

# Comparing Top 10 Specialty Pharmacy Management Platforms

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specialty pharmacy

pharmacy management software

clinical workflow automation

ai in pharmacy

prior authorization

patient engagement platform

health informatics



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# Top 10 Specialty Pharmacy Clinical Management Platforms

Specialty pharmacy – the management of high-cost, complex therapies – has exploded in recent years. U.S. specialty drug spending grew from about **\$98B in 2010 to \$178B in 2015**, and retail, mail, long-term care, and specialty pharmacies collectively dispensed an estimated **\$265 billion in specialty pharmaceuticals in 2024** – an 8.0% increase over the prior year (<sup>[1]</sup> [academic.oup.com](https://academic.oup.com)). Specialty medicines are projected to represent **43% of global pharmaceutical spending by 2028** and more than 55% of total spending in leading developed markets like the United States (<sup>[2]</sup> [www.carelonrx.com](https://www.carelonrx.com)). Such growth is driven by precision medicines, cell and gene therapies, and chronic treatments that demand intense clinical support. To handle these demands, pharmacies are adopting specialized **clinical management platforms**. These all-in-one software systems integrate dispensing workflow, **patient analytics**, automated prior authorization, and communication tools under one roof, helping pharmacists coordinate care and streamline operations. The pharmacy management system market is expected to reach **\$101 billion in 2025** and grow at a 15.5% CAGR to over **\$207 billion by 2030**, with cloud deployment already holding more than 63% market share (<sup>[3]</sup> [www.mordorintelligence.com](https://www.mordorintelligence.com)). Below we highlight ten leading specialty pharmacy platforms – from established enterprise systems to new AI-enabled solutions – that exemplify this trend.

## WellSky CareTend

(<sup>[4]</sup> [pixabay.com](https://pixabay.com)) *Illustration of a pharmacist managing specialty medication workflows on a digital platform (image: pharmacy management concept).*

WellSky's **CareTend** is an all-in-one specialty pharmacy management system designed to handle compliance and complex workflows (<sup>[5]</sup> [wellsky.com](https://wellsky.com)). It provides real-time dispensing queues and analytics so orders don't fall through the cracks, and accelerates intake by identifying and resolving processing issues before they occur. WellSky describes CareTend as "the industry's most trusted specialty pharmacy software," reflecting its wide adoption among large pharmacies (<sup>[5]</sup> [wellsky.com](https://wellsky.com)). Key features include built-in accreditation tracking, **revenue cycle management**, customizable dashboards, weight-based dosing, real-time inventory control, and business intelligence – all tailored for the unique needs of specialty drug programs. In early 2026, WellSky launched new **AI capabilities** to automate and scale referral intake, continuing a product roadmap focused on leveraging artificial intelligence across home infusion, specialty pharmacy, and DME workflows (<sup>[6]</sup> [wellsky.com](https://wellsky.com)). Nearly 70% of WellSky's clients using CareTend migrated from the legacy CPR+ platform, underscoring CareTend's maturity as the company's flagship specialty solution.

## McKesson EnterpriseRx Specialty Solution

McKesson's **EnterpriseRx Specialty Solution** extends its base pharmacy management system to tackle the "high-touch, complex, and risk-intense" workflows of specialty care (<sup>[7]</sup> [www.mckessonpharmacysystems.com](https://www.mckessonpharmacysystems.com)). It seamlessly integrates clinical content and case management so that prescriptions are automatically paused or held until all specialty requirements (e.g. clinical review, enrollment steps) are satisfied (<sup>[7]</sup> [www.mckessonpharmacysystems.com](https://www.mckessonpharmacysystems.com)). This ensures that pharmacists follow the necessary protocols before dispensing each therapy. The platform automates task assignments, follow-up tracking, and documentation for specialty patients, freeing pharmacists to focus on patient care rather than paperwork. In 2025, McKesson expanded its specialty footprint by launching **Specialty and Infusion for Health Systems**, a comprehensive solution comprising two suites – Specialty Pharmacy Enablement and Infusion for

Health Systems – designed to help hospitals start, grow, and scale their in-house specialty pharmacy and infusion programs (<sup>[8]</sup> [www.mckesson.com](http://www.mckesson.com)). This positions EnterpriseRx Specialty as part of a broader ecosystem for health-system pharmacy management.

## PrimeRx Specialty

PrimeRx, developed by Micro Merchant Systems with over 30 years in the independent pharmacy market, is a flexible pharmacy management system that emphasizes specialty workflows. It “provides specialty pharmacies with a technology solution for their unique record-keeping, patient care, and analytical needs” (<sup>[9]</sup> [www.primex.io](http://www.primex.io)). PrimeRx supports highly customizable, parallel workflows so that specialty prescriptions (injectables, biologics, etc.) are processed under a tailored protocol while retail scripts follow a standard path (<sup>[9]</sup> [www.primex.io](http://www.primex.io)). Key components include advanced patient charting, batch fill management, and integrated analytics. The system offers features to handle accreditation (URAC/ACHC) and payer requirements automatically, as well as tools like electronic refill reminders to boost adherence. PrimeRx now offers multiple deployment models – **PrimeRx Enterprise**, **PrimeRx CLOUD**, and **PrimeRx MARKET** – giving pharmacies flexibility to choose on-premise or cloud-based setups. The company held its inaugural **Xplore 2025** user conference in October 2025, signaling growing community engagement. In short, PrimeRx gives in-house and independent specialty pharmacies a single platform to manage everything from complex clinical assessments to reporting and outcomes tracking (<sup>[9]</sup> [www.primex.io](http://www.primex.io)).

## Inovalon ScriptMed Cloud (Specialty)

Inovalon’s **ScriptMed Specialty** (part of the Inovalon ONE® platform) is a cloud-native pharmacy platform built for specialty and infusion pharmacies. ScriptMed includes data visualization, claims adjudication, clinical decision support, and analytics – all in a unified SaaS environment. According to Inovalon, it is “the only cloud-native solution designed to meet specialty and infusion pharmacies’ clinical, financial, and operational needs” (<sup>[10]</sup> [www.inovalon.com](http://www.inovalon.com)). In January 2025, **New England Life Care** selected ScriptMed Infusion to optimize its home infusion operations, underscoring continued adoption among large pharmacy organizations (<sup>[11]</sup> [www.inovalon.com](http://www.inovalon.com)). In February 2026, Inovalon was named an **Oracle Global Leaders Champion** for scaling ScriptMed on Oracle Autonomous AI Database and Oracle Cloud Infrastructure (OCI), reflecting the platform’s enterprise-grade architecture and AI-driven transaction processing capabilities (<sup>[12]</sup> [www.prnewswire.com](http://www.prnewswire.com)). In practice, this means pharmacies using ScriptMed can streamline end-to-end prescription management (referrals, lab checks, drug purchasing) while tracking performance and outcomes through integrated intelligence.

## House Rx

House Rx is an AI-driven platform focused on **in-clinic specialty pharmacies** (hospital or cancer clinics with in-house dispensing). It has introduced a **generative AI** prior-authorization tool (“Smart PA”) that pre-fills payer questionnaires from patient records, making prior authorizations **80% automated**. According to House Rx, clinics can generate PA responses in ~15 seconds and submit them in under 60 seconds, achieving a **92% first-pass approval rate** (<sup>[13]</sup> [www.prnewswire.com](http://www.prnewswire.com)). This dramatically cuts wait times: clinics using House Rx report an average time-to-fill of about 3.5 days for specialty drugs, versus an industry average of 15.5 days (<sup>[13]</sup> [www.prnewswire.com](http://www.prnewswire.com)). In November 2025, House Rx raised **\$55 million in Series B** funding led by New Enterprise Associates (NEA) and Town Hall Ventures, bringing total capital raised to **\$100 million** (<sup>[14]</sup> [www.prnewswire.com](http://www.prnewswire.com)). The company now processes approximately **\$1.5 billion in specialty scripts annually** across more than 1,000 providers at 80 clinic sites, with volume expected to reach \$3 billion by end of 2026. House Rx was also recognized by *Time Magazine* as one of the **World’s Top HealthTech Companies of 2025**. By automating laborious tasks (from PA to scheduling), it aims to give providers and pharmacists more time for patient care (<sup>[14]</sup> [www.prnewswire.com](http://www.prnewswire.com)).

## Mandolin

Mandolin offers an **AI-driven automation platform** specifically for specialty therapy administration. Co-founded in 2024 by Will Yin and Rohit Rustagi, the San Francisco-based company acts as a digital back-office employee: reading faxes, navigating payer portals, and performing data entry – all without human intervention. Mandolin's AI agents handle referral intake, benefits eligibility verification, out-of-pocket cost estimation, prior authorization preparation, claims status updates, and appeals automation (<sup>[15]</sup> [www.mandolin.com](http://www.mandolin.com)). In June 2025, Mandolin raised **\$40 million** in funding from Greylock Partners, SignalFire, Maverick, and SV Angel to accelerate its AI automation for specialty drug access (<sup>[16]</sup> [www.businesswire.com](http://www.businesswire.com)). Since launching in January 2025, Mandolin has been deployed in over **700 clinic locations** and supports more than **250,000 new patients annually**. The company reports a **24x improvement in speed**: workflows that previously took over an hour per document now complete in about 3 minutes, with end-to-end turnaround under 2 hours (<sup>[17]</sup> [www.mandolin.com](http://www.mandolin.com)). In effect, it ensures patients move through the specialty pharmacy pipeline more smoothly while helping high-volume specialty providers expand capacity and reduce errors.

## Lamar Health

Lamar Health has built a specialty-focused **AI automation platform** that integrates deeply with clinical workflows. Founded in 2021 by former CoverMyMeds executives and Stanford engineers, Lamar's system learns and connects to all major EHRs/PBM systems to automate prior authorizations. In March 2025, Lamar formed a strategic partnership with **Uptiv Health** (an infusion care provider) to “automate complex administrative tasks in the prior authorization process,” thereby slashing labor costs and time from referral to treatment (<sup>[18]</sup> [hlth.com](http://hlth.com)) (<sup>[19]</sup> [www.lamarhealth.com](http://www.lamarhealth.com)). Uptiv Health's CEO noted the partnership “allows us to allocate resources away from administrative burdens and toward creating exceptional patient experiences” (<sup>[19]</sup> [www.lamarhealth.com](http://www.lamarhealth.com)). The platform provides real-time feedback on payer policies and a unified dashboard for submission status. Its design goal is to “prevent patients from falling through the cracks” by creating safeguards and rules-based checks so that referrals, lab orders, and medication orders all proceed without manual oversight (unless an exception arises). Backed by Y Combinator, Lamar Health continues to expand its reach in the specialty pharmacy AI space (<sup>[20]</sup> [www.lamarhealth.com](http://www.lamarhealth.com)).

## EmpiRx Health (Clinically™ Platform)

EmpiRx Health (a PBM) has introduced **Clinically™**, an AI-powered “pharmacy care platform” that combines claims adjudication, clinical review, and population-health analytics in one system (<sup>[21]</sup> [www.empirxhealth.com](http://www.empirxhealth.com)). While aimed at PBMs, Clinically exemplifies specialty pharmacy trends: it gives pharmacists a comprehensive, unified view of each patient's therapy – streamlining data from labs, prescriptions, and patient touchpoints. Built on the Johns Hopkins ACG risk-stratification model, the platform uses AI-powered predictive modeling to enable pharmacists to make optimal clinical decisions, especially for patients requiring complex care (<sup>[21]</sup> [www.empirxhealth.com](http://www.empirxhealth.com)). At the heart of EmpiRx's approach is a **Medication Optimization** operating model: in-house pharmacists deploy a custom-built Population Health Engine integrated in the Clinically platform, with risk-stratified rules to identify intervention opportunities (<sup>[22]</sup> [chaindrugreview.com](http://chaindrugreview.com)). In 2025, EmpiRx was selected by **Giant Eagle**, a major supermarket and pharmacy retailer, to manage pharmacy benefits for its workforce. Although not a retail pharmacy system per se, its focus on clinically-driven workflows and advanced decision support mirrors what specialty pharmacies seek to achieve: closing care gaps and ensuring therapy success through better intelligence.

## Bayvrio (Pharmacy Marketplace Platform)

Bayvrio's platform takes a different angle: it's a **pharmacy benefit design marketplace** built on advanced technology (<sup>[23]</sup> [www.bayvrio.com](http://www.bayvrio.com)). Launched in August 2025, Bayvrio allows payers and PBMs to cherry-pick best-in-class specialty

pharmacy services and vendors and “plug them into their own unified platform.” In other words, rather than a single monolithic system, organizations can assemble customized solutions (e.g. rebates and dispensing networks, integrated cash programs, copay assistance, formularies, clinical solutions) through one interoperable architecture <sup>(123)</sup> [www.bayvrio.com](http://www.bayvrio.com)). In March 2025, **MedImpact Holdings** – which serves more than 20 million members and manages \$40 billion in annual transactions – made a strategic investment in Bayvrio to accelerate marketplace development and launch <sup>(124)</sup> [www.medimpact.com](http://www.medimpact.com)). The marketplace has since expanded into biosimilars: an unbranded biosimilar ustekinumab-aekn became available through the Bayvrio Marketplace starting January 2026 <sup>(125)</sup> [www.bayvrio.com](http://www.bayvrio.com)). For specialty pharmacies, Bayvrio’s approach highlights the trend towards modular, cloud-based platforms: pharmacies can participate in these marketplaces or offer components that plug into a larger tech ecosystem.

## CassianRx (Patient Engagement Platform)

CassianRx offers a **specialty pharmacy-focused patient engagement platform** – effectively a “digital patient engagement twin” for specialty programs <sup>(126)</sup> [www.cassianrx.com](http://www.cassianrx.com)). It automates communication, education, and support across the patient’s entire specialty journey. For example, Lumicera Health (a Navitus-owned specialty pharmacy) partnered with CassianRx to deploy an “intelligent patient engagement platform” that uses data-driven insights to tailor care and reduce administrative burden <sup>(127)</sup> [www.businesswire.com](http://www.businesswire.com)). In practice, CassianRx’s platform can handle enrolment, medication synchronization, refill reminders, and outcome tracking in one system. According to its founders, CassianRx’s tools deliver “industry-leading engagement paradigms” that have achieved “groundbreaking results” in adherence and satisfaction <sup>(126)</sup> [www.cassianrx.com](http://www.cassianrx.com)). While slightly different from dispensing software, CassianRx fills a critical niche: with specialty therapies requiring intensive patient support, a unified engagement platform can measurably improve outcomes and reimbursements by closing communication gaps <sup>(127)</sup> [www.businesswire.com](http://www.businesswire.com) <sup>(126)</sup> [www.cassianrx.com](http://www.cassianrx.com)).

**Summary:** These platforms illustrate how technology is reshaping specialty pharmacy. Traditional pharmacy systems like WellSky CareTend, McKesson EnterpriseRx, and PrimeRx focus on integrating dispensing and reporting under one roof. Others – such as Inovalon’s ScriptMed, Mandolin, Lamar Health, and House Rx – apply cloud computing and AI to automate the most cumbersome tasks (claims, authorizations, referrals). The scale of investment is notable: House Rx raised \$55M and Mandolin secured \$40M in 2025 alone, reflecting strong venture confidence in AI-driven pharmacy automation. Bayvrio and Clinically show that modular, data-driven architectures are emerging for payers and pharmacies alike. Finally, patient-centered platforms like CassianRx underscore the emphasis on engagement and adherence. Together, these “top 10” solutions reflect a broader trend: as specialty drugs approach \$265 billion in annual U.S. spending and the pharmacy management system market surpasses \$100 billion, dedicated clinical management platforms are critical for streamlining operations, ensuring compliance, and ultimately improving patient outcomes.

**Sources:** Industry news releases, vendor sites, and expert coverage of specialty pharmacy technology <sup>(5)</sup> [wellsky.com](http://wellsky.com) <sup>(7)</sup> [www.mckessonpharmacysystems.com](http://www.mckessonpharmacysystems.com) <sup>(9)</sup> [www.primerx.io](http://www.primerx.io) <sup>(10)</sup> [www.inovalon.com](http://www.inovalon.com) <sup>(14)</sup> [www.prnewswire.com](http://www.prnewswire.com) <sup>(15)</sup> [www.mandolin.com](http://www.mandolin.com) <sup>(16)</sup> [www.businesswire.com](http://www.businesswire.com) <sup>(18)</sup> [hlth.com](http://hlth.com) <sup>(19)</sup> [www.lamarhealth.com](http://www.lamarhealth.com) <sup>(21)</sup> [www.empirxhealth.com](http://www.empirxhealth.com) <sup>(23)</sup> [www.bayvrio.com](http://www.bayvrio.com) <sup>(24)</sup> [www.medimpact.com](http://www.medimpact.com) <sup>(28)</sup> [www.businesswire.com](http://www.businesswire.com) <sup>(29)</sup> [www.cassianrx.com](http://www.cassianrx.com) <sup>(1)</sup> [academic.oup.com](http://academic.oup.com) <sup>(3)</sup> [www.mordorintelligence.com](http://www.mordorintelligence.com)).

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## External Sources

[1] <https://academic.oup.com/ajhp/article/82/14/806/8117945>

[2] <https://www.carelonrx.com/perspectives/specialty-drug-growth>

- [ 3] <https://www.mordorintelligence.com/industry-reports/pharmacy-management-system-market>
- [ 4] <https://pixabay.com/photos/medical-medicine-pharmacy-1454513/>
- [ 5] <https://wellsky.com/specialty-pharmacy/>
- [ 6] <https://wellsky.com/blog/>
- [ 7] <https://www.mckessonpharmacysystems.com/solutions/specialty-care>
- [ 8] <https://www.mckesson.com/health-systems/prescribed-perspectives/mckesson-announces-launch-of-specialty-and-infusion-for-health-systems/>
- [ 9] <https://www.primerx.io/specialty-pharmacy-management/>
- [10] <https://www.inovalon.com/products/pharmacy-cloud/scriptmed-specialty/>
- [11] <https://www.inovalon.com/news/new-england-life-care-selects-inovalons-scriptmed-to-scale-infusion-therapy-and-specialty-pharmacy/>
- [12] <https://www.prnewswire.com/news-releases/inovalon-named-global-leaders-champion-for-scaling-scriptmed-on-oracle-ai-database-to-power-pharmacy-operations-302685762.html>
- [13] <https://www.prnewswire.com/news-releases/house-rx-announces-first-ai-enabled-pharmacy-management-platform-302439874.html>
- [14] <https://www.prnewswire.com/news-releases/house-rx-raises-55-million-to-scale-in-clinic-specialty-pharmacy-model-302612560.html>
- [15] <https://www.mandolin.com/>
- [16] [https://www.businesswire.com/news/home/20250625104094/en/Mandolin-Raises-\\$40M-to-Improve-Access-to-Life-Saving-Therapies-for-Diseases-like-Cancer-and-Alzheimers-Using-AI-Agents](https://www.businesswire.com/news/home/20250625104094/en/Mandolin-Raises-$40M-to-Improve-Access-to-Life-Saving-Therapies-for-Diseases-like-Cancer-and-Alzheimers-Using-AI-Agents)
- [17] <https://www.mandolin.com/post/40-million-to-obliterate-specialty-drug-paperwork>
- [18] <https://hlth.com/insights/news/uptiv-health-leverages-lamar-health-s-ai-to-revolutionize-specialty-medication-workflows-2025-03-27>
- [19] <https://www.lamarhealth.com/news-and-insights/uptiv-health-partner>
- [20] <https://www.lamarhealth.com/>
- [21] <https://www.empirxhealth.com/clinically-platform/>
- [22] <https://chaindrugreview.com/empirx-health-transforms-the-pbm-industry-again-with-launch-of-industry-leading-medication-optimization-operating-model/>
- [23] <https://www.bayvrio.com/bayvrio-launches-a-first-of-its-kind-marketplace-that-provides-healthcare-payers-with-greater-choice-flexibility-and-control>
- [24] <https://www.medimpact.com/clients/resources/press-releases/medimpact-investment-bayvrio-accelerates-development-and-launch>
- [25] <https://www.bayvrio.com/insights/unbranded-biosimilar-expanding-payer-choice-access-and-affordability>
- [26] <https://www.cassianrx.com/specialty-pharmacy#:~:Cassi...>
- [27] <https://www.businesswire.com/news/home/20220119005242/en/Lumicera-Health-Services-and-CassianRx-Form-Strategic-Partnership-to-Deploy-Intelligent-Patient-Engagement-Platform#:~:By%20...>
- [28] <https://www.businesswire.com/news/home/20220119005242/en/Lumicera-Health-Services-and-CassianRx-Form-Strategic-Partnership-to-Deploy-Intelligent-Patient-Engagement-Platform>
- [29] <https://www.cassianrx.com/specialty-pharmacy>

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