

# GreenPass - Real Zero Footprint Solution



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## **GreenPass — Zero footprint solution from Feitian**

GreenPass is a zero footprint, certificate based authentication solution released by Feitian Technologies. GreenPass comprises the convenience of zero footprint technique, simplicity of plug-and-play and high security of PKI based two factor authentication to a high performance smart card based token which presents users freedom to surf the internet anytime, anywhere under an absolute secure and reliable environment.

### **A Risk Free Solution for Online Applications Anywhere**

The portable zero footprint design of GreenPass makes it possible to free users from installing client software or plug-ins, which might bring virus or Trojan Horse to the computer, or threaten the confident data of the users. With a GreenPass token, the influence to the computer is minimized, and the threats coming from the internet are efficiently prevented. GreenPass token is the ideal portable solution for people to carry about and enjoy the secure, reliable experience at home, in the office, or at any public network environment with any computer.

### **A Personal Mobile Solution for PKI, Data Storage, and Customized Application**

GreenPass solution provides different modules to achieve different media distributing requirements. The onboard virtual CD-ROM drive provides zero footprint applications with auto-run feature. Customized applications are preassembled in the read-only CD-ROM drive, users only need to insert the GreenPass token, and then operate. At the same time, a USB flash drive is presented for users to store their personal data. High-speed USB 2.0 based flash drive enable users to store and handle documents within the token. No data needs to go outside of the GreenPass token. In addition, the smart card USB token allows user to store their digital certificate and use it to sign or encrypt the documents. GreenPass is a perfect personal mobile solution to make your Internet life so easy.

### **A Flexible Solution for Online Services, Enterprises, and Personal Mobile Office**

GreenPass is the ideal choice for various online services including online banking, online government service, online education, e-commerce, etc... When the GreenPass token is insert to the PC, browser will pop out and go to the pre-set website automatically for user login. No software will be installed inside the computer, and once token is unconnected, no data or operating history will be left in the computer.

More portable features can be extended to GreenPass for enterprise solutions and personal mobile office. Zero footprint email client allows users to handle their personal email and save the messages onboard; PKCS#11 based VPN client enables people to establish SSL based VPN connection to the company internal network, open office to process documents and data sheets etc. Flexible customizable solutions are ready to fit any requirements from enterprises and personal users.

## Why GreenPass?

### Zero footprint

- GreenPass token provides zero footprint applications for user to browse the web pages, handle personal emails and handle the daily office works. All the applications do not install or save any data on host computer. No special permission is required during using the GreenPass applications. The zero footprint concept is the most important feature presented in GreenPass solution.

### Security and Reliability

- GreenPass token is a USB token, compact and portable. The high performance smart card based device provides onboard RSA encryption algorithm to support authentication, verification and information encryption services, and support e-mail encryption, digital signing and SSL. In addition, GreenPass is remarkably versatile and complete SDK may be used to create many other user defined applications.

### Convenience

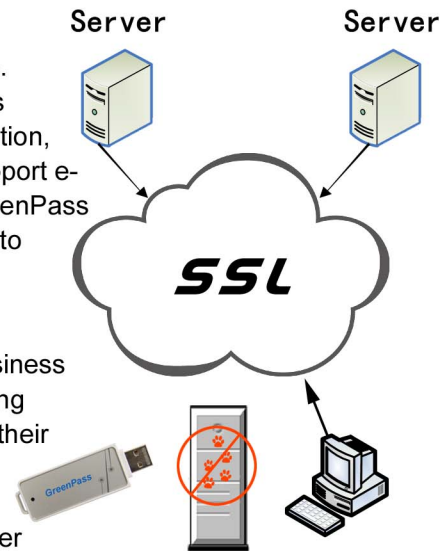
- GreenPass token is ideal for enterprise network and business security needs, while providing end users with full roaming capabilities. For consumers, who would like to log on to their banking services, shop online, the convenience of a hardy "plug-and-play" solution is unbeatable. Users can securely carry all their credentials with them wherever they go, and using the token is as simple as plugging in to any computer with a USB port.

### Plug and play

- GreenPass token eliminates the need for installing client software on host computer, and enables out-of-the-box connectivity to mainstream security applications via standard security interfaces with no install required, and no trace left on the host computer after the session

### Compatibility

- GreenPass token supports most up-to-date Windows, Linux and MAC operating systems. For any operating environments, the special package can be extended and integrated to the solution.



## Technical Specifications

Operation Temperature	0°C ~ 70°C
Storage Temperature	- 20°C ~ 85°C
Humidity Rating	0 ~ 100% without condensation
Dimension	75*22.5*10 mm
Weight	14g
Casing Material	ABS
Supported Operating Systems	Windows 2000/2003/XP/Vista/2008,Win7 Linux, MAC (Customizable)
Supported Browsers	Firefox 3.0+;Internet Explorer 6.0+(After middleware installed)
API and Standards	CSP/PKCS#11, X.509 v3 Certificate Storage, SSL v3, IPSec/IKE, Compliant with ISO7816
Safety Certifications	Common Criteria EAL4+ (Smartcard Chip ), CE/FCC
Environmental Certification	RoHS
Processor	8 bit Smart Card Chip
Secure Memory	32k
On-Board Security Algorithms	RSA、DES、3DES、SHA-1
Chip Security Level	Secured and Encrypted Data Storage
Connector Type	High speed USB2.0
Memory Data Retention	At least 10 Years
Memory Cell Rewrites	At least 100,000 times
Flash Memory	2GB-8GB (Optional)