

SOLUTION BRIEF

Electronic Prescribing of Controlled Substances (EPCS)

Secure, seamless, and compliant e-prescribing for controlled substances—trusted by leading EHR vendors. ProviderPass makes it easy for EHR vendors to deliver secure, DEA-compliant e-prescribing for controlled substances—without disrupting the provider experience.

SOLUTION BRIEF | EPCS



EXECUTIVE SUMMARY

Compliance Without Compromise: Secure EPCS That Keeps Providers Moving

ProviderPass is Exostar's turnkey solution for Electronic Prescribing of Controlled Substances (EPCS), purpose-built for Electronic Health Record (EHR) and Electronic Medical Record (EMR) vendors. It ensures compliance with DEA regulations through robust identity proofing, strong two-factor authentication, and secure digital signatures—all while delivering a frictionless experience for providers.

Backed by Exostar's 20+ years of identity management experience and Kantara/NIST certifications, ProviderPass is trusted by industry leaders like eClinicalWorks and Patient First. With over 150,000 doctors and more than a billion prescriptions processed annually, ProviderPass simplifies integration, strengthens security, and ensures you stay audit ready.



THE CHALLENGE

Why EHR Vendors Struggle to Deliver DEA-Compliant EPCS at Scale

Implementing a compliant and user-friendly EPCS solution presents significant hurdles for EHR vendors:

EHR VENDORS FACE THE FOLLOWING CHALLENGES:

-  **Identity Proofing Complexity:** Identity verification at IAL2 is required by the DEA but difficult to implement without specialized expertise.
-  **Digital Signature Application:** EHR platforms often lack native support for secure, tamper-proof digital signatures.
-  **DEA Compliance:** Ensuring adherence to DEA and NIST 800-63-3 standards for identity assurance and signing processes is technically challenging.
-  **User Experience:** Maintaining a seamless provider workflow while meeting strict security standards is a delicate balance.
-  **Integration Time & Cost:** Existing solutions can be complex to integrate, disrupting development timelines and customer satisfaction.



THE SOLUTION

ProviderPass – The Industry’s Trusted EPCS Platform

Exostar’s ProviderPass is more than just a compliance tool, it’s a purpose-built, end-to-end solution designed specifically for EHR and EMR vendors navigating the complex requirements of Electronic Prescribing of Controlled Substances (EPCS). Trusted by leading healthcare organizations and used by over 150,000 prescribers, ProviderPass sets the standard for security, usability, and regulatory alignment.

At the intersection of compliance and usability, ProviderPass removes the burden of meeting DEA mandates from EHR vendors by embedding certified identity assurance, two-factor authentication, and PKI digital signature capabilities into a seamless, API-driven integration.



WHY PROVIDERPASS LEADS THE MARKET



Kantara-Certified Identity Proofing: Identity proofing is certified to IAL2 under NIST 800-63-3, with both intuitive self-service and live-agent webcam options available.



Flexible 2FA Authentication: Providers can authenticate using secure hardware tokens or a mobile application, depending on their preferences and clinical environment.



PKI-Based Digital Signatures: Every prescription is digitally signed by Exostar Certificate Authority which is cross certified by Federal Bridge Certified PKI, ensuring tamper-proof security and compliance with DEA audit requirements.



Rapid, Low-Touch Integration: A lightweight, developer-friendly API enables most partners to go live in under four weeks. Exostar supports implementation with project management and technical assistance.



EHR Vendor Control Over Identity: You retain ownership of your provider directory—unlike other solutions that insert themselves into the vendor-user relationship.



Proven, Scalable, and Reliable: With billions of prescriptions processed each year and a footprint across 40+ client organizations, ProviderPass has a long-standing record of reliability and performance in real-world healthcare settings.



Use Cases:

 **Rapid, Large-Scale Enablement:** A nationally recognized EHR vendor integrated ProviderPass in under four weeks, enabling secure, DEA-compliant e-prescribing for over 10,000 prescribers across hundreds of healthcare facilities—without disrupting clinical workflows.

 **Secure, High-Assurance Clinical Environments:** eClinicalWorks, one of the largest EHR vendors in the U.S., implemented Exostar-managed hardware tokens to meet the high-security needs of customers operating in hospitals, outpatient centers, and remote care facilities where mobile-based authentication wasn't viable.



Benefit	What It Means to You
DEA-Compliant Identity Verification	Ensure your prescribers meet the highest standards with certified IAL2 proofing.
Seamless Integration	Go live in weeks, not months, with guided support and minimal developer lift.
Flexibility in Authentication	Choose from hardware tokens or mobile apps to match your provider environment.
Audit-Ready Digital Signatures	PKI signatures meet DEA and industry requirements with built-in audit trail support.
EHR Vendor Retains Control	Own your user directory and experience, no third-party user ownership conflicts.
Dedicated Support Team	Get a Customer Success Manager and responsive helpdesk support for post-launch success.
Proven & Scalable	Used by over 150,000 doctors, processing over a billion prescriptions every year.



Frequently Asked Questions

DO WE NEED TO MANAGE THE IDENTITY PROOFING OURSELVES?

No. Exostar handles identity proofing with both automated and agent-guided options, ensuring full compliance.

WHAT IDENTITY PROOFING METHODS ARE SUPPORTED?

ProviderPass supports self-service remote identity proofing as well as live webcam-based sessions with trained agents. Both methods meet IAL2 standards.

WHAT HAPPENS IF A PROVIDER'S ID IS REJECTED?

Providers can connect with our live agent team to complete the process via webcam, minimizing disruptions.

DO WE NEED TO PURCHASE AND DISTRIBUTE TOKENS?

No. Exostar provides both hardware and software token options and manages distribution as needed.

WHAT CERTIFICATIONS DOES PROVIDERPASS HOLD?

ProviderPass is certified by the Kantara Initiative at Identity Assurance Level 2 (IAL2), fully aligning with DEA and NIST 800-63-3 requirements IAL2 and AAL2, and its PKI infrastructure is Federal Bridge-certified.



WHAT TWO-FACTOR AUTHENTICATION (2FA) METHODS ARE SUPPORTED?

Providers can authenticate using:



Hardware Tokens: ideal for secure, fixed clinical settings



Authy Mobile App: for flexible, on-the-go authentication

HOW LONG DOES INTEGRATION TYPICALLY TAKE?

With engaged stakeholders, integration can be completed in as little as 2–4 weeks.

IS THERE A PUBLISHED API OR SDK AVAILABLE?

Yes. Exostar provides a documented API designed for rapid, secure integration into EHR platforms.

CAN WE CONTROL THE PROVIDER EXPERIENCE/UI?

Yes. ProviderPass is designed to give EHR vendors full control over the user interface and workflow, maintaining a consistent provider experience.

CAN THE EPCS SOLUTION BE WHITE LABELED?

Yes. ProviderPass can be embedded and branded to match your EHR's look and feel.

ARE YOU CERTIFIED UNDER NIST 800-63-3?

Yes. Identity proofing meets NIST 800-63-3 IAL2 and authentication meets AAL2 standards.



ARE YOUR DIGITAL CERTIFICATES CROSS-CERTIFIED WITH THE FEDERAL PKI BRIDGE?

Yes. Exostar's PKI infrastructure is cross-certified, enabling secure and compliant digital signatures.

HOW DO YOU HELP CLIENTS PREPARE FOR DEA AUDITS?

Exostar provides audit support, including documentation, expert consultation, and ongoing compliance guidance.

WHO OWNS AND MANAGES THE IDENTITY DATA?

The EHR vendor retains ownership and control over provider identities. Exostar acts as a credentialing and identity assurance service—not the identity owner.

WHAT LOGGING OR AUDIT DATA IS AVAILABLE?

Full audit logs are maintained for all identity proofing and signing transactions, readily accessible for compliance and forensic review

Simplify EPCS. Strengthen Your Solution.

Exostar's ProviderPass is more than just an EPCS solution—it's a trusted partner in your compliance journey. With proven performance, flexible deployment, and unmatched support, ProviderPass turns EPCS from a regulatory burden into a competitive advantage.

Partner with Exostar to implement a seamless, compliant, and trusted e-prescribing solution.