FORTINET

FortiToken™-200

One Time Password Token for Strong Authentication

Strong Authentication at Your Fingertips

The FortiToken-200 allows organizations to deploy a two-factor authentication solution. It is an easy-to-use, one-time password (OTP) token that reduces the risk of compromise created by alternative single-factor authentication systems relying on, for example, static passwords. The FortiToken enables administrators with the need for two-factor authentication to offer enhanced security for both remote and on-premise users. The FortiToken-200 is a part of Fortinet's broad multi-factor authentication product strategy; it ensures that only authorized individuals access your organization's sensitive information -- enabling business, protecting your data, lowering IT costs, and boosting user productivity.

Leverage Existing Fortinet Platforms

Each FortiGate™ consolidated security platform is able to provide an integrated authentication server. Combining this authentication capability with the FortiToken eliminates the need for the external server typically required when implementing two-factor solutions.

The short-lived, time-based token adds strong authentication to secure remote Virtual Private Network (VPN) IPSEC access, SSL VPN access, Wi-Fi Captive Portal network logon and FortiGate Administrator login. The token always remains synchronized with the FortiGate controller.

Seeds Managed by FortiGuard®

The FortiGuard™ Center maintains your token seeds in a cloud-based repository. Once a FortiToken has been registered, FortiGuard securely distributes the necessary token seeds to FortiGate to complete the process. When required by identity based security policies, the FortiGate is able to verify the users 6-digit OTP against its own database.

Standards and AAA Servers Compatibility

The FortiToken-200 is compatible with popular on-premise and remote access servers including Active Directory, LDAP and RADIUS. The FortiGate maintains the backend communication with these servers and at the same time manages the second factor authentication with the users. Moreover in combination with FortiGate, the token complies with OATH standards.

Resilient Design

The FortiToken-200 comes in tamper-resistant/tamper-evident packaging for additional security. The token also has a tamper-proof memory design which protects the internal synchronous dynamic password generator.
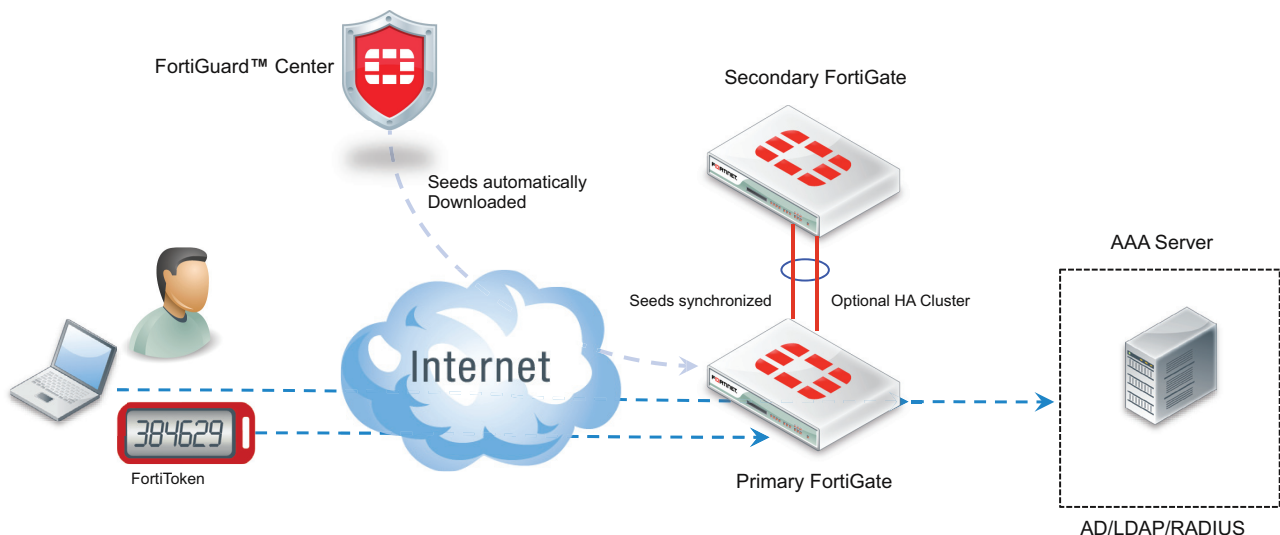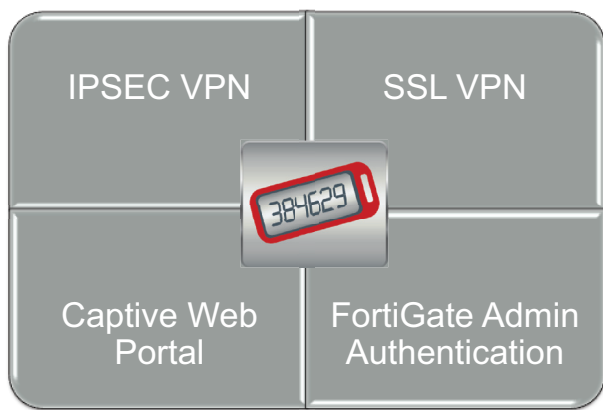
FortiToken Advantages

- Reduces costs and complexity by using your existing FortiGate as the two-factor authenticator

- Token seed repository by FortiGuard™ minimizes provisioning headaches

- Perpetual token license eliminates annual subscription fees
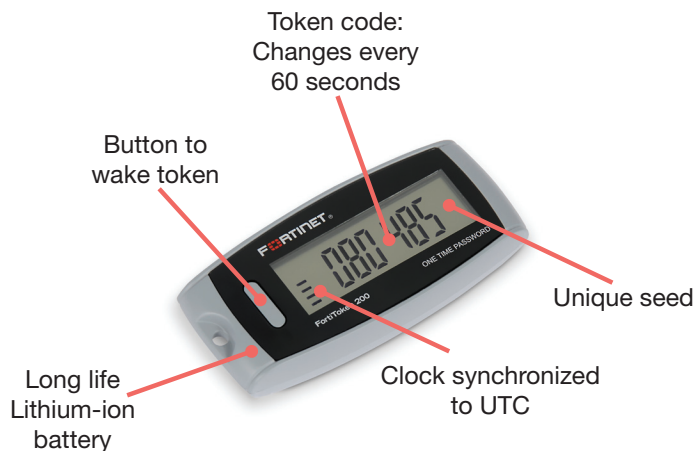
- Low cost of entry with scalability

Main Features

- Integrated with FortiClient™ and protected by FortiGuard™

- Standards-compliant

- Synchronized with FortiGate® OTP dbase

- Short-duration (60-seconds), time based , 6-digit password

FortiToken Common Use Cases

| IPSEC VPN | SSL VPN |
| Captive Web Portal | FortiGate Admin Authentication |

Token code: Changes every 60 seconds
Button to wake token
Unique seed
Long life Lithium-ion battery
Clock synchronized to UTC

Examples of Platform Scalability

FortiGate Model	FortiWiFi Model	Max Number of FortiTokens
FortiGate-50B	FortiWiFi-50B	20
FortiGate-60B/60C FortiGate-80C	FortiWiFi-60C FortiWiFi-80C	500
FortiGate-110C/FortiGate-111C FortiGate-200B/FortiGate-200B-POE FortiGate-310B/FortiGtate-311B FortiGate-620B/FortiGate-621B FortiGate-800		1000
FortiGate-1240B FortiGate-3016B FortiGate-3040B/FortiGate-3140B FortiGate-3600A		5000
FortiGate-3810 FortiGate-3950B/FortiGate-3951B ¬FortiGate-5001A/FortiGate-5001B		5000

Technical Specifications

Embedded Security Algorithm	OATH TOTP (Time-based)
Component	Built-in Button 6 Character LCD Screen Globally Unique Serial Number
Battery Lifetime	Up to 5 Years / Up to 14000 dynamic passwords
Operating Temperature	-10°C to 50°C
Storage Temperature	-20°C to 70°C
Water-Resistant	IP68 (Ingress Protection)
Casing	Hard Molded Plastic (ABS) Tamper-Evident /Tamper- Resistant
Secure Storage Medium	Static Random Access Memory (RAM)
Battery Type	Standard Lithium Battery
Hardware	RoHS Compliant

For a complete list of supported platforms, see the Maximum Values Matrix at http://docs.fortinet.com/

Ordering Info

Product	SKU
Two pieces, one-time password token, time based password generator. Perpetual license	FTK-200-2
Ten pieces, one-time password token, time based password generator. Perpetual license	FTK-200-10
Twenty pieces one-time password token, time based password generator. Perpetual license	FTK-200-20
Two-hundred pieces, one-time password token, time based password generator. Perpetual license	FTK-200-200

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