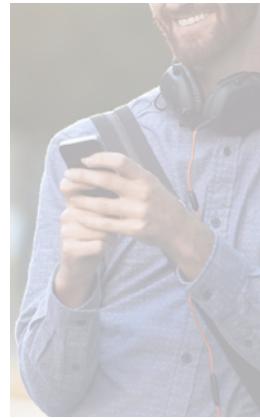




## A Guide For Reviewers



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# Welcome To Password Boss!

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Thanks for checking out Password Boss, the password manager and digital wallet that's designed for anyone who has trouble remembering their passwords. In the next few pages, we'll give you a quick look at why we think Password Boss is the answer for people who want to protect their financial and personal identities – without the headaches and hassles of dealing with multiple logins, passwords and payment information.

The best way to see the true power of Password Boss is to load it on both a Windows PC (laptop or desktop) and a mobile device such as an Apple iOS devices, Android devices, or Windows tablets (we support Windows 8/7/Vista/XP-based PCs and tablets). Before you begin your evaluation, be sure your test systems meet the following recommended minimum requirements:

## DESKTOP/LAPTOP

- Operating system – Windows XP thru Windows 8.1
- Disk space – 40MB
- Browsers – Chrome, Internet Explorer, Firefox

## iPHONE

- iOS version 7+

## ANDROID

- Operating System 4.4+

## WINDOWS TABLET

- Operating System- Windows 8.1
- Browser- Chrome, Internet Explorer, Firefox



# Password Boss: A Smarter Way To Stay Secure Online

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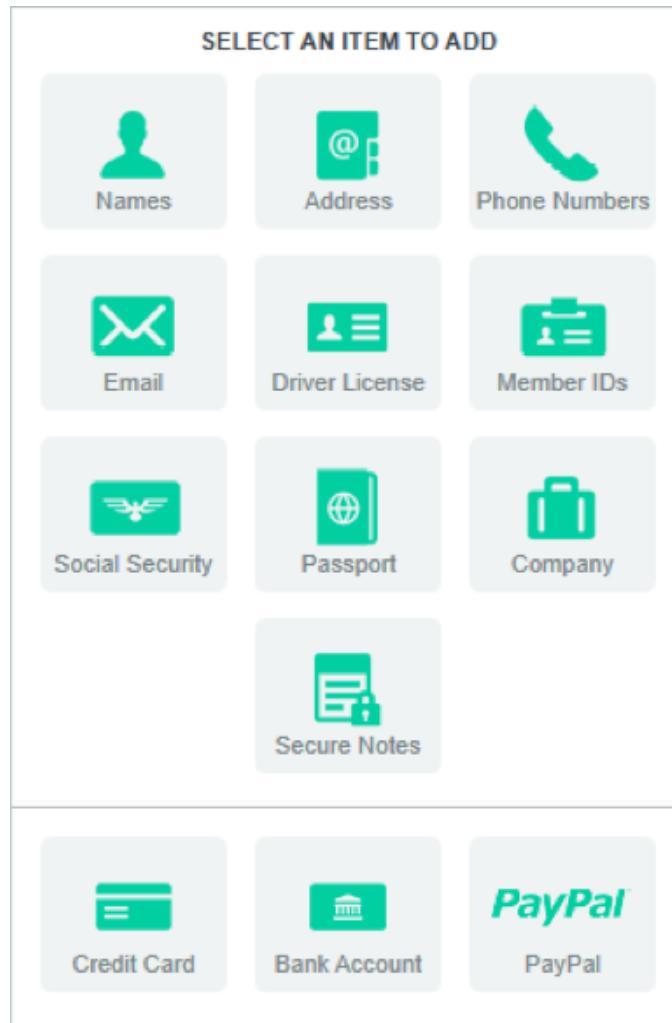
Welcome to Password Boss, a smarter, simpler way to manage passwords for hassle-free online security. Before we dig in, let's quickly set the stage for just what Password Boss is, who we designed it for, and what the key features/differentiators are.

Available for Windows desktop/laptop computers, Windows tablets, Android devices, and Apple devices, Password Boss is the free password manager and digital wallet designed for anyone who has trouble remembering their passwords. By intelligently and securely storing your online passwords and payment information and synchronizing it across all devices, Password Boss makes it easy to securely, transparently, and automatically login to websites, access accounts, and shop online. On the desktop/laptop, Password Boss includes a light, but powerful, plug-in for Internet Explorer, Firefox, and Google Chrome browsers. Here are the key features:

- **PASSWORD VAULT:** Password Boss makes it easy to use a strong, unique password for every website. You only need to remember the Master Password. Password Boss takes it from there, automatically filling in your unique usernames and passwords on any login screen. The Password Vault stores an unlimited number of usernames and passwords, and even includes a strong password generator.
- **BANK-GRADE SECURITY:** Password Boss is built with 256-bit AES encryption, the same level of security used by banks. Only you can access your data.
- **SYNCHRONIZATION ACROSS DEVICES:** Password Boss synchronizes your accounts across all devices for easy access to passwords and personal data anytime, anywhere. Synchronization between devices happens almost instantaneously.
- **DIGITAL WALLET:** You can securely store your online payment choices including credit card or PayPal information and bank-account details. Password Boss speeds up your check-out by automatically entering all of the payment details, saving time and effort.
- **PERSONAL SECURITY SCORE:** Password Boss provides a personal security score with recommendations for increasing your level of online security.
- **SECURE SHARING:** You can easily and securely share any stored item in your account with anyone you want. Share that item for a fixed time period or indefinitely, and revoke access at any time.
- **SECURE STORAGE:** Securely store all your important personal information, including names, addresses, emails, phone numbers, digital notes, and other identification. Password Boss uses this information for faster online form-filling.
- **PATENT-PENDING SECURE BROWSER:** The unique Secure Browser embedded within Password Boss creates a SafeZone that blocks malware, plugins, and phishing scams, to provide secure browsing on any website. The Secure Browser ensures that sensitive online transactions – like banking – stay private. Set any website to automatically launch within the Password Boss Secure Browser.



- ONLINE BACKUP: Password Boss can encrypt your data and back it up to a secure storage location. If you lose your device, you don't lose your data. You can turn this feature on or off as desired.
- SECURE ITEM STORAGE/AUTOMATIC FORM-FILLING: Password Boss provides automatic form-filling to save you time and streamline your check-out process. Some of the items you can store are shown in the graphic below.



# How Password Boss Protects Your Security And Privacy

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Password Boss was designed with the highest level of security in mind to ensure that consumers are the only ones with access to their data.

- **MASTER PASSWORD:** The only way to access *any* data in Password Boss is with the Master Password. Each consumer creates a unique Master Password that is not stored or transmitted anywhere. Without knowing the Master Password, all of the data within Password Boss remains securely encrypted and inaccessible by anyone.
- **BANK-GRADE ENCRYPTION:** All your passwords and personal information stored in Password Boss are encrypted with 256-bit AES encryption (with 64,000 rounds of PBKDF2 salt), the same level of security used by banks and governments to protect sensitive data. This type of encryption has never been cracked.
- **LOCAL-ONLY DECRYPTION:** All your usernames, passwords and personal data that are stored in Password Boss are encrypted and decrypted locally. At no time is any of your sensitive data ever sent to Password Boss servers without being fully secured and encrypted. Password Boss never has any access to your sensitive data.
- **TWO-STEP VERIFICATION:** Password Boss adds an extra layer of security to your data by adding a two-step verification process that requires both the Master Password and a rotating code from your phone to access any account data. This greatly increases the security of your Password Boss account.
- **SECURE CLOUD BACKUPS:** Password Boss automatically backs up an encrypted copy of your data to a secure cloud storage location, keeping passwords and personal information protected even when a device is lost or stolen. Your information within the backed-up data is completely inaccessible to anyone without the Master Password.
- **THEFT PROTECTION:** A remote-delete feature lets you quickly remove Password Boss data from a lost or stolen device, while still preserving an online backup copy of the data.
- **SECURE SHARING:** Passwords and other data that you share are encrypted with unique 2048-bit RSA public/private keys. Only you and your trusted recipient have access to the data.
- **SECURITY ALERTS:** Password Boss sends you up-to-date security notifications and actionable advice when security breaches occur. For example, consumers will receive a notification to change a password when a site they have an account with has had a security breach.
- **GLOBAL STORAGE:** You control your security by choosing where in the world you want to store your encrypted data, a feature that is unique to Password Boss. Choose from locations in the U.S., Europe, Asia, South America or Australia, and move your data anytime you like.
- **TOUCH ID SUPPORT:** Password Boss for iOS lets you quickly unlock your Password Boss account with a fingerprint instead of entering the Master Password or PIN code.



# Installing Password Boss And Creating Your Account

This Reviewer's Guide assumes you will start with an installation to a desktop or laptop computer running Microsoft Windows (Windows 8/7/Vista/XP).

## INSTALLATION

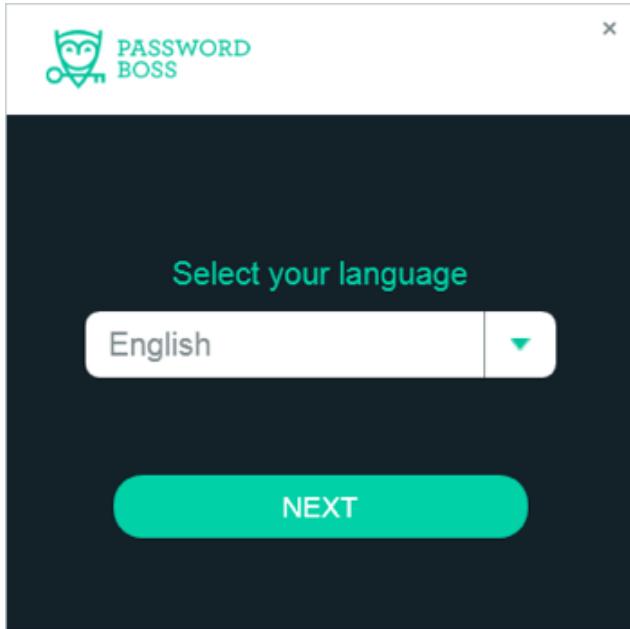
1. Visit <https://www.passwordboss.com/> and click the Free Download button.



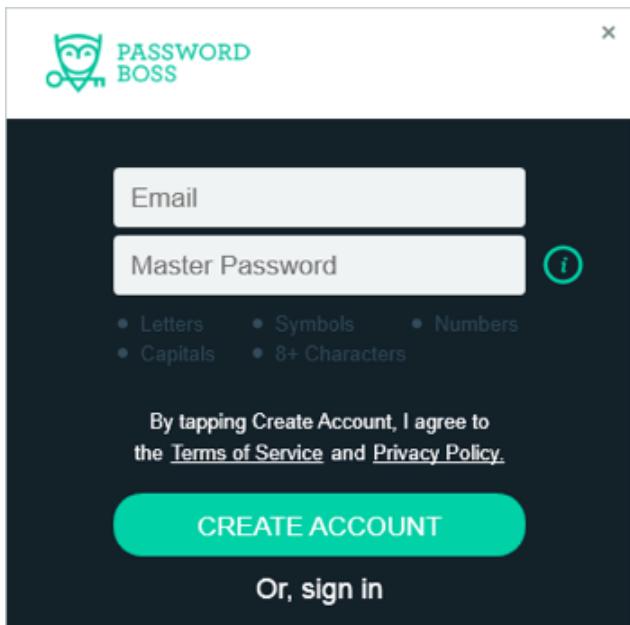
2. Follow the instructions to install the software.

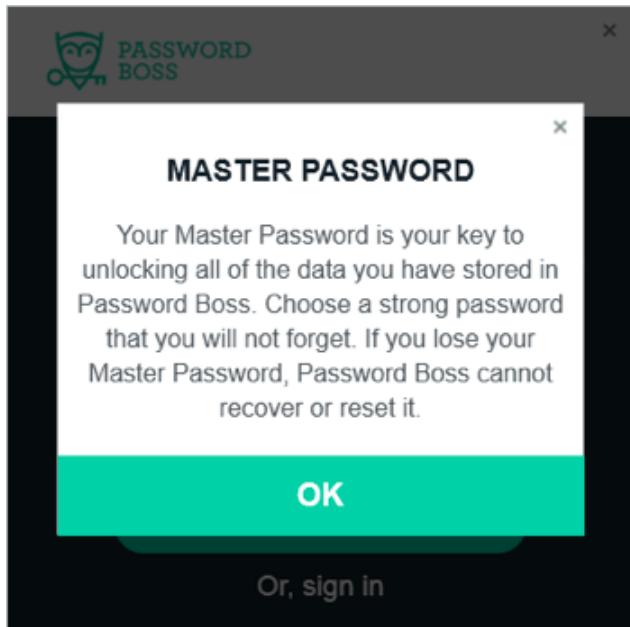
## SETUP/ACCOUNT CREATION

1. Double-click the Password Boss icon on your desktop  
(or navigate your mouse to “Start > Programs > Password Boss > Password Boss”)
2. Choose your preferred language from the drop-down menu.

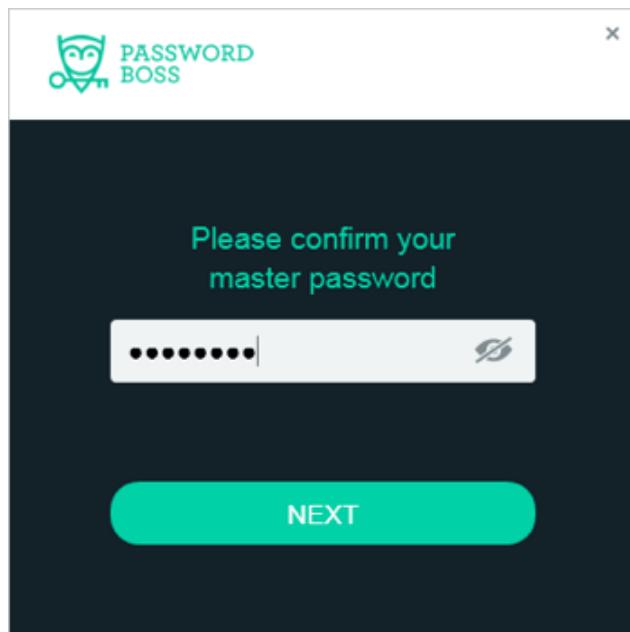


3. To create your account, enter your email address and choose a Master Password. This is a key concept of Password Boss. The Master Password is your single password for accessing the product and enabling Password Boss to automatically and transparently submit your sign-on credentials to the various websites and accounts where you have previously established an ID and password. The Master Password must be at least eight characters long and contain at least one each of all of the following: lowercase letters, uppercase letters, symbols, and numbers.



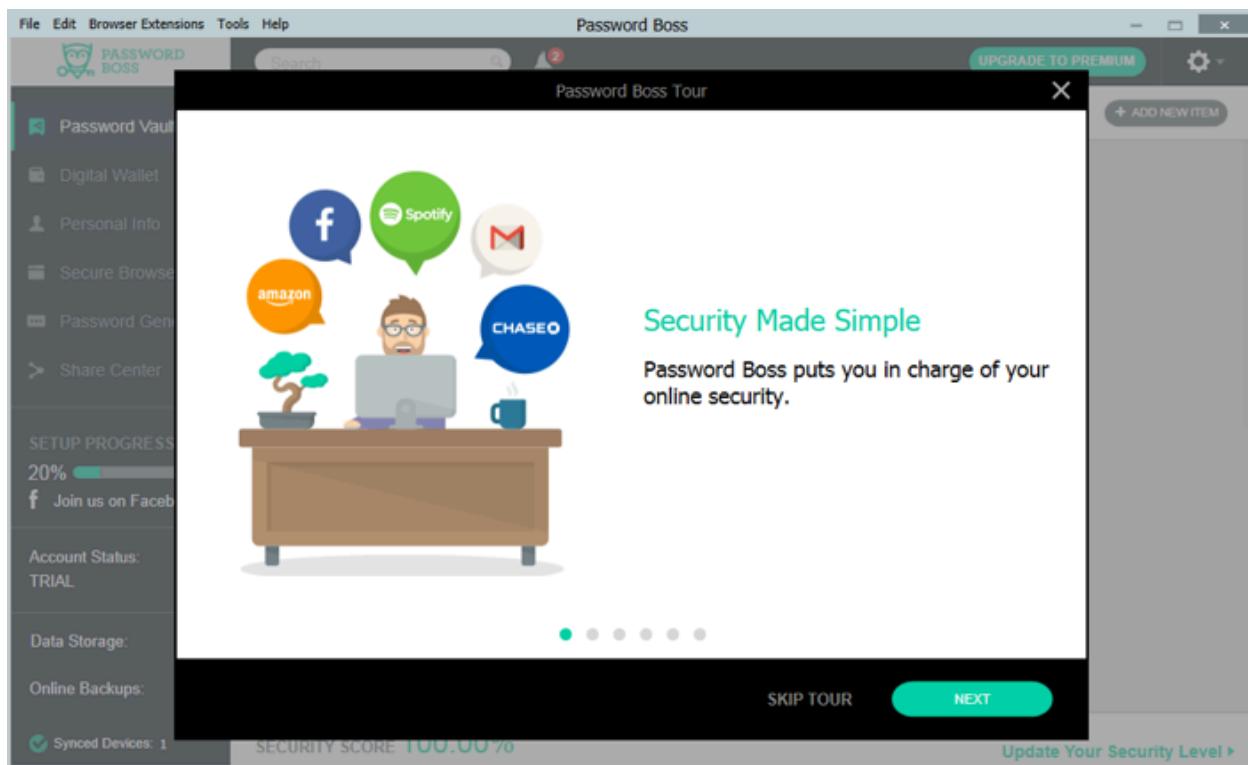


4. Reconfirm your Master Password by entering it once again.



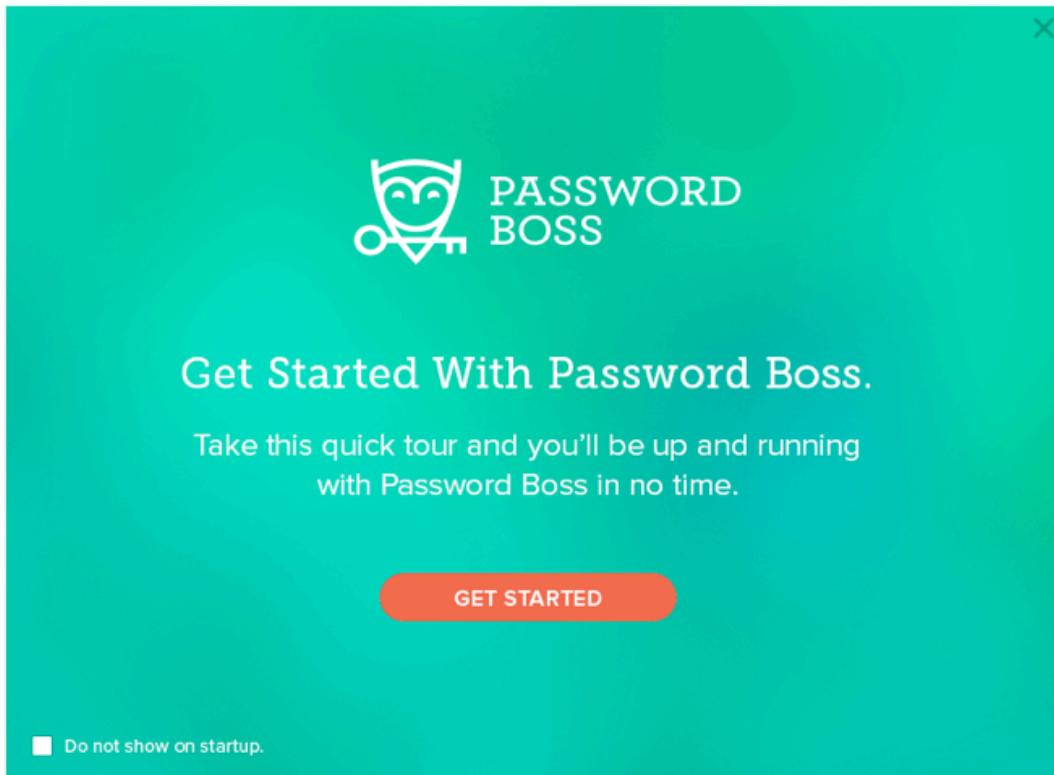
## YOU'RE NOW REGISTERED AND READY TO USE PASSWORD BOSS

If you like, you can take the Quick Tour to view some of the highlights of Password Boss and get an overview of how it works.



# Get Started With Password Boss

In this section, we'll describe how you can set up and configure Password Boss to simplify your password management.



## IMPORT YOUR CURRENT PASSWORDS

Virtually every consumer has collected a portfolio of ID/password combinations for numerous sites and accounts that they visit: social media, online banking, online shopping, streaming and music, and many more. Many browsers have basic features to collect those IDs/passwords – so Password Boss simplifies your setup by migrating those IDs/passwords from your browser(s) to the more secure Password Boss environment.



And if you've used other password managers, such as LastPass, Dashlane, and Roboform, you can easily manually import those passwords as well. For a complete list of password managers supported visit: [https://support.passwordboss.com/customer/portal/articles/1839114?b\\_id=6281&t=501703](https://support.passwordboss.com/customer/portal/articles/1839114?b_id=6281&t=501703)

To import those passwords, Password Boss provides a simple-to-use wizard that you can access from the menu option “File > Import Passwords” :

**IMPORT PASSWORDS FROM OTHER APPLICATIONS.**

**Step 1.** Select the application you want to import data from.

▼

**Step 2.** Select the file that contains your export data from Dashlane.  
[Click here](#) for help exporting your data.

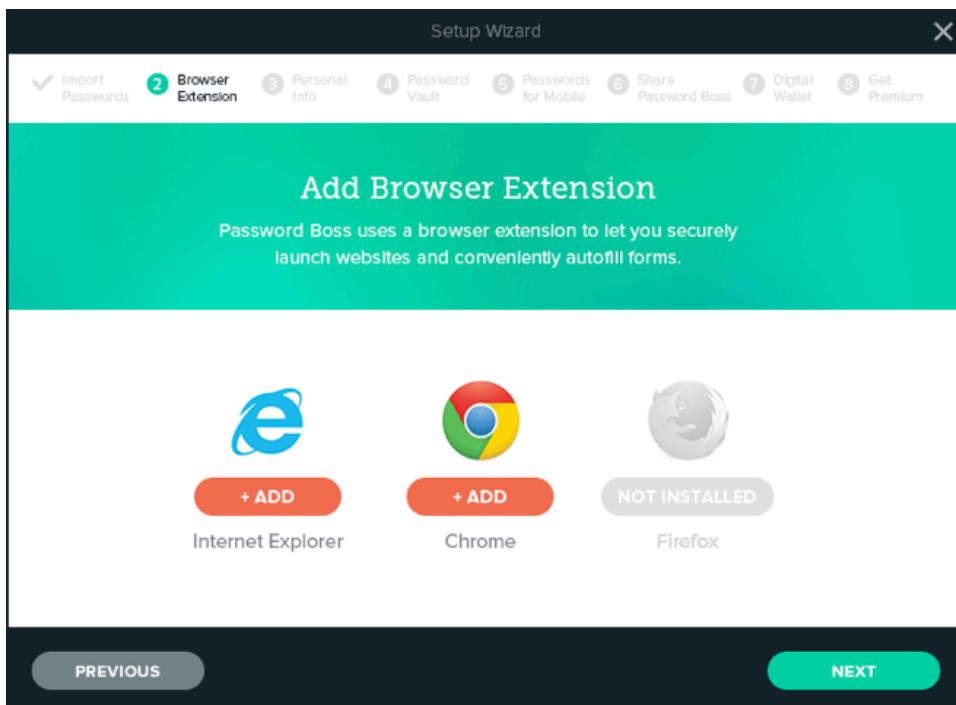
**SELECT A FILE**

**Step 3.** Click Import to bring your data into PasswordBoss

**IMPORT NOW**

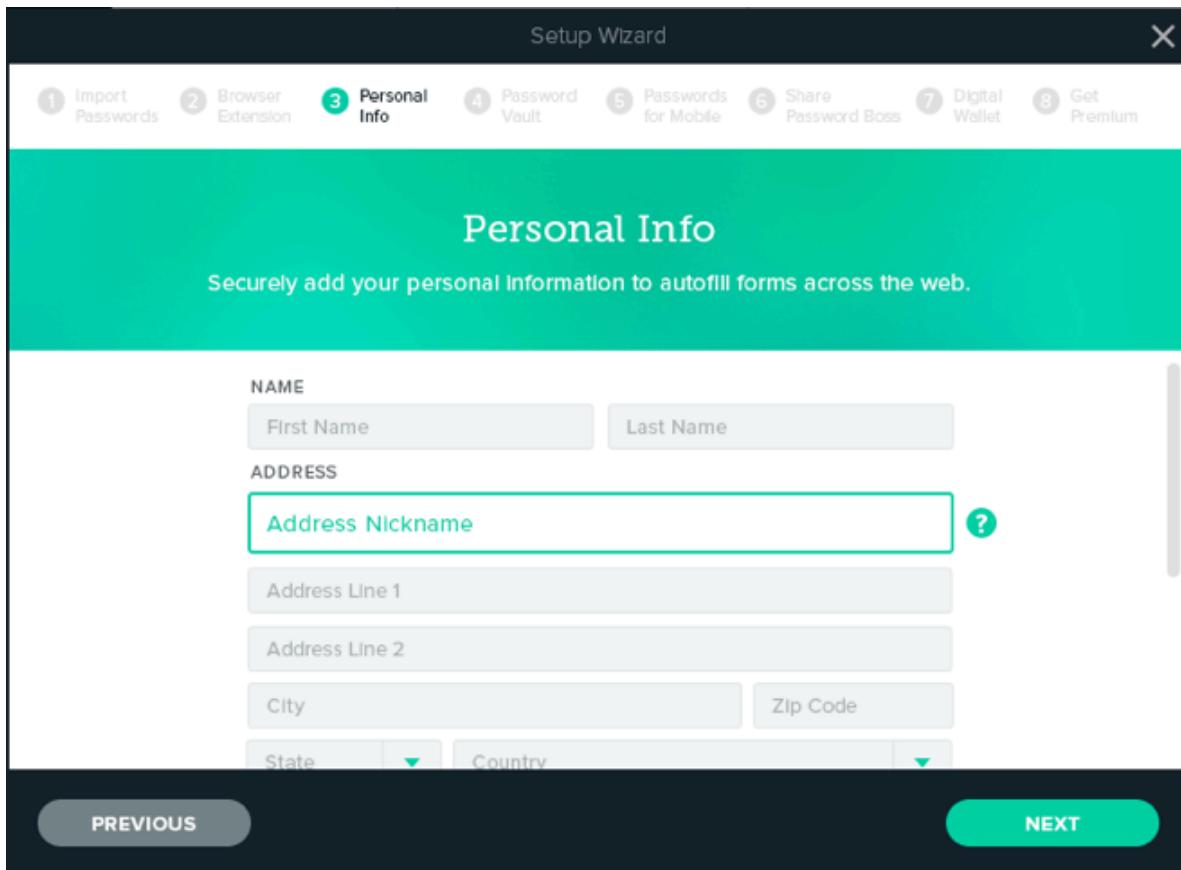
## ADD EXTENSIONS TO YOUR BROWSER(S)

Except during configurations and setup, Password Boss appears as a browser extension for Microsoft Internet Explorer, Mozilla Firefox, and Google Chrome. (Support for Apple Safari coming in Q2 2015.) With this extension, you can securely visit websites and conveniently auto-fill forms, check-out screens, payment information, and more.



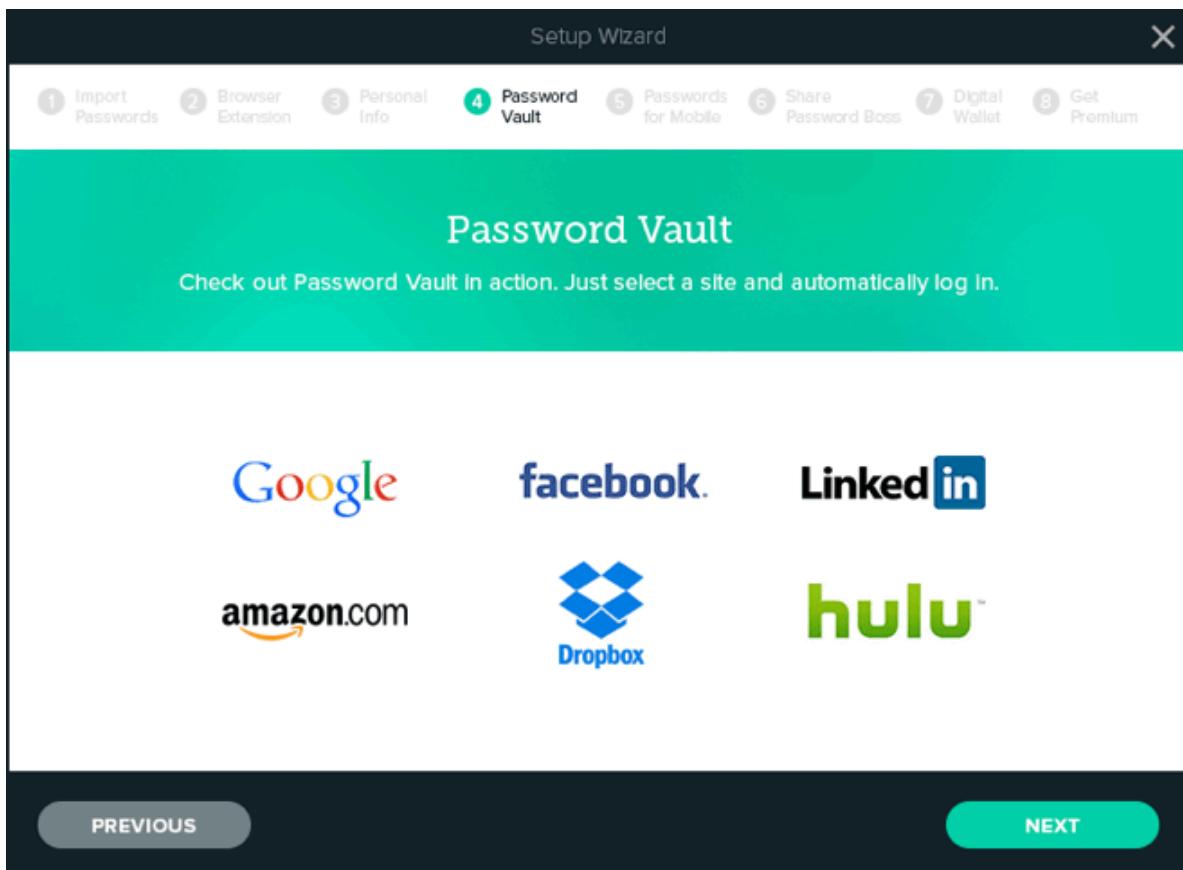
## ADD YOUR PERSONAL INFO

Next, add your personal info – your contact data and other details – that Password Boss can use to auto-complete forms on your behalf as they appear in your browser. Note that you can use nicknames like “work email” or “home address” to enter multiple sets of contact information.



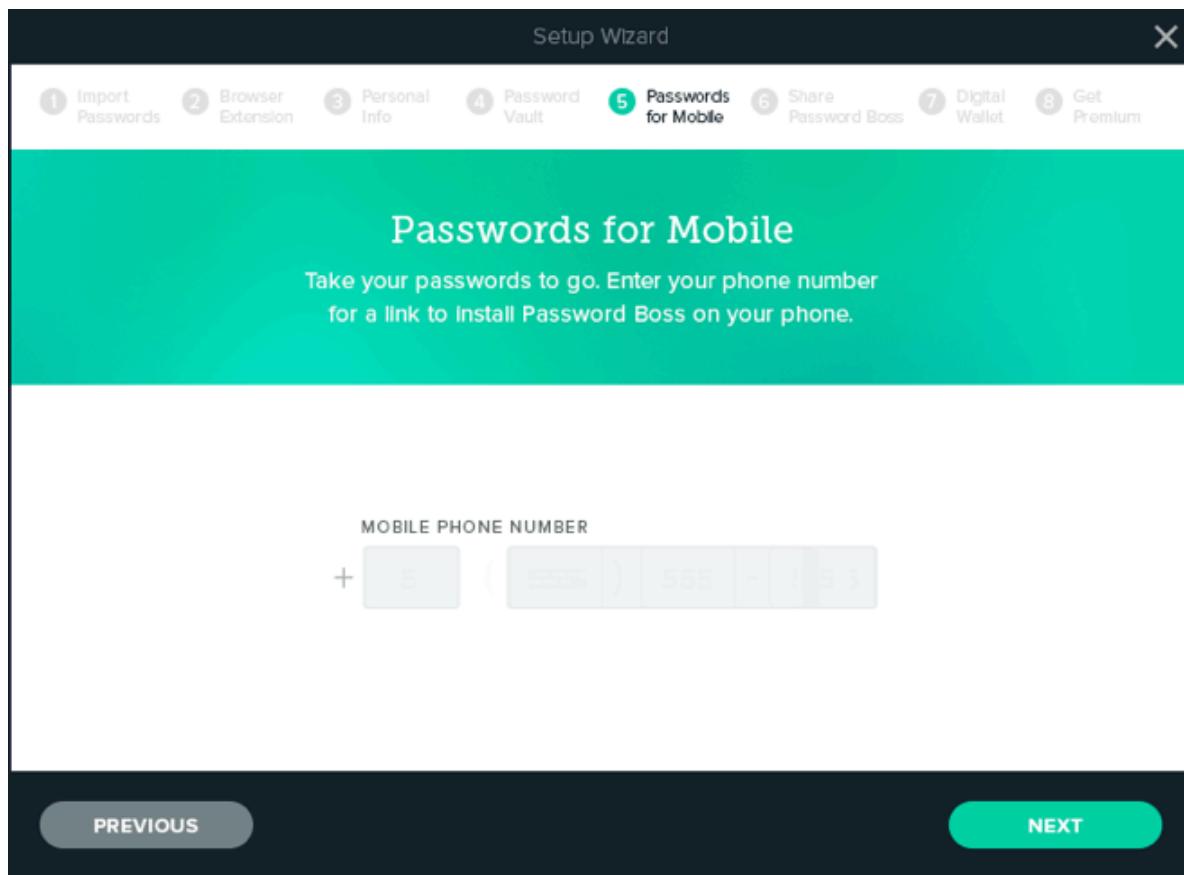
## TRY THE PASSWORD VAULT

After you've entered your contact information – and since Password Boss has already imported your previously existing IDs and passwords from your browser(s) – you're ready to try the Password Vault. Password Boss presents a portfolio of popular sites and social media. Click on an icon for a site where you have previously established an account. Password Boss will immediately bring you to that site and log you in using your correct credentials.



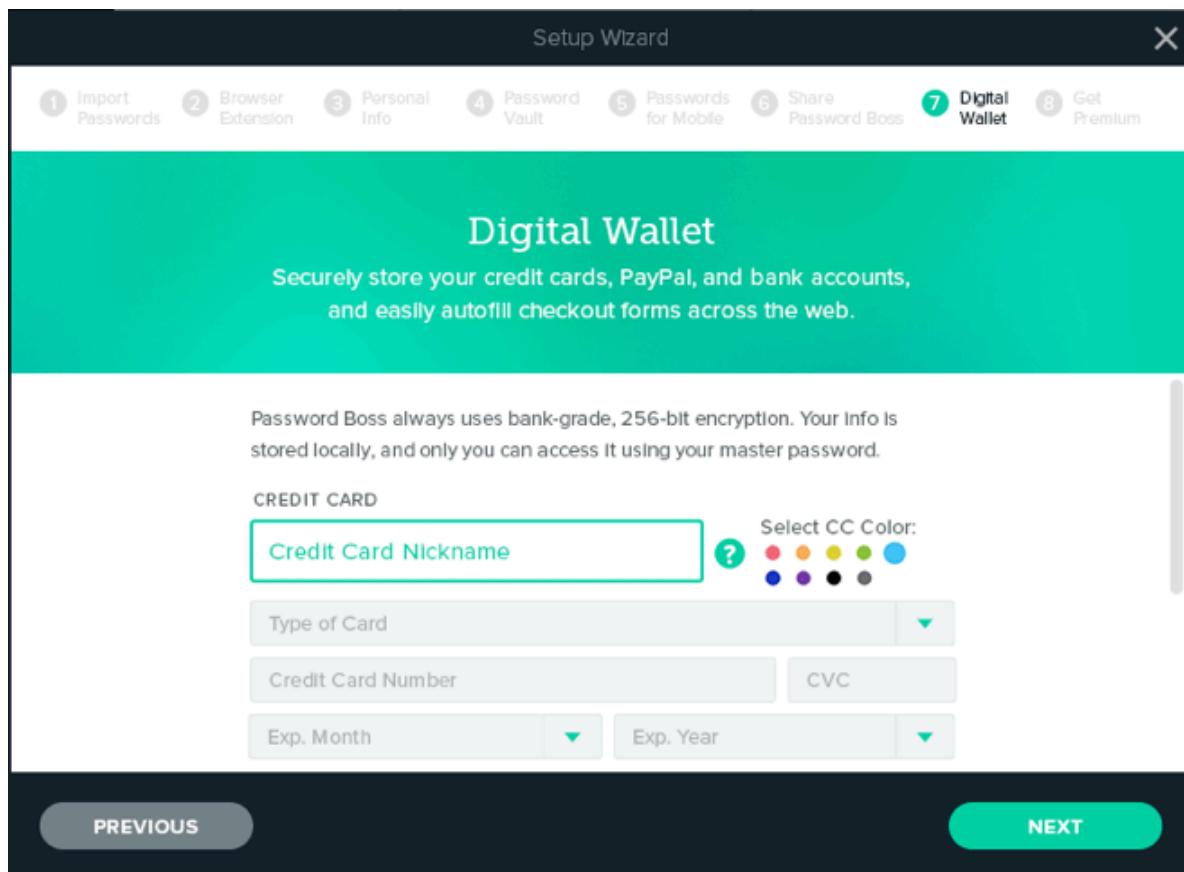
## TAKE PASSWORD BOSS WITH YOU

Enter your mobile phone number and you will receive a link to install Password Boss on your mobile phone.



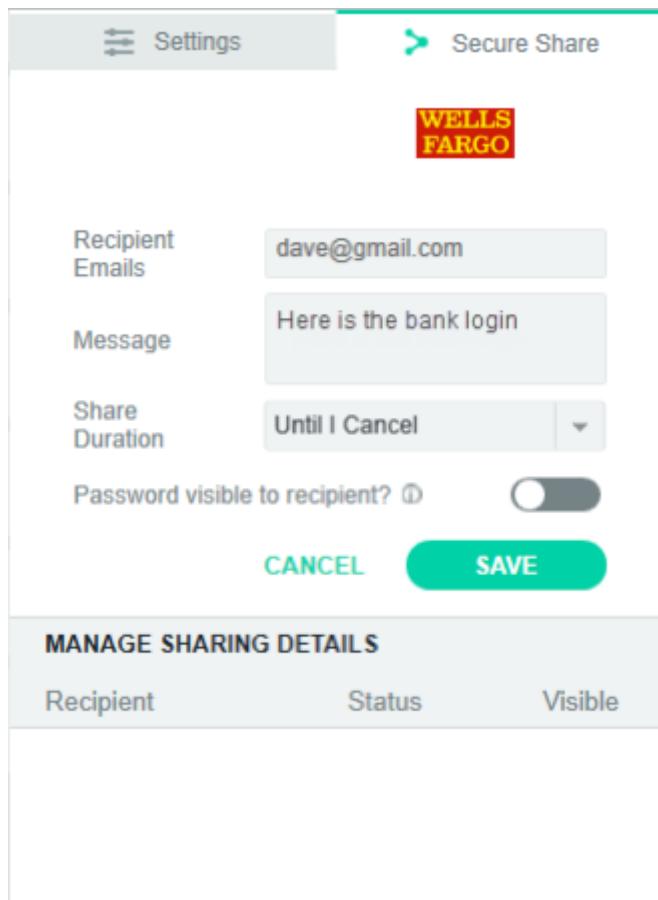
## CONFIGURE YOUR DIGITAL WALLET

As part of the check-out process, Password Boss can auto-complete forms with your payment IDs (such as credit cards, debit/ATM cards, PayPal credentials) to speed up your transaction and minimize the hassles of online purchasing.



## SHARE PASSWORDS WITH TRUSTED PARTIES

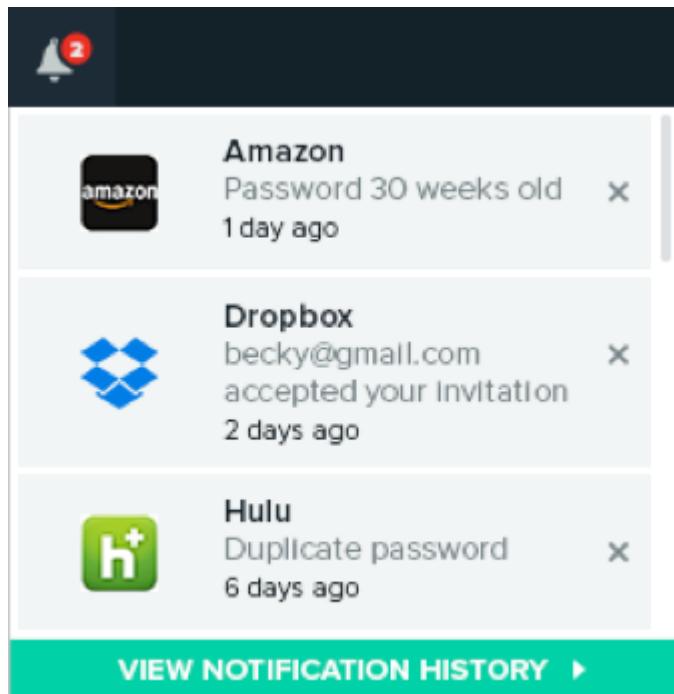
Until now, there's been no easy way to securely share passwords with family or close friends. For instance, if a husband wants to share a bank password with his wife, the only solution has been to tell her or, worse, email her. But Password Boss lets you share passwords with other Password Boss users. Now, when the bank password is updated in one account, it's automatically updated in other (defined and designated) accounts. If a credit card expiration date or CVV number is updated, your chosen share partners get the updates automatically.



## GET TIMELY SECURITY NOTIFICATIONS

Sometimes, a merchant or financial institution can suffer a security breach that exposes account holders to unexpected risk of identity theft or unauthorized account access. When those unfortunate events happen, Password Boss swings into action to protect you as quickly as possible and minimize any potential impact.

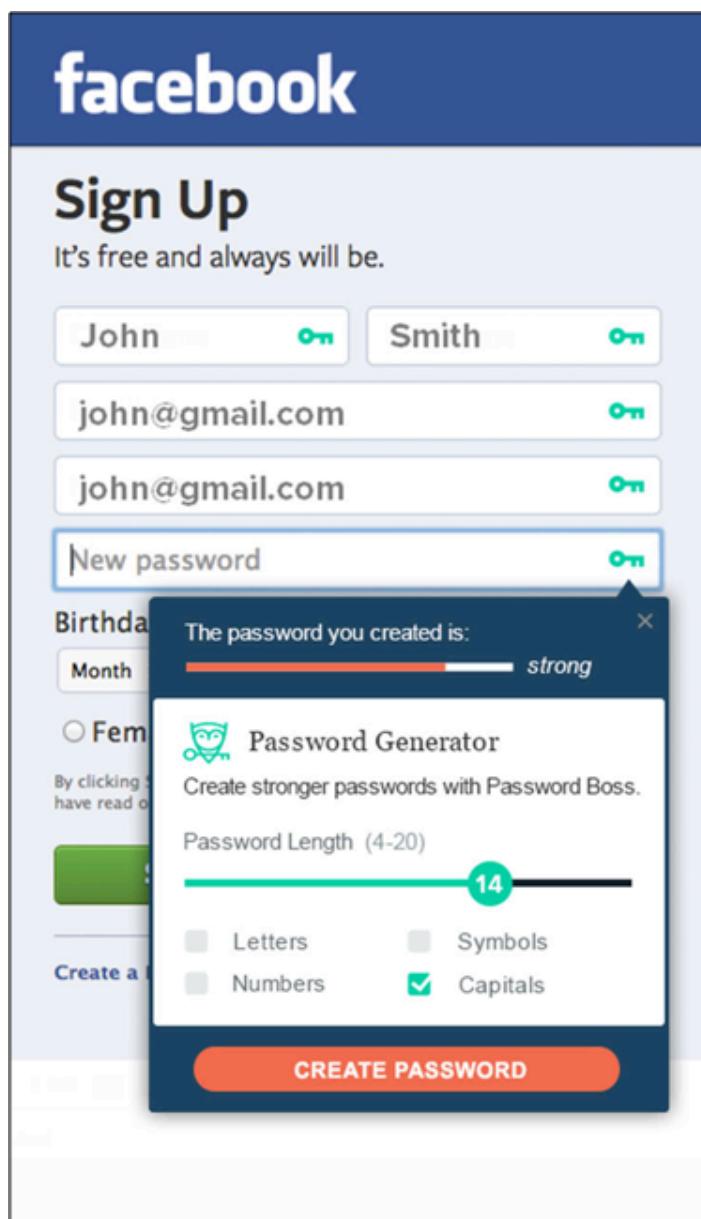
Password Boss notifies you of the breach and prompts you to change your password to reduce or eliminate your security exposure. Password Boss can also notify you simply when your individual passwords should be updated/refreshed for added security.



## EASILY AND AUTOMATICALLY GENERATE STRONG PASSWORDS

The best passwords are those comprised of lengthy, random strings of alphanumeric characters that are virtually impossible to guess. Of course, they can also be virtually impossible to remember. But with Password Boss, you're shielded from those underlying passwords – you only need to remember the Master Password.

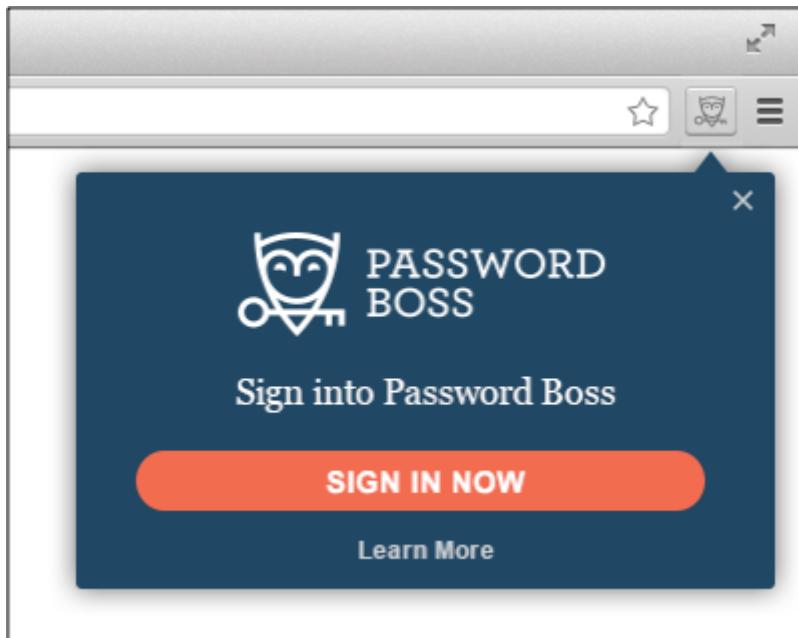
And Password Boss can automatically generate strong passwords for each of your individual accounts that significantly improves the security of your accounts.



## Password Boss In Action

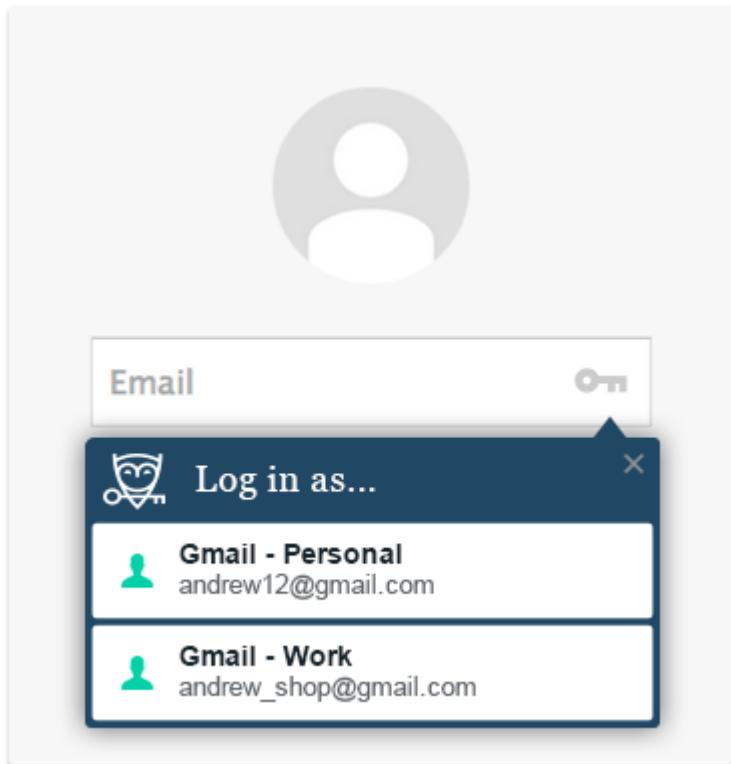
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Now that you've successfully installed and configured Password Boss, it's time to see it in context – right from within your favorite browser. Whenever you're ready to access Password Boss, you simply click on the icon in the browser toolbar. Next, simply sign into Password Boss using your previously selected Master Password. Here's how it looks in Google Chrome:



## LET PASSWORD BOSS LOG YOU IN

When you visit a site and click on the credentials field, Password Boss automatically appears, presenting you with a point-and-click list of valid credential sets for you to use to log in. Choose the credentials you want, click – and you're logged in.



## LET PASSWORD BOSS HANDLE YOUR CHECK-OUT QUICKLY

When you're making a purchase online, Password Boss can streamline the cumbersome check-out process. When it's time to enter your payment information, just choose from Password Boss's drop-down box to choose your preferred card. Password Boss then auto-populates the screen, speeding your check-out – with complete security and accuracy.

### Add a payment method

#### Credit or Debit Cards

Amazon.com accepts all major credit & debit cards.

▼ Add a card

Enter your credit card (Step 1 of 2)

Card number

On

Choose a credit card...

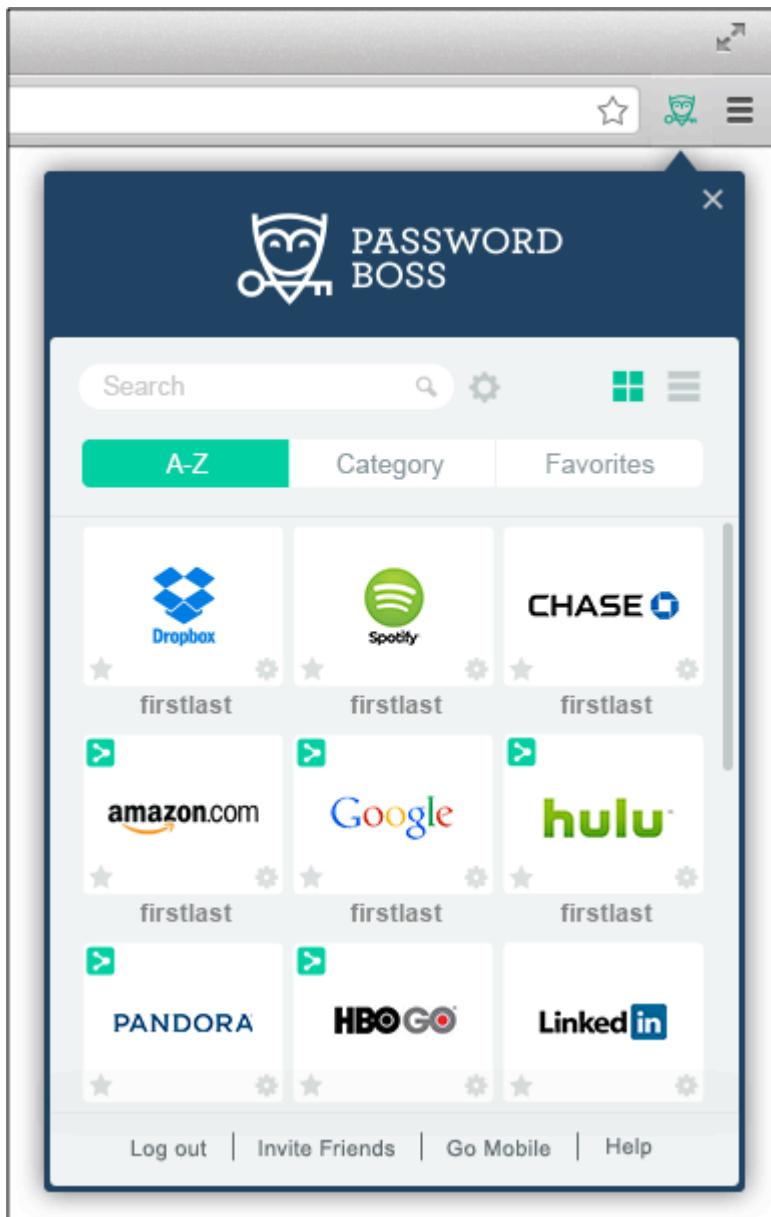
Chase Preferred Visa  
xxxx xxxx xxxx 4592

American Express Gold  
XXXX XXXX XXXX 2310



## QUICK ACCESS TO FAVORITE SITES

Click on the Password Boss icon in the browser to get a quick, searchable list of your favorite sites for which Password Boss is managing your security credentials.

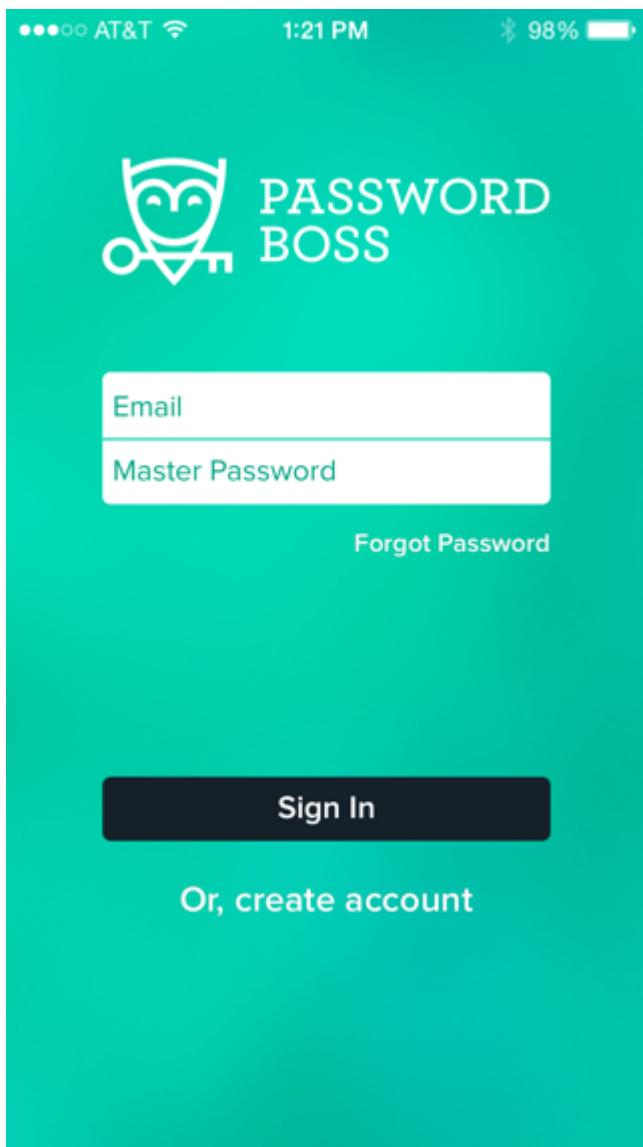


## THE PASSWORD BOSS EXPERIENCE FOR MOBILE CONSUMERS

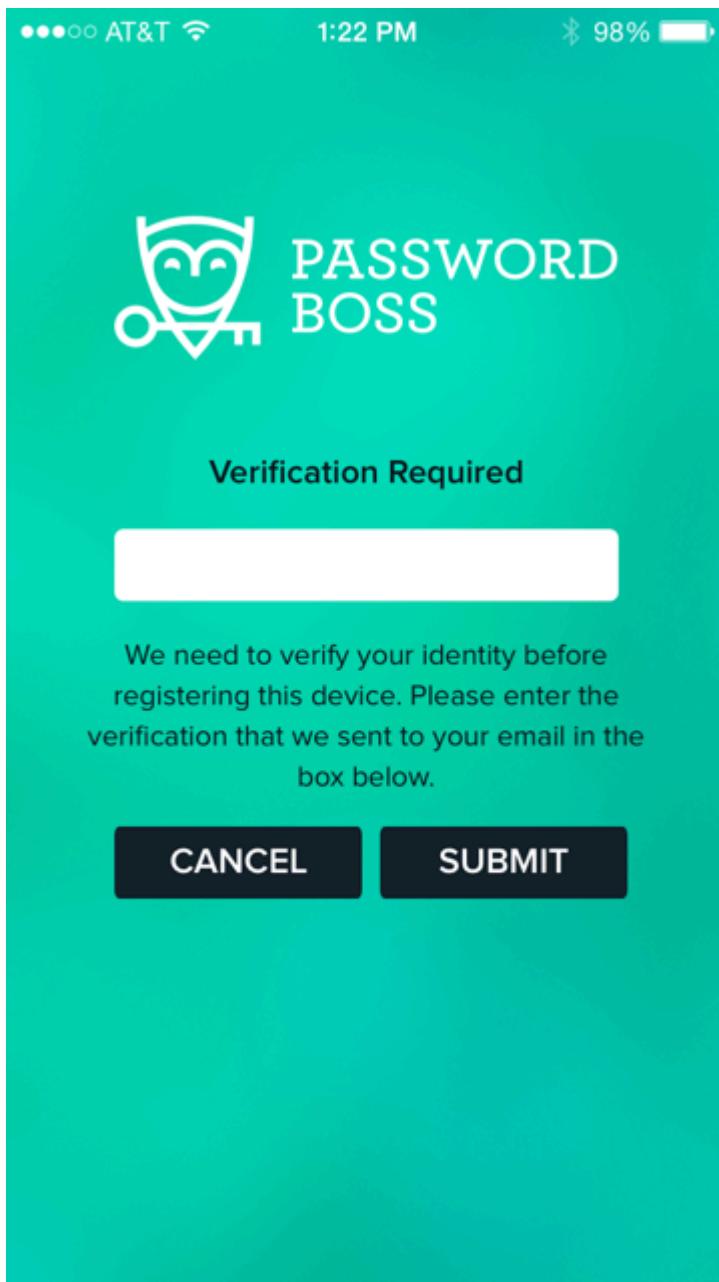
Once you've set up Password Boss on your desktop/laptop, it's easy to access the same credentials from your smartphone or tablet. Recall that during the desktop installation above, you were instructed to enter your mobile phone number. That means you should have a link to install Password Boss on your phone.

**Note:** For pre-launch users you must install the Password Boss app from the link you received in the TestFlight app.

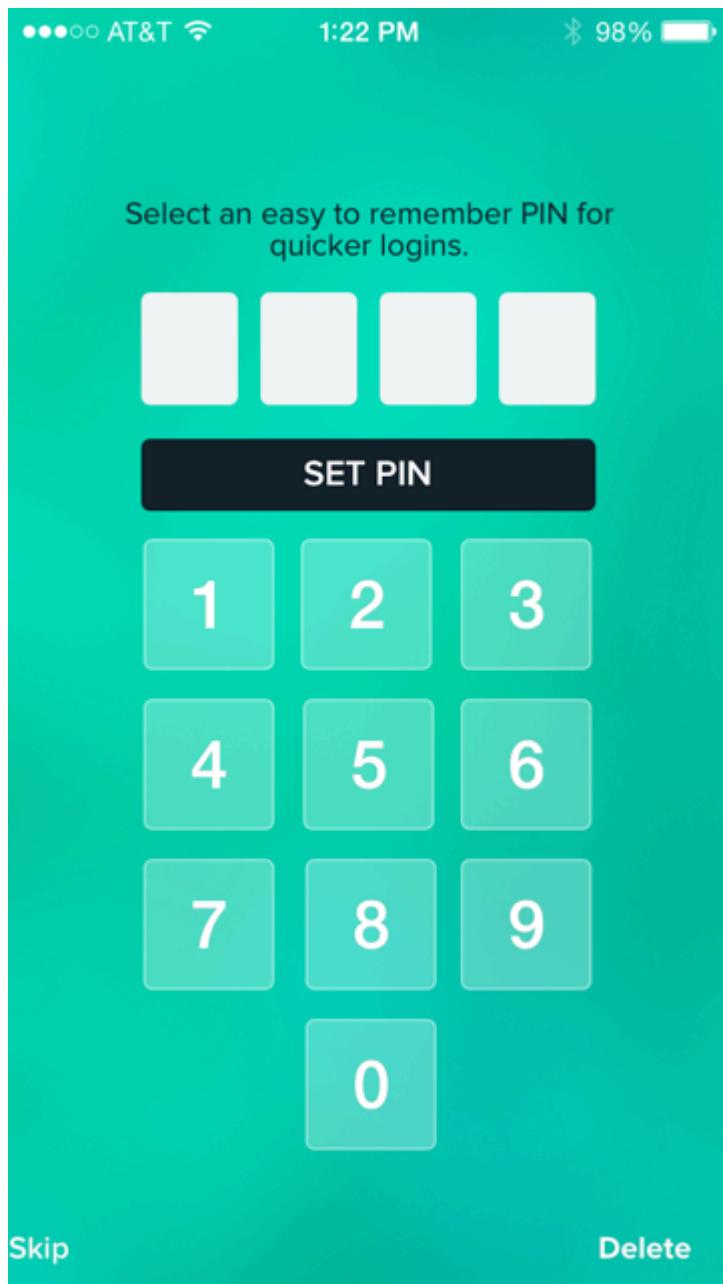
1. Touch that link and follow the prompts for a straightforward installation. When the app is loaded, choose "Or, sign in" to sign into the same account you created from the desktop application. You will need to use the same email address and Master Password that you used to create your account.



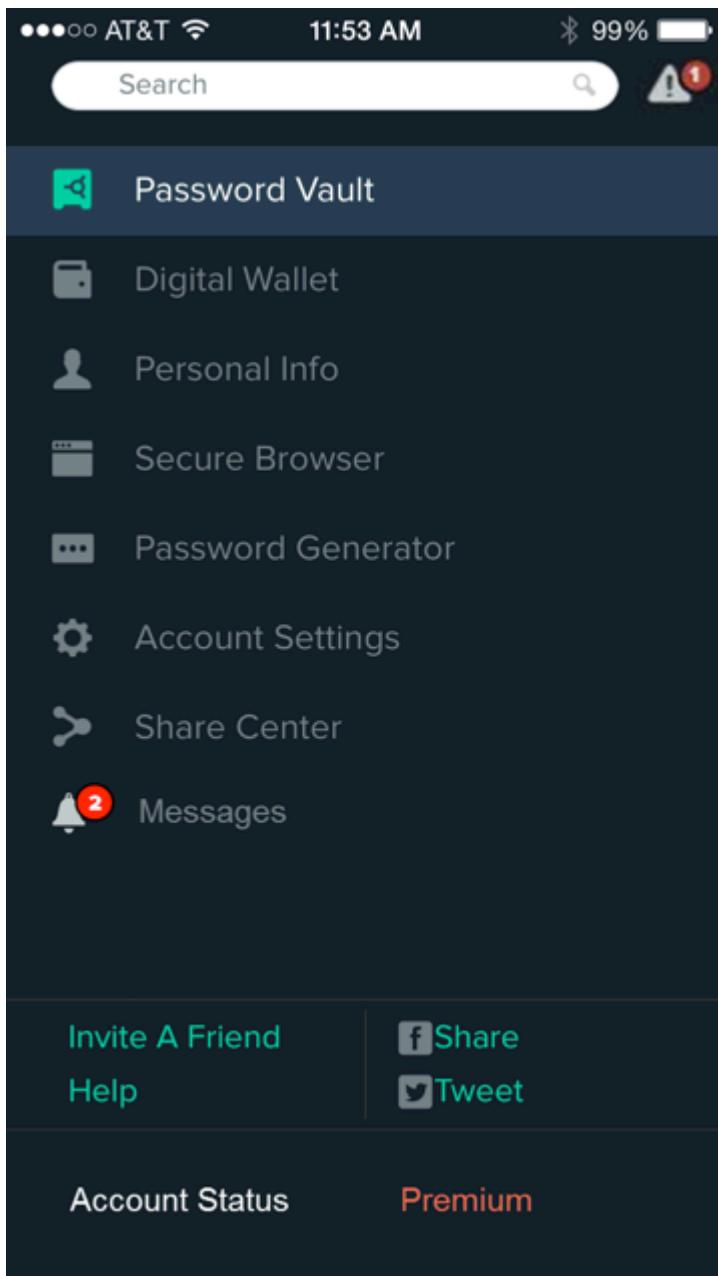
2. Registering your mobile device to your existing Password Boss account requires that we verify you are the owner of the email address being used. The Password Boss system will email you a verification code that you will need to enter on your mobile device to register the new device to your account.



3. To make things easier for your subsequent sessions on the smartphone or tablet, you can set up a simple four-digit PIN to quickly access Password Boss.



You're now ready to use Password Boss on your smartphone or tablet – just as you would from a desktop or laptop. Password Boss will sign you in to the same sites with complete security and safety.



4. For those using iPhone 5s/6/6Plus devices running iOS8, you can use Apple Touch ID instead of the Master Password to access Password Boss functionality.



# The Keys to Password Boss

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## KEY NO. 1: AN EASY WAY TO STAY SECURE

Just one Master Password lets you access all your sites and accounts. Password Boss automatically remembers and enters your unique IDs and passwords to all of your sites and accounts. No more sticky notes to remember rarely used accounts. No more “I’ll just use the same password everywhere” security that can leave you vulnerable.

## KEY NO. 2: WORLD-CLASS ENCRYPTION

Password Boss uses multiple layers of bank-grade security. Your Master Password is the only way to access your data, and it’s never stored or transmitted anywhere.

## KEY NO. 3: SYNC BETWEEN DESKTOPS, LAPTOPS, TABLETS, AND SMARTPHONES

Password Boss syncs your data across devices, so you have secure access – anytime, anywhere.

## KEY NO. 4: EASY SHARING

Securely share any data instantly with trusted friends and family.

## KEY NO. 5: HASSLE-FREE ONLINE SHOPPING

No more filling out forms at check-out. Password Boss can auto-complete your online purchase forms – with credit card info – with a single click or touch.

## KEY NO. 6: THEFT PROTECTION

Lose your phone? Password Boss quickly deletes data from a lost or stolen device – but you still have your secure backup copy, so you can immediately use Password Boss on your replacement device.

## KEY NO. 7: SECURE TRANSACTIONS

Need an extra level of protection? Password Boss can automatically launch its built-in secure browser and anti-malware technology to ensure your sensitive financial transactions stay private. Or use the optional two-step verification.



# At A Glance: Free vs. Premium Versions of Password Boss

Password Boss is available as both a Free and a Premium version. The table below describes the differences in the versions.

A premium version with features such as online backups, two-step verification and unlimited, secure password sharing is available for \$29 per year. A 5-user family plan is also available for \$69 per year. Password Boss Premium is available free of charge to charitable organizations, schools, universities and religious organizations. An online application is available on the website.

## Choose what's best for you.

### FREE

### PREMIUM

**Password Vault**  
Store an unlimited number of passwords



**Digital Wallet**  
Save time with faster online checkouts



**Auto-fill**  
Automatically fill in forms on websites



**Works on all Platforms**  
Available for PC, iOS and Android



**Access From Anywhere**  
Unlimited syncing across all your devices



**Unlimited Secure Sharing**  
Share anything with the people you trust



**Theft Protection**  
Delete data from lost devices



**2-Step Authentication**  
Additional layer of security to keep your data safe



**Automatic Online Backup**  
Keep your data safe



**Priority Support**  
Get your questions answered fast



# Glossary

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## PASSWORD MANAGER

A software application that lets you store and securely organize your passwords to multiple accounts. Password managers typically encrypt passwords for added security. The user enters a master password - a single, ideally very strong password - that permits the user access to the entire password database.

## LOCAL-ONLY DECRYPTION

Password Boss encrypts and decrypts all of your password data locally. That means your sensitive data only resides locally on your PC, phone, or tablet.

## TWO-STEP VERIFICATION

This enhanced method of security provides unambiguous identification of users by combining two separate components – typically something the user knows, something the user possesses, or something that is inseparable from the user. For instance, someone withdrawing money from an ATM has a token (a debit card) and a PIN (something only the user knows).

## DIGITAL WALLET

An online or mobile application or even a separate device that lets you complete e-commerce transactions securely and quickly using stored value or access to online financial accounts. Using a digital wallet, you can make purchases online or in stores (typically using a smartphone).

## SECURE NOTES

Password Boss can store virtually any kind of free-text information securely and easily using its Secure Notes feature that lets you enter information into on a simple notepad-like screen. For instance, you might store a combination to a safe (or even a bike lock). Or you might enter location information for a safe deposit box.

## SECURE BROWSER

A browser designed and defined through a variety of parameters and configurations to shield the user's identity and credentials and limit the user's security exposures and vulnerabilities to viruses, identity theft, hacking, and other threats.

## ONE-CLICK LOGIN

After a user logs in to the Password Boss application, a user can click the logo for the site they want to log into and Password Boss will open the website and log the user in automatically.

## PDKDF2 *Password-Based Key Derivation Function 2*

This is a key-derivation function from RSA Laboratories' Public Key Cryptography Standards and is the technology used by Password Boss to secure user data. PBKDF2 applies a pseudorandom function, such as a cryptographic hash, cipher, or HMAC to the input password along with a salt value and repeats the process many times to produce a derived key that can be used as a cryptographic key in subsequent operations. \*(courtesy of Wikipedia)



## AES-256 ENCRYPTION

The encryption framework used to secure Password Boss' various databases. The Advanced Encryption Standard (AES) is a specification for encrypting electronic data, established by the U.S. National Institute of Standards and Technology (NIST) in 2001.  
*\*(courtesy of Wikipedia)*

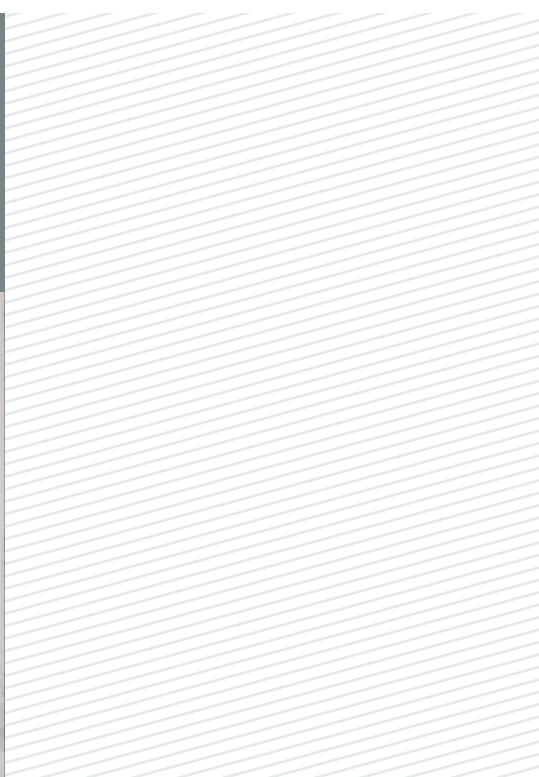
## RSA PUBLIC/PRIVATE KEYS

Password Boss uses RSA keys to encrypt/decrypt data when one user shares a stored item (password, account, ID, etc.) with another user. Only the two parties have access to the shared item. At no time is the unencrypted data available to anyone else.





PASSWORD  
BOSS



## Kick Bad Password Habits

[www.passwordboss.com](http://www.passwordboss.com)  
press@passwordboss.com

