TrustedIcon

Secure Data Storage & Management

- Easy Secure Login
- Secure Digital Media
- Secure File
- Secure Browser
- Digital Signing Tool

TrustedIcon is a unique platform developed ground up which combines security of data at rest or in transit, TrustedIcon which is a USB Form Factor portable storage device doubles as an application launcher for secure applications which could be compromised on a PC Hard Drive. For ex, you may enable remote secure access to company's resources from own appliance or public networks. It also features a portable secure browser to minimize browsing trails on host machine.

The solution combines the advantages of mass storage token (AES Encryption and Read Only features) that secures identity and protects sensitive files with proven smart card technology. The Secure File application of the platform can secure your important and valuable Files / Data in a secure partition with Smart Card technology. The solution has been packaged as a secure portable drive for laptops/ desktops. The solution has been used in military applications. Available for Windows, Linux and PowerPC.

TrustedIcon Features

01 Storage in secure partition with AES Encryption & Smart Card Authentication.

02 PKCS#11 based Smart Card always on encryption.

03 Files / Data can encrypt with AES 256 Encryption. (option for third party crypto)

04 Sensitive Files/ Data stored in a secure partition with hardware AES Encryption.

05 Protection against document loss and malicious copying or transfer.

06 Zero footprint Plug and Play on multiple Operating Systems.

07 ID-0-0-0 Smart Card Reader with HID 1 CCID switch.

08 Tamper proof (self-destruction feature if tampered).

09 Virtual Keyboard for secure editing. (Option Available).

10 High Flash Memory capacity 2 to 32 GB with AES Hardware Encryption.

11 USB 2.0 High Speed Mass Storage interface.

12 Metal outer housing for protection against physical damage.

13 Protection against malware attacks.

14 Temperature ranges suitable for industrial and military applications.

15 Micro SDHC Card interface.

TrustedIcon in Banking

Secure Storage:

Banks and financial institutions require the most secure repositories for storing their critical business data. Data storage must be protected at all stages while at the same time ensuring record keeping and bank regulation compliance. By using Trusted Icon the customer gets a storage solution with complete end-to-end data protection.

Trusted Icon locks down the sensitive data with an on-board, hardware encryption engine that puts a military-grade, AES-256 wall between unauthorized users and the drive's contents.

Secure Transactions:

Secure Browser is an enhanced technology for the safety of financial transactions. Secure browser is a small USB stick which provides the same bank-grade encryption as the VPN. Simply plug in the USB, surf the web, then remove the USB when you leave the computer. It will erase all the records of usage. Cookies, session, history, browsing data, downloads will be saved in a secure storage of Trusted Icon. This gives you enhanced security cover while using unsecured computers, office computers, or public Wi-Fi connections which can be a possible data vulnerability.

The security of sensitive information is always at the back of your mind when you are accessible to or accessed via third parties. Ensure that your financial transactions are safe and secure. With the Secure Browser and forget those apprehensions.

Online Banking:

Online security starts with your web browser. QuikProto Trusted Icon offers a 128-bit encrypted Secure Browser. This provides a high level of protection for transmitting confidential data over the Internet.

Online Banking requires the use of secure browsers to protect you while accessing online financial and banking services. More specifically, the personal and account information that flows back and forth between your PC and the bank must be encrypted in transit through a secure browser. Encryption is the process of scrambling information (typically for data transmission) so that it can only be reassembled in its original clear text format by someone who has the correct encryption key to do so. When used between you and the bank, this technology encrypts your personal information and sends it to the bank. Data remains encrypted until the bank receives and decrypts it. Likewise, when bank sends personal or account information to you, this technology encrypts it until it is received by your PC.

For Companies:

Submitting tax, insurance and employment documents: GST returns and GST registers, Intrastat, etc. registration of labor and civil contracts. Issuing electronic invoices, which are recognized electronic documents and thus saves time and costs, improve the relationships with your partners and clients. Switching to paperless document expedites flow and simplifies storage thus reducing costs and accelerating the business processes. Our specialized software for electronic signing of documents and maintaining records can be a reliable assistance. By introducing policy of signing the internal document flow you also enhance the transparency and ensure credibility and irrevocability of the business processes.

Simple and user friendly solutions:

There's no need for employees to install drivers or other software to securely access their stored data, workspace or applications. Trusted Icon comes pre-loaded with all recommended features, and they leave no trace on the host PC.

Security also enhances productivity:

Data security involves more than just locking down the data. Workers need the flexibility of working from PCs. Solutions available on TrustedIcon, add security by enabling employees and contractors to safely work from any computer at the office, at home, or on the road with a fully functioning Microsoft Windows that goes everywhere. Hardware encryption and strong authentication keeps confidential data where it belongs to and secure workspace by fully isolating the systems from malware or other potential threats that may be present on the host computer.

Securing information exchange:

You can sign your correspondence to be sure that it remains unchanged in the Internet while transmitting to the right recipient. Electronic signatures offer a mechanism to encrypt the information, so that it remains completely confidential

01 Database Security

02 OEM Equipment Security

03 SCADA Security

04 Safe Storage

05 Data Center Security

06 On board Security

TrustedIcon
Typical Usage

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