

E-Prescription Market - Global Industry Size, Share, Trends, Opportunity and Forecast, Segmented By Component (Solutions {Standalone Solutions & Integrated Solutions} & Services), By Mode Of Delivery (On-Premises Solutions & Web/Cloud-based Solutions), By End-User Segment Analysis (Hospitals, Pharmacies & Clinics), By Region & Competition, 2021-2031F

<https://marketpublishers.com/r/E8F64E6C61C2EN.html>

Date: January 2026

Pages: 185

Price: US\$ 4,500.00 (Single User License)

ID: E8F64E6C61C2EN

Abstracts

The Global E-Prescription Market is projected to expand from USD 4.14 Billion in 2025 to USD 12.37 Billion by 2031, achieving a Compound Annual Growth Rate (CAGR) of 20.01%. This market is characterized by the digital creation and transmission of medical prescriptions from healthcare providers directly to pharmacies, a process designed to supersede handwritten orders to minimize interpretation errors and optimize medication dispensing workflows. The primary catalysts propelling this growth include the imperative need to lower adverse drug events for better patient safety and government mandates enforcing digital adoption to improve healthcare interoperability. These drivers represent fundamental structural changes toward regulatory compliance and operational efficiency rather than fleeting market trends.

However, market expansion faces significant obstacles, primarily the intricacy of guaranteeing robust data security and the substantial infrastructure costs required for implementation, especially in developing areas. Issues regarding patient privacy and the compatibility of disconnected systems persist as major barriers. Despite these challenges, adoption metrics demonstrate a heavy reliance on these platforms. As reported by Surescripts, 2.6 billion electronic prescriptions were processed through their

network in 2024, highlighting the immense scale of utilization. This volume underscores the sector's continued momentum even as it navigates the technical complexities associated with secure global deployment.

Market Driver

The enforcement of favorable government mandates and regulatory policies acts as the primary catalyst for the global e-prescription market. Governments globally are implementing digital health standards to ensure interoperability, effectively replacing paper-based workflows with secure electronic systems. These regulations not only necessitate adoption but also establish a vast infrastructure for health data exchange. For instance, the NHS Business Services Authority reported in October 2025 that 1.13 billion items were dispensed via the Electronic Prescription Service (EPS), accounting for 97% of all prescription items in England. Similarly, Surescripts' '2024 Annual Impact Report' from March 2025 noted that their network exchanged 27.2 billion health intelligence transactions in 2024, demonstrating the massive scale facilitated by these regulatory connections.

A second critical driver is the urgent need to minimize medication errors and enhance patient safety. While manual prescribing methods are susceptible to illegibility and misinterpretation, digital alternatives provide automated clinical decision support, such as drug-drug interaction verifications and dosing alerts. These capabilities directly mitigate preventable adverse drug events, which remain a major source of patient harm. Recent clinical research validates these safety benefits; a study published by Taylor & Francis in December 2024 revealed that implementing e-prescribing modifications in a tertiary hospital lowered the overall prescribing error rate from 1.43% to 0.51%. This demonstrated capacity to safeguard patient health ensures that safety remains a primary incentive for continued market investment.

Market Challenge

The complexity of ensuring robust data security and the high infrastructure costs associated with implementation act as significant barriers to the expansion of the Global E-Prescription Market. These financial and technical hurdles create a steep barrier to entry for healthcare providers, disproportionately affecting smaller practices and institutions in developing regions. The substantial investment required to establish secure, interoperable networks forces organizations to divert critical resources from clinical services to cybersecurity infrastructure. Consequently, the high cost of ownership slows the adoption rate, while the persistent threat of cyberattacks erodes

the trust necessary for stakeholders to fully transition from paper-based workflows to digital systems.

This precarious security landscape is emphasized by recent industry data highlighting the vulnerability of health information systems. According to the 'American Hospital Association' in 2025, the protected health information of 259 million Americans had been reported as hacked by the end of 2024. This alarming statistic illustrates the scale of the security risks that e-prescription platforms must mitigate. The necessity to defend against such widespread vulnerabilities drives up implementation costs and complicates the deployment of seamless global solutions, thereby restricting the market's potential for rapid scalability.

Market Trends

The automation of Electronic Prior Authorization (ePA) workflows is reshaping the market by replacing laborious manual processes with real-time, algorithmic approvals. This trend directly addresses the administrative bottlenecks that delay patient access to medication, advancing beyond simple digitization toward fully "touchless" adjudication. By integrating payer criteria directly into the prescribing workflow, providers can receive instant determinations, significantly reducing the time spent on phone calls and faxes. Surescripts highlighted this efficiency in their March 2025 '2024 Annual Impact Report,' noting that Touchless Prior Authorization capabilities lowered the average approval time from over an hour to merely 34 seconds, demonstrating the profound efficiency gains achievable through advanced automation.

Simultaneously, the integration of Artificial Intelligence for Clinical Decision Support is enhancing the accuracy and speed of prescription generation. AI algorithms are increasingly deployed to interpret unstructured clinical data and automate complex tasks such as translating narrative instructions into structured codes, thereby minimizing human error and manual entry fatigue. This technological evolution allows systems to intelligently predict and populate prescription details, ensuring higher data integrity for pharmacies. As evidenced in a July 2025 press release regarding Hackensack Meridian Health's partnership with DrFirst, the deployment of clinical-grade AI enabled the system to automatically map 86% of sigs (patient instructions) across a sample of 300,000 medications, validating the capability of AI to streamline high-volume prescribing operations.

Key Market Players

Cerner Corporation

Allscripts Healthcare Solutions, Inc.

Epic Systems Corporation

McKesson Corporation

eClinicalWorks LLC

GE Healthcare

NextGen Healthcare, Inc.

DrFirst, Inc.

Greenway Health, LLC

Practice Fusion, Inc.

Report Scope

In this report, the Global E-Prescription Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

E-Prescription Market, By Component

Solutions

Services

E-Prescription Market, By Mode Of Delivery

On-Premises Solutions

Web/Cloud-based Solutions

E-Prescription Market, By End-User Segment Analysis

Hospitals

Pharmacies & Clinics

E-Prescription Market, By Region

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global E-Prescription Market.

Available Customizations:

Global E-Prescription Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

Contents

1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, Trends

4. VOICE OF CUSTOMER

5. GLOBAL E-PRESCRIPTION MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Component (Solutions {Standalone Solutions & Integrated Solutions} & Services)
 - 5.2.2. By Mode Of Delivery (On-Premises Solutions & Web/Cloud-based Solutions)
 - 5.2.3. By End-User Segment Analysis (Hospitals, Pharmacies & Clinics)

- 5.2.4. By Region
- 5.2.5. By Company (2025)
- 5.3. Market Map

6. NORTH AMERICA E-PRESCRIPTION MARKET OUTLOOK

- 6.1. Market Size & Forecast
 - 6.1.1. By Value
- 6.2. Market Share & Forecast
 - 6.2.1. By Component
 - 6.2.2. By Mode Of Delivery
 - 6.2.3. By End-User Segment Analysis
 - 6.2.4. By Country
- 6.3. North America: Country Analysis
 - 6.3.1. United States E-Prescription Market Outlook
 - 6.3.1.1. Market Size & Forecast
 - 6.3.1.1.1. By Value
 - 6.3.1.2. Market Share & Forecast
 - 6.3.1.2.1. By Component
 - 6.3.1.2.2. By Mode Of Delivery
 - 6.3.1.2.3. By End-User Segment Analysis
 - 6.3.2. Canada E-Prescription Market Outlook
 - 6.3.2.1. Market Size & Forecast
 - 6.3.2.1.1. By Value
 - 6.3.2.2. Market Share & Forecast
 - 6.3.2.2.1. By Component
 - 6.3.2.2.2. By Mode Of Delivery
 - 6.3.2.2.3. By End-User Segment Analysis
 - 6.3.3. Mexico E-Prescription Market Outlook
 - 6.3.3.1. Market Size & Forecast
 - 6.3.3.1.1. By Value
 - 6.3.3.2. Market Share & Forecast
 - 6.3.3.2.1. By Component
 - 6.3.3.2.2. By Mode Of Delivery
 - 6.3.3.2.3. By End-User Segment Analysis

7. EUROPE E-PRESCRIPTION MARKET OUTLOOK

- 7.1. Market Size & Forecast

- 7.1.1. By Value
- 7.2. Market Share & Forecast
 - 7.2.1. By Component
 - 7.2.2. By Mode Of Delivery
 - 7.2.3. By End-User Segment Analysis
 - 7.2.4. By Country
- 7.3. Europe: Country Analysis
 - 7.3.1. Germany E-Prescription Market Outlook
 - 7.3.1.1. Market Size & Forecast
 - 7.3.1.1.1. By Value
 - 7.3.1.2. Market Share & Forecast
 - 7.3.1.2.1. By Component
 - 7.3.1.2.2. By Mode Of Delivery
 - 7.3.1.2.3. By End-User Segment Analysis
 - 7.3.2. France E-Prescription Market Outlook
 - 7.3.2.1. Market Size & Forecast
 - 7.3.2.1.1. By Value
 - 7.3.2.2. Market Share & Forecast
 - 7.3.2.2.1. By Component
 - 7.3.2.2.2. By Mode Of Delivery
 - 7.3.2.2.3. By End-User Segment Analysis
 - 7.3.3. United Kingdom E-Prescription Market Outlook
 - 7.3.3.1. Market Size & Forecast
 - 7.3.3.1.1. By Value
 - 7.3.3.2. Market Share & Forecast
 - 7.3.3.2.1. By Component
 - 7.3.3.2.2. By Mode Of Delivery
 - 7.3.3.2.3. By End-User Segment Analysis
 - 7.3.4. Italy E-Prescription Market Outlook
 - 7.3.4.1. Market Size & Forecast
 - 7.3.4.1.1. By Value
 - 7.3.4.2. Market Share & Forecast
 - 7.3.4.2.1. By Component
 - 7.3.4.2.2. By Mode Of Delivery
 - 7.3.4.2.3. By End-User Segment Analysis
 - 7.3.5. Spain E-Prescription Market Outlook
 - 7.3.5.1. Market Size & Forecast
 - 7.3.5.1.1. By Value
 - 7.3.5.2. Market Share & Forecast

- 7.3.5.2.1. By Component
- 7.3.5.2.2. By Mode Of Delivery
- 7.3.5.2.3. By End-User Segment Analysis

8. ASIA PACIFIC E-PRESCRIPTION MARKET OUTLOOK

- 8.1. Market Size & Forecast
 - 8.1.1. By Value
- 8.2. Market Share & Forecast
 - 8.2.1. By Component
 - 8.2.2. By Mode Of Delivery
 - 8.2.3. By End-User Segment Analysis
 - 8.2.4. By Country
- 8.3. Asia Pacific: Country Analysis
 - 8.3.1. China E-Prescription Market Outlook
 - 8.3.1.1. Market Size & Forecast
 - 8.3.1.1.1. By Value
 - 8.3.1.2. Market Share & Forecast
 - 8.3.1.2.1. By Component
 - 8.3.1.2.2. By Mode Of Delivery
 - 8.3.1.2.3. By End-User Segment Analysis
 - 8.3.2. India E-Prescription Market Outlook
 - 8.3.2.1. Market Size & Forecast
 - 8.3.2.1.1. By Value
 - 8.3.2.2. Market Share & Forecast
 - 8.3.2.2.1. By Component
 - 8.3.2.2.2. By Mode Of Delivery
 - 8.3.2.2.3. By End-User Segment Analysis
 - 8.3.3. Japan E-Prescription Market Outlook
 - 8.3.3.1. Market Size & Forecast
 - 8.3.3.1.1. By Value
 - 8.3.3.2. Market Share & Forecast
 - 8.3.3.2.1. By Component
 - 8.3.3.2.2. By Mode Of Delivery
 - 8.3.3.2.3. By End-User Segment Analysis
 - 8.3.4. South Korea E-Prescription Market Outlook
 - 8.3.4.1. Market Size & Forecast
 - 8.3.4.1.1. By Value
 - 8.3.4.2. Market Share & Forecast

- 8.3.4.2.1. By Component
- 8.3.4.2.2. By Mode Of Delivery
- 8.3.4.2.3. By End-User Segment Analysis
- 8.3.5. Australia E-Prescription Market Outlook
 - 8.3.5.1. Market Size & Forecast
 - 8.3.5.1.1. By Value
 - 8.3.5.2. Market Share & Forecast
 - 8.3.5.2.1. By Component
 - 8.3.5.2.2. By Mode Of Delivery
 - 8.3.5.2.3. By End-User Segment Analysis

9. MIDDLE EAST & AFRICA E-PRESCRIPTION MARKET OUTLOOK

- 9.1. Market Size & Forecast
 - 9.1.1. By Value
- 9.2. Market Share & Forecast
 - 9.2.1. By Component
 - 9.2.2. By Mode Of Delivery
 - 9.2.3. By End-User Segment Analysis
 - 9.2.4. By Country
- 9.3. Middle East & Africa: Country Analysis
 - 9.3.1. Saudi Arabia E-Prescription Market Outlook
 - 9.3.1.1. Market Size & Forecast
 - 9.3.1.1.1. By Value
 - 9.3.1.2. Market Share & Forecast
 - 9.3.1.2.1. By Component
 - 9.3.1.2.2. By Mode Of Delivery
 - 9.3.1.2.3. By End-User Segment Analysis
 - 9.3.2. UAE E-Prescription Market Outlook
 - 9.3.2.1. Market Size & Forecast
 - 9.3.2.1.1. By Value
 - 9.3.2.2. Market Share & Forecast
 - 9.3.2.2.1. By Component
 - 9.3.2.2.2. By Mode Of Delivery
 - 9.3.2.2.3. By End-User Segment Analysis
 - 9.3.3. South Africa E-Prescription Market Outlook
 - 9.3.3.1. Market Size & Forecast
 - 9.3.3.1.1. By Value
 - 9.3.3.2. Market Share & Forecast

- 9.3.3.2.1. By Component
- 9.3.3.2.2. By Mode Of Delivery
- 9.3.3.2.3. By End-User Segment Analysis

10. SOUTH AMERICA E-PRESCRIPTION MARKET OUTLOOK

- 10.1. Market Size & Forecast
 - 10.1.1. By Value
- 10.2. Market Share & Forecast
 - 10.2.1. By Component
 - 10.2.2. By Mode Of Delivery
 - 10.2.3. By End-User Segment Analysis
 - 10.2.4. By Country
- 10.3. South America: Country Analysis
 - 10.3.1. Brazil E-Prescription Market Outlook
 - 10.3.1.1. Market Size & Forecast
 - 10.3.1.1.1. By Value
 - 10.3.1.2. Market Share & Forecast
 - 10.3.1.2.1. By Component
 - 10.3.1.2.2. By Mode Of Delivery
 - 10.3.1.2.3. By End-User Segment Analysis
 - 10.3.2. Colombia E-Prescription Market Outlook
 - 10.3.2.1. Market Size & Forecast
 - 10.3.2.1.1. By Value
 - 10.3.2.2. Market Share & Forecast
 - 10.3.2.2.1. By Component
 - 10.3.2.2.2. By Mode Of Delivery
 - 10.3.2.2.3. By End-User Segment Analysis
 - 10.3.3. Argentina E-Prescription Market Outlook
 - 10.3.3.1. Market Size & Forecast
 - 10.3.3.1.1. By Value
 - 10.3.3.2. Market Share & Forecast
 - 10.3.3.2.1. By Component
 - 10.3.3.2.2. By Mode Of Delivery
 - 10.3.3.2.3. By End-User Segment Analysis

11. MARKET DYNAMICS

- 11.1. Drivers

11.2. Challenges

12. MARKET TRENDS & DEVELOPMENTS

12.1. Merger & Acquisition (If Any)

12.2. Product Launches (If Any)

12.3. Recent Developments

13. GLOBAL E-PRESCRIPTION MARKET: SWOT ANALYSIS

14. PORTER'S FIVE FORCES ANALYSIS

14.1. Competition in the Industry

14.2. Potential of New Entrants

14.3. Power of Suppliers

14.4. Power of Customers

14.5. Threat of Substitute Products

15. COMPETITIVE LANDSCAPE

15.1. Cerner Corporation

15.1.1. Business Overview

15.1.2. Products & Services

15.1.3. Recent Developments

15.1.4. Key Personnel

15.1.5. SWOT Analysis

15.2. Allscripts Healthcare Solutions, Inc.

15.3. Epic Systems Corporation

15.4. McKesson Corporation

15.5. eClinicalWorks LLC

15.6. GE Healthcare

15.7. NextGen Healthcare, Inc.

15.8. DrFirst, Inc.

15.9. Greenway Health, LLC

15.10. Practice Fusion, Inc.

16. STRATEGIC RECOMMENDATIONS

17. ABOUT US & DISCLAIMER

I would like to order

Product name: E-Prescription Market - Global Industry Size, Share, Trends, Opportunity and Forecast, Segmented By Component (Solutions {Standalone Solutions & Integrated Solutions} & Services), By Mode Of Delivery (On-Premises Solutions & Web/Cloud-based Solutions), By End-User Segment Analysis (Hospitals, Pharmacies & Clinics), By Region & Competition, 2021-2031F

Product link: <https://marketpublishers.com/r/E8F64E6C61C2EN.html>

Price: US\$ 4,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/E8F64E6C61C2EN.html>