



The problems we solve

Phishing attacks

Each person has in average more than 100 online and mobile accounts requiring a password and this number could double within 3 years. We all mainly use either simple passwords, reuse a few passwords or use password managers. All these are a root cause of security issues with major potential financial impacts like ransomware and phishing.

Digital assets or private keys stealing

Digital assets sit on blockchains and user interactions involve personal public key pairs that must be stored securely. Secure storage is not enough and protocols must also involve secure interactions to guarantee that private keys are not being used to sign or certify malicious injected data.

Our solution

Valmido removes the need of passwords altogether by leveraging the latest passwordless interoperable authentication protocols defined by the FIDO Alliance (Google, Microsoft, Apple, Linux foundation, etc.). This solution also completely removes the risks of phishing since password stealing is not possible anymore and authentication is done with public key cryptography. Since we deal with public key protocols it is fundamental to keep these personal private keys on a very secure device.

Valmido solutions integrate three components:

- A next generation smartcard secure device with an onboard fingerprint sensor along with contactless and Bluetooth communications capabilities and a small screen. Fingerprints never leave the card and are used only locally
- On the smartphone and desktops Valmido provides an application to simplify the management of the smartcard updates along with an SDK to enable application developers to interact with secure applications in the secure device.
- A set of web services to provide self-service for users and an app store to download and install applications on the smartcard.

Our business models and distribution channels

B2B

For enterprise solutions we will partner with major Identity Providers like Axiad, Forgerock, Okta, and Ping to name a few. This will enable enterprise secure passwordless login, digital signatures, VPN and other secure services that can leverage the Valmido three pillars platform.

B2C

In a second phase we will enable the implementation of multiple crypto wallets on the Valmido secure device and the Valmido three pillars platform.

Our competitors

For passwordless authentication Yubico is a major competitor as the dominant FIDO dongle provider

In the hardware crypto wallet market some key players are Ledger, Trezor (Satoshi Labs), KeepKey, CoinKite and others