

Global eCommerce Software Market - Deployment Types, Business Models and Applications

Market Report | 2025-08-04 | 407 pages | Industry Experts

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Report description:

Global eCommerce Software Market Trends and Outlook

The global eCommerce software market is undergoing rapid transformation, driven by a confluence of technological innovation, evolving consumer expectations, and structural shifts in digital commerce models. Valued at approximately US\$8.2 billion in 2024, the market is on track to surpass US\$18.5 billion by 2030, expanding at a CAGR of 14.4%. This growth is largely propelled by the global acceleration of online retail, increasing digital maturity among small and midsize businesses, and enterprise-level investments in omnichannel commerce strategies. From direct-to-consumer (DTC) startups to complex B2B ecosystems, brands are increasingly turning to modular, scalable platforms to power personalized and efficient digital storefronts.

A key enabler of this expansion is the rise of headless and composable commerce. Enterprises are moving away from rigid monolithic architectures in favor of API-first, microservices-based platforms that allow for tailored user experiences, faster innovation cycles, and greater integration flexibility. Cloud deployment remains the dominant model, accounting for over 80% of the global market in 2024, as businesses prioritize agility, cost efficiency, and seamless access to embedded AI capabilities. Intelligent merchandising, predictive inventory, and real-time analytics are now table stakes, with over 65% of software buyers citing AI features as a primary consideration in platform selection.

The surge in global cross-border eCommerce, now comprising more than 22% of total online sales, is also catalyzing demand for platforms with built-in support for multicurrency transactions, localized content, and compliance with regional data protection frameworks. At the same time, eCommerce software providers must navigate rising complexity tied to data privacy regulations such as GDPR, CPRA, and PIPL. These requirements are pushing vendors to embed customer data platforms (CDPs), consent management modules, and regional data residency options into their solutions, adding development overhead but also enhancing competitive differentiation.

eCommerce Software Regional Market Analysis

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North America emerges as the largest regional market for eCommerce software, representing 34.3% of global revenue. The region's dominance is driven by widespread adoption of omnichannel retail solutions, strong DTC brand momentum, and rapid deployment of AI-enhanced personalization across enterprise platforms. Continued demand for unified commerce experiences and seamless integration across storefronts, payments, and inventory systems reinforces North America's leadership position. In terms of growth, Asia-Pacific leads globally with a projected CAGR of 17.9% between 2024 and 2030, reaching US\$6.5 billion by the end of the forecast period. This strong trajectory reflects rising demand for composable commerce architectures, multilingual platforms, and mobile-native experiences. South America ranks as the second-fastest growing region, driven by growing digital retail activity in Brazil and Colombia and increasing adoption of social and mobile commerce platforms.

eCommerce Software Market Analysis by Deployment Type

Cloud-based deployment dominates the market with over 81% of total global revenue in 2024. This overwhelming preference for cloud reflects the industry's shift toward flexibility, faster deployment cycles, and scalability, especially among DTC brands and mid-market retailers. The widespread adoption of SaaS-based platforms offering real-time updates, AI-powered personalization, and seamless integrations across CMS, payment gateways, and inventory systems has further cemented cloud's leadership. Cloud is also the fastest-growing deployment type, projected to expand at a CAGR of 14.9% through 2030, reaching US\$15.4 billion by the end of the forecast period. Growth is being accelerated by demand for composable architectures, API-first design, and integration with third-party services like CDPs and social commerce tools.

eCommerce Software Market Analysis by Business Model

B2B remains the largest segment in the global eCommerce software market, contributing approximately 44.4% of total revenue. This dominance is driven by rapid digitization among manufacturers, wholesalers, and distributors who are transitioning from traditional sales channels to digital portals. Key platform demands include contract-based pricing, bulk ordering capabilities, and seamless ERP integration. The shift toward self-service procurement and tailored workflows continues to drive platform innovation in this segment. B2C follows as the second-largest segment. Digital marketplaces are expected to be the fastest-growing segment, expanding at a CAGR of 16.6% between 2024 and 2030. This acceleration is driven by platformization strategies among retailers, growing participation of third-party sellers, and increasing demand for multi-vendor marketplace capabilities. Embedded tools for vendor onboarding, commission management, and AI-based product discovery are further propelling this growth.

eCommerce Software Market Analysis by Application

Retail and consumer goods constitute the largest application segment, generating approximately US\$3.3 billion in 2024, or about 39.7% of total global market value. This dominance is driven by the high volume of online transactions, omnichannel integration, and continuous investments in headless commerce and AI-driven personalization. The segment continues to benefit from strong platform demand among large retailers and digitally native brands seeking seamless storefront-to-fulfillment orchestration across regions. Food and beverage is poised to be the fastest-growing application area, expanding at a CAGR of 18.4% between 2024 and 2030. The rise of quick-commerce models, mobile-first grocery platforms, and demand for real-time inventory and delivery tracking are accelerating the need for agile and localized ecommerce solutions in this space. Additionally, growing adoption of subscription-based and direct-to-consumer meal services is contributing to the segment's rapid expansion.

eCommerce Software Market Report Scope

This global report on eCommerce Software market analyzes the global and regional market based on Deployment Type, Business Model, and Application for the period 2021-2030 with projection from 2024 to 2030 in terms of value in US\$. In addition to providing profiles of major companies operating in this space, the latest corporate and industrial developments have been

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covered to offer a clear panorama of how and where the market is progressing.

Key Metrics

Historical Period: 2021-2024

Base Year: 2024

Forecast Period: 2024-2030

Units: Value market in US\$

Companies Mentioned: 35+

eCommerce Software Market by Geographic Region

- North America (The United States, Canada and Mexico)
- Europe (Germany, the United Kingdom, France, Italy, the Netherlands, Spain, Russia, Switzerland and Rest of Europe)
- Asia-Pacific (China, Japan, India, Australia, Singapore, South Korea and Rest of Asia-Pacific)
- South America (Brazil, Argentina, Colombia, Chile, Peru and Rest of South America)
- Middle East & Africa (the United Arab Emirates, South Africa, Egypt, Saudi Arabia, Morocco, Kuwait, Qatar and Rest of Middle East & Africa)

eCommerce Software Market by Deployment Type

- Cloud
- On-Premise

eCommerce Software Market by Business Model

- B2B
- B2C
- Digital Marketplace
- Other Business Models

eCommerce Software Market by Application

- Retail & Consumer Goods
- Fashion & Apparel
- Electronics & Appliances
- Food & Beverage
- Health & Beauty
- Automotive & Industrial
- Other End-Uses

Table of Contents:

PART A: GLOBAL MARKET PERSPECTIVE

1. EXECUTIVE SUMMARY

- A Roundup on eCommerce Software
- Market Segmentation for eCommerce Software
 - oDeployment Types
 - oBusiness Models
 - oApplications
- Key Trends in eCommerce Software Market

2. INDUSTRY LANDSCAPE

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- Global eCommerce Software Market Outlook
- Comprehensive eCommerce Software Industry Analysis - Growth Drivers and Inhibitors
 - o□Growth Drivers
 - o□Growth Inhibitors
- Market Entry Strategies for eCommerce Software Industry
- Startup Strategies for eCommerce Software Industry
- SWOT Analysis of eCommerce Software Industry
 - o□Strengths
 - o□Weaknesses
 - o□Opportunities
 - o□Threats
- Porter's Five Forces Analysis
- PESTEL Analysis

3. COMPETITIVE LANDSCAPE

- Market Positioning of Key eCommerce Software Companies
- Market Share Analysis of eCommerce Software Companies
- SWOT Analysis of Key Players in the eCommerce Software Industry
- Key Market Players
 - o□Adobe Commerce
 - o□Amazon
 - o□Big Cartel
 - o□BigCommerce
 - o□Commercetools
 - o□eBay
 - o□Ecwid
 - o□Episerver
 - o□Etsy
 - o□Fabric
 - o□FastSpring
 - o□HCL Technologies Limited
 - o□Intershop Communications AG
 - o□Magento
 - o□Nuvemshop
 - o□OpenCart
 - o□Oracle Commerce Cloud
 - o□Pitney Bowes Inc.
 - o□PrestaShop
 - o□Rokt
 - o□Salesforce Commerce Cloud
 - o□SAP Commerce Cloud
 - o□Shift4Shop
 - o□Shopify
 - o□ShopSite
 - o□Shopware
 - o□Square
 - o□Squarespace
 - o□StoreHippo

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- o□Tray.io
- o□Vendasta
- o□Volusion
- o□VTEX
- o□Vue Storefront
- o□Wix eCommerce
- o□WooCommerce

4. KEY BUSINESS & PRODUCT TRENDS

5. GLOBAL MARKET OVERVIEW

- Global eCommerce Software Market Overview by Deployment Type
- o□eCommerce Software Deployment Type Market Overview by Global Region
- Cloud
- On-Premise
- Global eCommerce Software Market Overview by Business Model
- o□eCommerce Software Business Model Market Overview by Global Region
- B2B
- B2C
- Digital Marketplace
- Other Business Models
- Global eCommerce Software Market Overview by Application
- o□eCommerce Software Application Market Overview by Global Region
- Retail & Consumer Goods
- Fashion & Apparel
- Electronics & Appliances
- Food & Beverage
- Health & Beauty
- Automotive & Industrial
- Other End-Uses

PART B: REGIONAL MARKET PERSPECTIVE

- Global eCommerce Software Market Overview by Geographic Region

REGIONAL MARKET OVERVIEW

6. NORTH AMERICA

- North American eCommerce Software Market Overview by Geographic Region
- North American eCommerce Software Market Overview by Deployment Type
- North American eCommerce Software Market Overview by Business Model
- North American eCommerce Software Market Overview by Application
- Country-wise Analysis of North American eCommerce Software Market

o□THE UNITED STATES

- United States eCommerce Software Market Overview by Deployment Type
- United States eCommerce Software Market Overview by Business Model
- United States eCommerce Software Market Overview by Application

o□CANADA

- Canadian eCommerce Software Market Overview by Deployment Type
- Canadian eCommerce Software Market Overview by Business Model
- Canadian eCommerce Software Market Overview by Application

o□MEXICO

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- [] Mexican eCommerce Software Market Overview by Deployment Type
- [] Mexican eCommerce Software Market Overview by Business Model
- [] Mexican eCommerce Software Market Overview by Application

7. EUROPE

- [] European eCommerce Software Market Overview by Geographic Region
- [] European eCommerce Software Market Overview by Deployment Type
- [] European eCommerce Software Market Overview by Business Model
- [] European eCommerce Software Market Overview by Application
- [] Country-wise Analysis of European eCommerce Software Market

o[] GERMANY

- [] German eCommerce Software Market Overview by Deployment Type
- [] German eCommerce Software Market Overview by Business Model
- [] German eCommerce Software Market Overview by Application

o[] THE UNITED KINGDOM

- [] United Kingdom eCommerce Software Market Overview by Deployment Type
- [] United Kingdom eCommerce Software Market Overview by Business Model
- [] United Kingdom eCommerce Software Market Overview by Application

o[] FRANCE

- [] French eCommerce Software Market Overview by Deployment Type
- [] French eCommerce Software Market Overview by Business Model
- [] French eCommerce Software Market Overview by Application

o[] ITALY

- [] Italian eCommerce Software Market Overview by Deployment Type
- [] Italian eCommerce Software Market Overview by Business Model
- [] Italian eCommerce Software Market Overview by Application

o[] THE NETHERLANDS

- [] Dutch eCommerce Software Market Overview by Deployment Type
- [] Dutch eCommerce Software Market Overview by Business Model
- [] Dutch eCommerce Software Market Overview by Application

o[] SPAIN

- [] Spanish eCommerce Software Market Overview by Deployment Type
- [] Spanish eCommerce Software Market Overview by Business Model
- [] Spanish eCommerce Software Market Overview by Application

o[] RUSSIA

- [] Russian eCommerce Software Market Overview by Deployment Type
- [] Russian eCommerce Software Market Overview by Business Model
- [] Russian eCommerce Software Market Overview by Application

o[] SWITZERLAND

- [] Swiss eCommerce Software Market Overview by Deployment Type
- [] Swiss eCommerce Software Market Overview by Business Model
- [] Swiss eCommerce Software Market Overview by Application

o[] REST OF EUROPE

- [] Rest of Europe eCommerce Software Market Overview by Deployment Type
- [] Rest of Europe eCommerce Software Market Overview by Business Model
- [] Rest of Europe eCommerce Software Market Overview by Application

8. ASIA-PACIFIC

- [] Asia-Pacific eCommerce Software Market Overview by Geographic Region

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- Asia-Pacific eCommerce Software Market Overview by Deployment Type
- Asia-Pacific eCommerce Software Market Overview by Business Model
- Asia-Pacific eCommerce Software Market Overview by Application
- Country-wise Analysis of Asia-Pacific eCommerce Software Market
- o□CHINA
- Chinese eCommerce Software Market Overview by Deployment Type
- Chinese eCommerce Software Market Overview by Business Model
- Chinese eCommerce Software Market Overview by Application
- o□JAPAN
- Japanese eCommerce Software Market Overview by Deployment Type
- Japanese eCommerce Software Market Overview by Business Model
- Japanese eCommerce Software Market Overview by Application
- o□INDIA
- Indian eCommerce Software Market Overview by Deployment Type
- Indian eCommerce Software Market Overview by Business Model
- Indian eCommerce Software Market Overview by Application
- o□AUSTRALIA
- Australia eCommerce Software Market Overview by Deployment Type
- Australia eCommerce Software Market Overview by Business Model
- Australia eCommerce Software Market Overview by Application
- o□SINGAPORE
- Singaporean eCommerce Software Market Overview by Deployment Type
- Singaporean eCommerce Software Market Overview by Business Model
- Singaporean eCommerce Software Market Overview by Application
- o□SOUTH KOREA
- South Korean eCommerce Software Market Overview by Deployment Type
- South Korean eCommerce Software Market Overview by Business Model
- South Korean eCommerce Software Market Overview by Application
- o□REST OF ASIA-PACIFIC
- Rest of Asia-Pacific eCommerce Software Market Overview by Deployment Type
- Rest of Asia-Pacific eCommerce Software Market Overview by Business Model
- Rest of Asia-Pacific eCommerce Software Market Overview by Application
- 9. SOUTH AMERICA
- South American eCommerce Software Market Overview by Geographic Region
- South American eCommerce Software Market Overview by Deployment Type
- South American eCommerce Software Market Overview by Business Model
- South American eCommerce Software Market Overview by Application
- Country-wise Analysis of South American eCommerce Software Market
- o□BRAZIL
- Brazilian eCommerce Software Market Overview by Deployment Type
- Brazilian eCommerce Software Market Overview by Business Model
- Brazilian eCommerce Software Market Overview by Application
- o□ARGENTINA
- Argentine eCommerce Software Market Overview by Deployment Type
- Argentine eCommerce Software Market Overview by Business Model
- Argentine eCommerce Software Market Overview by Application
- o□COLOMBIA

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- []Colombian eCommerce Software Market Overview by Deployment Type
- []Colombian eCommerce Software Market Overview by Business Model
- []Colombian eCommerce Software Market Overview by Application
- o[]CHILE
- []Chilean eCommerce Software Market Overview by Deployment Type
- []Chilean eCommerce Software Market Overview by Business Model
- []Chilean eCommerce Software Market Overview by Application
- o[]PERU
- []Peruvian eCommerce Software Market Overview by Deployment Type
- []Peruvian eCommerce Software Market Overview by Business Model
- []Peruvian eCommerce Software Market Overview by Application
- o[]REST OF SOUTH AMERICA
- []Rest of South America eCommerce Software Market Overview by Deployment Type
- []Rest of South America eCommerce Software Market Overview by Business Model
- []Rest of South America eCommerce Software Market Overview by Application
- 10. MIDDLE EAST & AFRICA
- []Middle East & Africa eCommerce Software Market Overview by Geographic Region
- []Middle East & Africa eCommerce Software Market Overview by Deployment Type
- []Middle East & Africa eCommerce Software Market Overview by Business Model
- []Middle East & Africa eCommerce Software Market Overview by Application
- []Country-wise Analysis of Middle East & Africa eCommerce Software Market
- o[]THE UNITED ARAB EMIRATES
- []United Arab Emirates eCommerce Software Market Overview by Deployment Type
- []United Arab Emirates eCommerce Software Market Overview by Business Model
- []United Arab Emirates eCommerce Software Market Overview by Application
- o[]SOUTH AFRICA
- []South African eCommerce Software Market Overview by Deployment Type
- []South African eCommerce Software Market Overview by Business Model
- []South African eCommerce Software Market Overview by Application
- o[]EGYPT
- []Egyptian eCommerce Software Market Overview by Deployment Type
- []Egyptian eCommerce Software Market Overview by Business Model
- []Egyptian eCommerce Software Market Overview by Application
- o[]SAUDI ARABIA
- []Saudi Arabian eCommerce Software Market Overview by Deployment Type
- []Saudi Arabian eCommerce Software Market Overview by Business Model
- []Saudi Arabian eCommerce Software Market Overview by Application
- o[]MOROCCO
- []Moroccan eCommerce Software Market Overview by Deployment Type
- []Moroccan eCommerce Software Market Overview by Business Model
- []Moroccan eCommerce Software Market Overview by Application
- o[]KUWAIT
- []Kuwaiti eCommerce Software Market Overview by Deployment Type
- []Kuwaiti eCommerce Software Market Overview by Business Model
- []Kuwaiti eCommerce Software Market Overview by Application
- o[]QATAR
- []Qatari eCommerce Software Market Overview by Deployment Type

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- Qatari eCommerce Software Market Overview by Business Model
 - Qatari eCommerce Software Market Overview by Application
 - o□REST OF MIDDLE EAST & AFRICA
 - Rest of Middle East & Africa eCommerce Software Market Overview by Deployment Type
 - Rest of Middle East & Africa eCommerce Software Market Overview by Business Model
 - Rest of Middle East & Africa eCommerce Software Market Overview by Application
- PART C: ANNEXURE
- RESEARCH METHODOLOGY
 - FEEDBACK

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