



Watchdata PROXKey

USB TOKEN ENTERPRISE SOLUTIONS

Higher level of security for strong authentication,
digital security and file encryption

Rapid computer technology and network development enable various industry sectors such as banks, government organizations and enterprises to offer different kinds of services online. Protecting online data transmission, however, has been a very difficult task. Malicious attacks and identity tampering to commit online fraud is on the rise and the need for enhanced protection of networks, applications and data has never been greater

Watchdata offers wide range of online security solutions based on PKI and the latest generation of USB tokens built to facilitate high-speed data transmission and encryption operations that goes beyond the protection of traditional key tokens

PKI-based USB token solution securely stores certificates and private keys and ensures that user's identity is tamper proof. It can process electronic signature during the electronic transactions, and effectively prevent phishing and man-in-the-middle attacks, extensively increasing the security level of the application.



YOUR SECURITY OUR RESPONSIBILITY

USB Token Benefits

- Secure and reliable environment under the guarantee of PKI technology.
- Ease of deployment to enable service providers develop more e-commerce business through trusted network platforms.
- Smarter security and increased access through strong authentication, data encryption and PKI services.
- Multi-application capability such as online transaction, access control, micro payment and ID.

Applications

- Tax filing & compliance
- Business applications : invoice & Legal document signing
- Windows Login Authentication
- Eprocurement | E Bidding | E Auction
- Government Paperless office work flow management
- Secure Banking Transaction

TECHNICAL SPECIFICATIONS



Supported OS
Windows 7/8/10, Windows server 2012, MAC, Linux, Ubuntu



Supported Browsers
IE6.0-IE11, Firefox, chrome, Safari



API Standards
PKCS#11 V2.10, Microsoft CAPI 2.0, Microsoft CNG, X.509 V3, SSL v3



ISO Specification
ISO 7816-4 (Smart Card)



Security Algorithms Supported
TDES, AES, RSA1024/2048, ECDSA P-192/P-256, SHA-1, SHA-256, SHA-384, SHA-512



USB Version
2.0



Memory Size & Data Retention
82K upto 10 years



USB Certification
CE/FCC/FIPS 140-2 LEVEL 3/Entrust Ready



Storage temperature & Humidity rating
82K -40° C to 85° C (-40° F to 185° F) & 0-100% without condensation
10 years



Memory Cell Rewrite Life
More than 1,00,000 time



Weight & Size
7 gms, 52.1mm X 16.8mm X 7.9mm.



Operating Max & Min temperature
-20°C ~ 55°C



Level 3



KEY FEATURES



Auto Driver Update

Token Driver automatically prompts to update latest available driver and updates driver in a single click. Users can get latest features and security updates



SoftKey Keyboard

Token Has Soft Keyboard Functionality To Enhanced Security. User Can Key In Pin, Upgrade Password With The Soft Key Board



Print Certificate

Token driver has been configured to print certificate credential like Name, Organization Name, Policy Class & Expiry date to a thermal sticker printer



Inbuilt PDF, Office & File Signer

Digitally sign PDF, Office & other file format using 'ProxKey Signer'



Plug & Play Device

Proxkey offers plug & play simplicity for users with no end point software installation. The token automatically prompts for software installation



Inbuilt Remote Assistance Software

Remote assistance software is available in the Token user interface at a Single click. This eliminates the compatibility issues between the user and support executive and helps to resolve error hassle free



Inbuilt Diagnostic Tool

Proxkey Diagnostics tool helps detect problems in tokens, it can identify system and token information, Repair tokens and generate error logs



Ticket Support

User can raise ticket directly to the support center, Get Email & SMS alerts, Upload Error Screen shot & Get access to downloads section



One Click System & Java Settings

Configure browser & Java settings for major PKI apps in India with inbuilt utility in a single click



Multi Operating System Support

The USB interface eliminates the need to install card readers at the client side. Tokens are compatible with Windows, MAC, Linux, Ubuntu operating systems



In Built Root Certificate

The Driver Utility automatically Installs the Roots of the Certifying Authority as Trusted Roots. What's more, You don't need to Install the Root



Certificate Expiry Notification

Token tool prompts for the certificate expiry during last 30 days of its validity. Never lose due to expired certificate validity. Get your certificate renewed before time

