# Daon®

# Securing ePrescriptions

## A more convenient way to *steal*?

**Doctors and patients may love the convenience of ePrescribing, but so do most thieves and fraudsters.**

In fact, due in part to the skyrocketing demand for opioids, ePrescription portals are fast becoming the targets of choice for enterprising hackers and their dangerous arsenals of technological and social engineering tricks.

To make matters worse, the clear majority of today's ePrescription portals are secured by nothing more than a simple user name and password—which all but guarantees the likelihood of patients and doctors being hacked.

## The cure only furthers the disease.

It gets worse. Many vendors, in a misguided effort to strengthen their portal defenses, will move toward impossibly complex password requirements and frequent password changes.

But these "security" efforts frequently produce the opposite effect by encouraging users to either write down their passwords or use common mnemonic devices like "P@$$word!"

Either way, the hackers win.
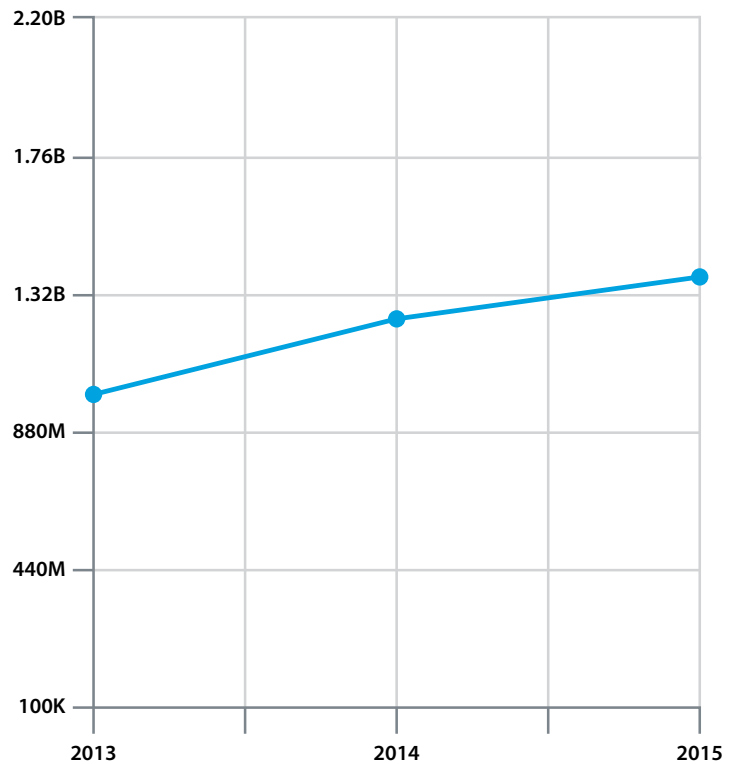


## 1.41 Billion ePrescriptions
Source: superscripts.com

Talk about rapid growth. In 2015 alone, more than 1.4 Billion prescriptions were filled electronically—that's 75% of all prescriptions.

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### WHAT IS E-PRESCRIBING?

Electronic prescribing (ePrescribing) is a prescriber's ability to electronically send an accurate, error-free and understandable prescription directly to a pharmacy from the point-of-care. The inclusion of electronic prescribing in the Medicare Modernization Act (MMA) of 2003 gave momentum to the movement, and the July 2006 Institute of Medicine report on the role of e-prescribing in reducing medication errors received widespread publicity, helping to build awareness of e-prescribing's role in enhancing patient safety. Adopting the standards to facilitate e-prescribing is one of the key action items in the government's plan to expedite the adoption of electronic medical records and build a national electronic health information infrastructure in the United States.

# Securing ePrescriptions

## *You* are the security you've been seeking.

**Security experts in the healthcare industry recommend that ePrescription portals be protected by biometric-based multi-factor authentication.**

It sounds like a mouthful, but it's really pretty simple. Multi-factor means using two or more different authentication types: like something you have (a key), something you know (a password), and something you are (a "biometric" such as your face, voice, or fingerprint).

With a biometric-based platform like Daon's IdentityX, doctors and patients can access highly secured portals using only their smartphones—no passwords required.

Depending on the sensitivity of the information requested, the portal might ask for 1, 2, or 3 factors. Best of all, the user gets to decide which combination of factors is most convenient.

| Device Key | Face | Voice | Fingerprint | Passcode/PIN |
|------------|------|-------|-------------|--------------|
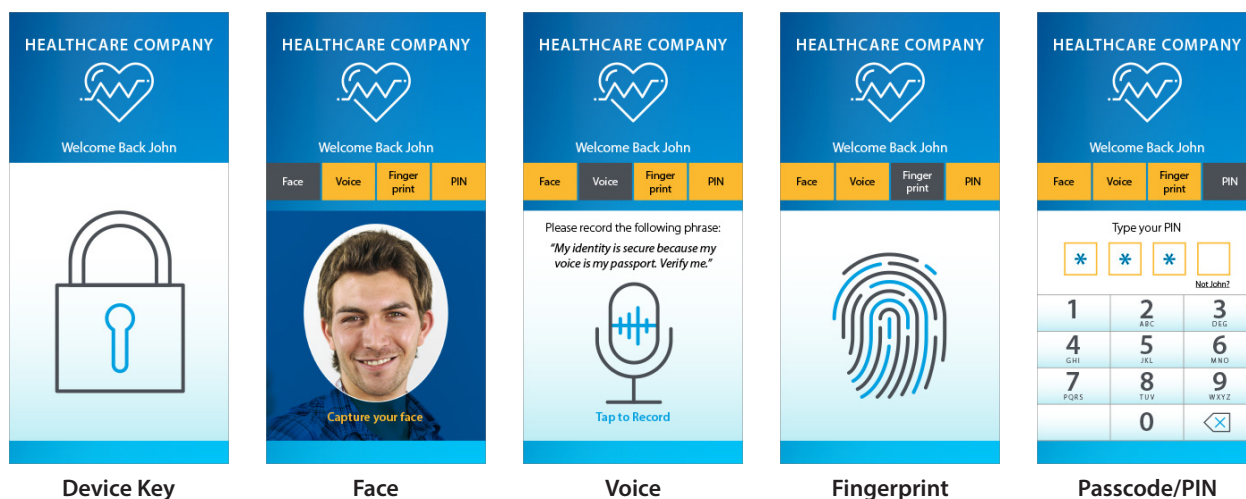
**Worried about future-proofing?**
IdentityX also supports cutting-edge behavioral biometrics and emerging biometric factors like palm recognition.

## Take it *from* the bank.

**Believe it or not, the financial, insurance, and technology industries have been reaping the benefits of biometric-based multi-factor authentication for years:**

- Dramatically reduced identity theft and fraud—in many cases, zero evidence of fraud loss since deploying biometrics
- Increased use of digital channels—resulting in operational cost reductions
- Fewer "password reset" calls to Customer Support
- Higher reported user satisfaction

So why not derive those same benefits from an ePrescription portal or other Electronic Health Records system?

It's time for doctors and patients to stop choosing between security and convenience.

You can have both.

*Ready to see how IdentityX saves you time, dollars, and peace of mind? Visit* **www.daon.com/healthcare**

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