketplaces and B2C.

Details

The Spryker Cloud Commerce OS is a Platform-as-a-Service (PaaS) solution. Our PaaS technology allows our customers to develop, run and manage their Spryker

application without any complexity of building, scaling and maintaining the infrastructure.

Features

- [Infrastructure](#)
- [Spryker Cloud Service](#)
- [CI/CD Pipeline](#)
- [Monitoring](#)
- [Storage](#)



Features

Infrastructure



B2B



B2C

AWS

The Spryker Cloud Commerce OS leverages AWS Infrastructure and managed services. It benefits from the market leader of cloud providers and its broad set of services. AWS offers a scalable and secure foundation to build your e-commerce platform on and respond to fast changes in your business environment.

High Availability

Spryker offers by default 2 availability zones for production environments to ensure a high-availability of our customers transactional commerce applications.

Isolated Environments

Keep your data under control and separated, by using Isolated Environments. Multiple Environments can be set up and used for testing, pre-production verification and production.

Spryker Cloud Service



B2B



B2C

Spryker Docker SDK

Our Developer Kit provides a standardized and customizable way to bootstrap Spryker applications and adjust cloud infrastructure parameters to your needs and prepare environments.

Elastic Container Infrastructure

Spryker Cloud Commerce OS provides an elastic container service to run all Spryker applications and services. The elastic container infrastructure consists of Load Balancers, Container Registry and Compute Instances in an auto-scaling mode.

Database, Queue and Search Services

The database services scale on demand and provide fully managed MariaDB (RDS) and Redis databases. Spryker provides fully managed and redundant RabbitMQ queue and Elasticsearch services.

CDN

Pre-integrated AWS Cloudfront allows you to easily deliver static assets like files, images and videos with high-speed worldwide.

DNS and Certificates Services

We provide a fully managed DNS & Certificates Service to coordinate and manage data routes. Auto-generate or renew certificates for all test and production environments with the built-in certificate service to generate and use all needed SSL certificates.

Storage Service

Fully managed and redundant flexible Storage Services allow you to manage assets and process data from your transactional applications or 3rd-party services.



CI/CD Pipeline



B2B

Code Deployment Pipeline

Use pre-integrated CD pipelines to deploy your code to the Spryker Cloud Commerce OS. Our separate pipelines per environment allow for extensive tests and updates of test and production environments.



B2C

Code Repository Connect

Our CD pipeline is by default compatible with the major source code repository services such as GitHub or Bitbucket. In special cases the Spryker Cloud Commerce OS comes also with a bridging solution to connect proprietary platforms.

Spryker QA Tooling Suite

The Spryker QA Suite consists of SDKs, Spryker architecture- and code sniffers as well as code generators. Compatible and ready to use in your CI pipeline.

Monitoring



B2B

Monitoring and Logging

All environments, Applications and Services, are monitored by an out-of-the-box integrated Cloud infrastructure monitoring.



B2C

E-Mail and Notification Service

We are offering an integrated E-Mail and notification service that is configured and available for internal usage, like notifications about resource consumptions and exceeding predefined limits.



Storage



B2B



B2C

Web Application Firewall

A pre-integrated and fully managed Web Application firewall per environment is configured.

Encryption

Both data at rest and data in circulation are encrypted according to industry standards.

Backups & Restore

Spryker provides automated and encrypted backups every hour with a retention time of four weeks that are configured by default. Rollback procedures for database and/or applications allow both application and data to be restored.

Secrets Management

Built-in fully managed secrets manager and key management service, provided by AWS.

VPN Services

VPN and site-to-site VPN services can be configured when needed. The VPN service is used to connect and check environments and specific applications when required. The site-to-site VPN service is a permanent connection that can be established to connect the Cloud environment with the customer's network. This can be used for data exchange or live communication between back-end systems.

Bastions Host

A fully managed, single entry point to Spryker Cloud Commerce OS per region.

Image Scanning

Automatic scanning of application images for known software vulnerabilities, bugs, and security of the application images that are being deployed. Reports and notifications are available for further analysis and required code fixes.



About Spryker

Founded in 2014, Spryker enables companies to build sophisticated transactional business models in unified commerce including B2B, B2C, and Enterprise Marketplaces. It is the most modern platform-as-a-service (PaaS) solution with headless & API-based architecture that is cloud and enterprise-ready and loved by developers and business users worldwide. Spryker customers extend their sales reach and grow revenue with a system that allows them to increase operational efficiency, lower the total cost of ownership, and expand to new markets and business models faster than ever before. Spryker solutions have empowered 150+ companies to manage transactions in more than 200 countries worldwide. Spryker is trusted by brands such as Toyota, Siemens, Hilti, and Ricoh. Spryker was named the most innovative and visionary of all new vendors in the 2020 Gartner Magic Quadrant for Digital Commerce and named a major player in B2B e-Commerce by IDC and is the only commerce platform to provide full B2B, B2C, D2C, and Marketplace capabilities out of one stack. For more information about Spryker please visit [Spryker.com](https://spryker.com).

Do you have feedback for us?

Please feel free to contact us!

content.marketing@spryker.com

Spryker Systems GmbH

Heidestraße 9-10

10557 Berlin / Germany

T +49 / 30 / 208 49 83 50

M hello@spryker.com

W spryker.com

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