

Authentication Evolved



How it works

Simple, secure solution

With a single PassKey, staff can access private networks, web portals, email and applications without the need for numerous, antiquated and vulnerable username and password combinations. Instead of providing a username and password to gain access, the user connects a physical PassKey token to the USB port, NFC reader or connects the mobile token via Bluetooth technology or Wi-Fi. The PassKey triggers WWPass' patented cloud technology, accessing the fragmented, encrypted and dispersed data. WWPass' PassKey technology is the only solution that provides 100-percent user anonymity and a completely secure solution.

Why it's stronger

Data encryption, fragmentation and dispersion

WWPass' cloud-based, multi-factor authentication solution stands alone in the authentication and privacy protection market. Our patented PassKey technology encrypts user data and fragments and disperses the data across 12 locations worldwide, making it totally inaccessible to identity thieves, and thus producing an unparalleled level of security.

Why it's better

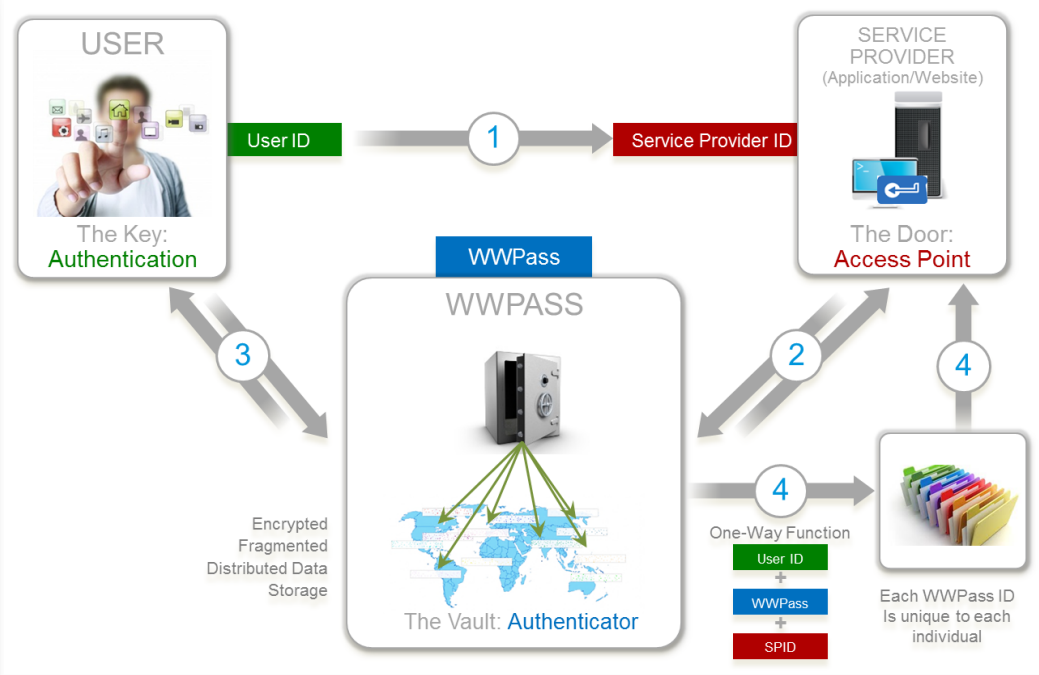
Convenient, compliant, cost-effective

Convenience - WWPass offers convenience. A single key offers users access to all the websites and applications they need. In simplest terms, we offer a single key to many doors, leaving the hassle of creating unique and secure usernames and passwords behind.

Compliance - IT security is a growing issue of concern across all industries and WWPass helps organizations to not only meet, but exceed compliance requirements as defined under HIPAA, PCI, SEC, and FERPA guidelines.

Cost effective - WWPass offers two multi-factor solutions - a Standard Edition featuring access to a mobile PassKey security token for \$1 per user per month and the Pro Edition featuring the mobile PassKey security token, as well as a full set of physical PassKeys and the ability to manage multiple tokens for \$3 per user per month.

WWPass provides true multi-factor authentication that prevents criminal impersonation of user accounts and helps protect your company from fraudulent activities.



How It Works

- 1** User initiates login to Service Provider
- 2** Service Provider and WWPass authenticate via symmetric keys.
- 3** User authenticates with WWPass using his PassKey.
- 4** User ID and SPID are combined to create a pointer to a set of application specific Data Container(s), which is provided to the Service Provider to complete the authentication.

WWPass Differentiators

- Protects user credentials from sophisticated attacks such as phishing and man-in-the-middle attacks.
- No additional hardware or software infrastructure required.
- Encryption, Fragmentation and Dispersion of credential data makes user impersonation virtually impossible.
- No OTP or SMS texts that can be intercepted by cyber thieves.
- PassKeys are managed by the user, not by your IT department or WWPass.
- WWPass keeps data isolated no matter how many enabled applications a user accesses with the same PassKey.

WWPass Authentication

Robust Authentication

Exceptionally Secure

Security is ensured by WWPass' patented multilateral authentication technology, which requires the authentication of the service provider and the user with WWPass, every time. By fragmenting, encrypting and globally dispersing the user's identity, the user becomes invisible to hackers. Each user has a single, unique PassKey which acts as a secure and portable cryptographic authentication device that provides access to all their corporate resources.

Enhances Compliance

We ensure that credential data at rest is fully encrypted, fragmented, and dispersed. Combined with our multi-factor authentication, we help you to exceed compliance requirements such as SEC, FERPA, PCI, and HIPAA. Risk and liability management are easier and more effective, helping your business avoid costly compliance-related penalties.

Simple to Deploy and Maintain

A Software Development Kit (SDK) makes it easy for developers to WWPass-enable applications and websites, while self-service PassKey management saves time for end-users, who initiate and replace their own keys, and reduces the burden on IT staff and customer support.

Multiple Form-factors

The PassKey is available as a USB fob, Common Access Card, or Smartphone and can connect to a computing device via USB, NFC, Bluetooth, or WiFi.

Powerful Data Security

Completely Secure Data Access

Anyone who tries to access your data must go through WWPass' rigorous authentication measures. By using unique encryption processes, the credential data cannot be accessed without the proper encryption keys from both the user and the service provider.

Because we take the additional step of fragmenting and dispersing the credential data to 12 globally distributed nodes, the data can only be recompiled after both parties have authenticated.

Credential data is secured in our privately managed data centers utilizing

Minimizes Risk of Data Breaches

No one can compromise the user's PassKey. The credentials associated with it are anonymous to applications and WWPass, and are not stored on the PassKey or the user's computer.

Ensures Anonymity and Privacy

Third parties will never know who your internal users or customers are, or be able to steal their logon credentials. Not even WWPass.

Enterprise Solutions

Enterprise Applications

By enabling WWPass authentication to third party or in-house applications and tools you not only lock down valuable corporate assets, you also make it convenient for your team to be productive and stay connected to the enterprise.

Single Sign-On

With WWPass authentication, the user logs on using his PassKey and access code without needing to remember countless username and password pairs. WWPass provides secure authentication with SAML 2.0 compliant applications to provide single sign-on access that enhances user productivity without compromising security.

Remote Access

Simplify and boost authentication security for remote network access through VPNs and web-portals.

Email Security

With the unique PassKey, a user can send and receive encrypted messages and attachments, and digitally sign emails.

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