



FIDO2 TOKEN

Securing your future against cyber attacks

About Trust1Team

Founded by Michallis Pashidis in 2014, Trust1Team is a globally born integrator company guided by the spirit of open collaboration & excellence, with trust & integrity lying at the heart of its business.

The company provides innovative solutions ranging from smart identification & digital signing to secure authentication & mobile app shielding.

Marked by strong network, reputation & software engineering expertise, Trust1team works in a spirit of collaboration on an international level with partners in numerous industries, ranging from fintech & insurance to health & the public sector.



FIDO 2 TOKENS Overview

2 out of 5 companies have over 1000 files open for anyone to see, including files with sensitive information. In 2021 it will cost 6\$ trillion to combat cyber crime.

In order to ensure the user's privacy, Trust1team has designed the FIDO2Token destined to secure all major browsers and operating systems from cyber attacks. With easy and fast authentication, FiDO2 ensures secure protection of any individual, IT firm or company.

No user information that could give a hint about further web activities can be transferred, secure three factor authentication ensures that all personal data is protected from phishing and cyber threats, & the biometric data of the user stays imprinted in the user device to ensure maximal security.



Why choose T1T FIDO2 Token?

- Eliminates account takeovers and delivers strong phishing defense
- Enables secure web and mobile app login across all major operating systems such as iOS, Android, Windows 10, and Linux, and across all major browsers
- Provides strong password-less, strong two-factor and multi-factor authentication
- Secure and encrypted Hardware Storage that keeps all users' keys and certificates secure against any third party attack
- International Standards Compliance with different tools and third-party software such as PKCS11# and Microsoft CSP. International standards cover: PKCS (1, 5, 7,8, 10, 11, 2.2 & 12), X5.09 Certificates, CSP and FIPS 140-2-L2

What is System Authentication?

System Authentication is the operation of user logging into any system. The system can be Operating System, VPN, Network, and Websites. System Authentication strength depends on the factors of authentication

There are three factors of authentication:



Something you KNOW



Something you HAVE



Something you ARE

One Factor Authentication: User authenticates using password only. This is considered non-secure.

Two Factors Authentication: User authenticates using Hardware Device with PIN (e.g. FIDO2 Token). This is considered a secure authentication.

Three Factors Authentication: User authenticates using Hardware Device with PIN and Biometric property of the user (e.g. FIDO2 Token with Fingerprint). This is considered the most secure authentication.



FIDO 2 TOKEN Solutions

Trust1Team FIDO2 Token can be integrated in different solutions to provide all Digital Signature and User Authentication operations.

Email & Document Security



Email & Document security is considered an important issue both from an organizational and personal perspective. FIDO2 Token can be easily integrated to fully secure emails and documents. Security operations include adding personal Digital Signature and Encrypting Emails and Documents. T1T FIDO2 Token is easily integrated with different Mail Clients and Document Applications.

Windows & VPN Secure Authentication



System Authentication is considered a very critical operation within any organization. T1T FIDO2 Token can be integrated within Windows™ domain, so that user can login using FIDO2 Tokens instead of Passwords. This can be also applied to VPN, which is more critical to the security of the system.

Web Security



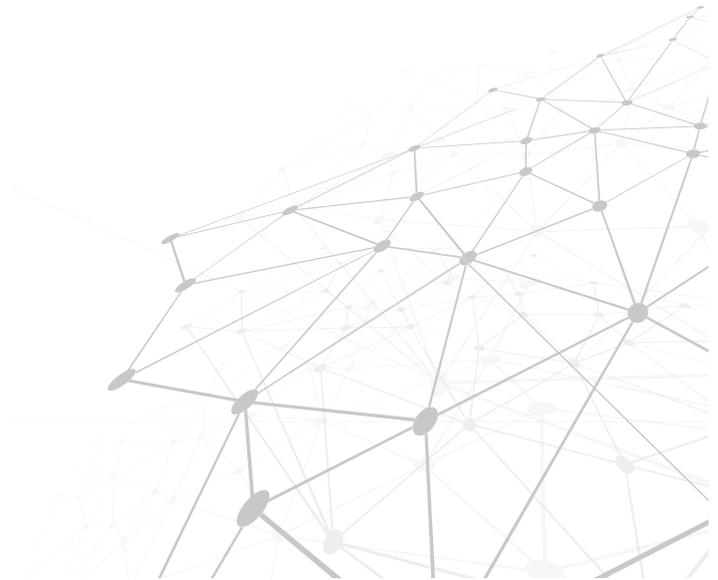
Websites and portal require many security requirements to overcome different attacks. T1T FIDO2 Token provides a solution for Secure Web Authentication replacing standard insecure methods of User name and Password. FIDO2 Token can be used in securing sensitive online transactions (e.g. banking, stock market, online purchasing ...)



Product specifications

Product	FIDO 2	FIDO 2 fingerprint
System	Windows, mac OS, Linux	Windows, mac OS, Linux
Browser	Edge, Chrome, Firefox, Opera, Safari	Edge,Chrome,Firefox, Opera, Safari
Functions	FIDO U2F, FIDO2, OATH HOTP(optional)	FIDO U2F, FIDO2, OATH HOTP(optional)
Algorithm	SHA256, AES, HMAC, ECDH, ECDSA	SHA256,AES,HMAC, ECDH, ECDSA
Size	44.7x 16.0x9.0(mm)	63.7x 1911.6(mm)
Interface	USB-A	USB-A
Protocol	CTAPHID, HID Keyboard, CCID(optional), NFC(optional), BLE(optional)	CTAPHID, HID Keyboard, CCID(optional), NFC(optional), BLE(optional)
Data Retention	≥10 years	≥10 years
Rewrite Cycle	≥100,000 times	≥100,000 times
Operating Voltage	5V%10±	5V%10±
Storage Temperature	- 20 ° C ~ 60 ° C	- 20 ° C ~ 60 ° C
Indicator Light	White, Blue (Optional)	White, Blue (Optional)
Material	AL, PC	AL, PC

Certificate	CE, FCC, RoHS, WEEE, FIDO2 L1	CE, FCC, RoHS, WEEE, BQB, FIDO2 L1
Operating Current	Max<40mA	Max<40mA
Button Endurance	≥100,000 times	N/A
FP Sensor Resolution	N/A	508dpi
Verification Time	N/A	< 1s
False Accept Rate	N/A	< 0.001 %
False Reject Rate	N/A	< 1 %
Storage	N/A	30 fingerprints
Operating Temperature	- 10 ° C ~ 60 ° C	- 10 ° C ~ 60 ° C



For more information, please visit www.trust1team.com or contact sales@trust1team.com

Copyright © Trust1team 2020. All rights reserved.