

# 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 us 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, Ubantu



API Standards

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



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



ISO Specification ISO 7816-4 (Smart Card)



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



Memory Size & Data Retention 82K upto 10 years



USB Version 2.0



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.







PROXKey



#### 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 Ehnaced 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



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Inbuilt PDF, Office & File Signer

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



#### Plug & Play Device

Proxkey offers play & 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

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#### 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, Ubantu operting 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



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