lawtrust
information security solutions

an ETION company

SolidID
FIDO U2F Key and Password Vault

In todays world where high profile leaks of personal information and phishing attacks are rampant, a new approach is required to provide secure authentication.

As a member of the FIDO Alliance, Etion Secure (incorporating LAWTrust) proudly presents the SolidID webKey USB device, implementing FIDO Universal 2nd Factor (U2F) authentication.

The device allows an unlimited number of FIDO U2F registrations for second factor authentication on popular websites like google, Facebook and Dropbox.

The SolidID webKey also provides portable storage for passwords and associated account data. It is easily carried around on the provided lanyard.

The secure storage space (a physical password vault) can store up to 2000 password records. Password entries that can only be read or modified upon detection of a user presence (touch).

An SDK is available to integrate the password storage features into your own application. Our expert team can also do the integration for you.

All communications protocols use the Human Interface Device (HID) interface format and as a result the device is typically unaffected by corporate USB flash disk policies.

Use the SolidID webKey to add easy to use, standards based, cryptographic authentication for your own applications, while providing your users with a highly interoperable authentication device that can be used on any cloud application that supports FIDO U2F..

SolidID FEATURES

CRYPTOGRAPHY

P256 ECC algorithm for performing the FIDO U2F protocol
SHA 256 Hashing

SUPPORTED PLATFORMS

The FIDO U2F capability can be used on any platform that supports USB with the required browser support. This includes PC and MAC.

The FIDO U2F capability is currently (June 2018) supported by the following browsers:
Google Chrome
Firefox
Opera

More browsers are expected to add support for FIDO.

INTEGRATION

The device has been tested for interoperability with all major FIDO U2F websites and operating systems.

FIDO U2F Interoperability tests have been concluded with:
Entrust Datacard IntelliTrust Authentication Service
Micro Focus Advanced Authentication Framework.

Password management SDK or application is available on a project basis. Please discuss with your account manager.

INTERFACES

USB-A connector
HID interface
Capacitive touch sensor
Green LED

CERTIFICATIONS

Fido U2F Certification pending.