The FortiToken 300 product is comprised of a hardware token (FortiToken 300 PKI USB token) with a chip operating system that resides on the smart card chip of the token, and a security client software application (works only with FortiToken 300).

Strong Authentication at your Fingertips
Each FortiToken 300 PKI USB token is a hardware-security-module for authentication and cryptographic applications based on Microsoft CAPI* and PKCS#11**.

- Driverless USB device
- High-performance smart card chip
- FIPS140-2 Level 3 Certified
- Windows, Linux and MacOS supported
- MS-CAPI and PKCS#11 APIs supported
- Onboard random number generator
- Onboard RSA, AES, DES/3DES, SHA-1, SHA-256 algorithms approved by NIST FIPS CAVP
- Economical PKI authenticator
- Perpetual license
- Tamper evident hardware USB Token
- Easy integration with various

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*CAPI: Cryptographic Application Programming Interface.
**PKCS#11: Public-Key Cryptography Standards #11 v2.20, Cryptographic Token Interface Standard.
Specifications

**FORTITOKEN 300**

**Supported Operating System**
- 32-bit and 64-bit Windows XP SP3, Server2003, Vista, Server2008, 7, 8, 10, Server2012, 8.1
- 32-bit and 64-bit Linux
- MacOS X

**Middleware**
- Windows middleware for Windows CSP
- Direct-calling library for PKCS#11 under Windows, Linux and MAC

**Standards**
- X.509 v3 Certificate Storage
- SSL v3
- IPSec
- ISO 7816 1-4 8 9 12
- CCID

**Cryptographic Algorithms**
- RSA 512/1024/2048 bit
- ECC/192/256 bit
- DES/3DES
- AES 128/192/256 bit
- SHA-1 / SHA-256

**Cryptographic Functions**
- Onboard key pair generation
- Onboard digital signature and verification
- Onboard data encryption and decryption

**Cryptographic APIs**
- PKCS#11
- PC/SC
- Microsoft Crypto API (CAPI)
- Cryptography API: Next Generation (CNG)

**Processor**
- 16-bit smart card chip (Common Criteria EAL 5+ certified)

**Memory Space**
- 64KB (EEPROM)

**Endurance**
- At least 500,000 write/erase cycles

**Data Retention**
- More than 10 years

**Connectivity**
- USB 2.0 full-speed, Connector type A

**Interface**
- ISO 7816
- CCID

**Power Consumption**
- Less than 250 mW

**Operating Temperature**
- 0–70°C (32–158°F)

**Storage Temperature**
- 20–85°C (+4–185°F)

**Humidity**
- 0–100% without condensation

**Water Resistance**
- IPX8 with glue injection (under evaluation)

**PLATFORM SCALABILITY**

FortiToken scalability for specific platforms can be found in the Fortinet Product Matrix located at http://www.fortinet.com/sites/default/files/productdatasheets/Fortinet_Product_Matrix.pdf

**Order Information**

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<th>Product</th>
<th>SKU</th>
<th>Description</th>
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<td>FTK-300-5</td>
<td>5 USB tokens for PKI certificate and client software. Perpetual license.</td>
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<td>FTK-300-10</td>
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