SafeNet eToken 3500

PRODUCT BRIEF

Benefits

- Generates electronic signature for transactions, ensuring their integrity
- Reduces threat of financial fraud resulting from MitM and MitB attacks
- Automatically generates the signature, preventing typing errors and enhancing convenience
- Provides secure remote access to networks, applications, and Web-based services
- Supported by extensible and flexible management platform that allows transaction signing and strong authentication
- SDK available for integration into native environments where full-scale back-end management server is not required

Features

- Strong authentication and transaction-signing OTP token
- Support for OATH OTP and OATH OCRA specification
- Standard support for RADIUS OTP
- Up to 10 different electronic signing functions
- Time-sync configuration
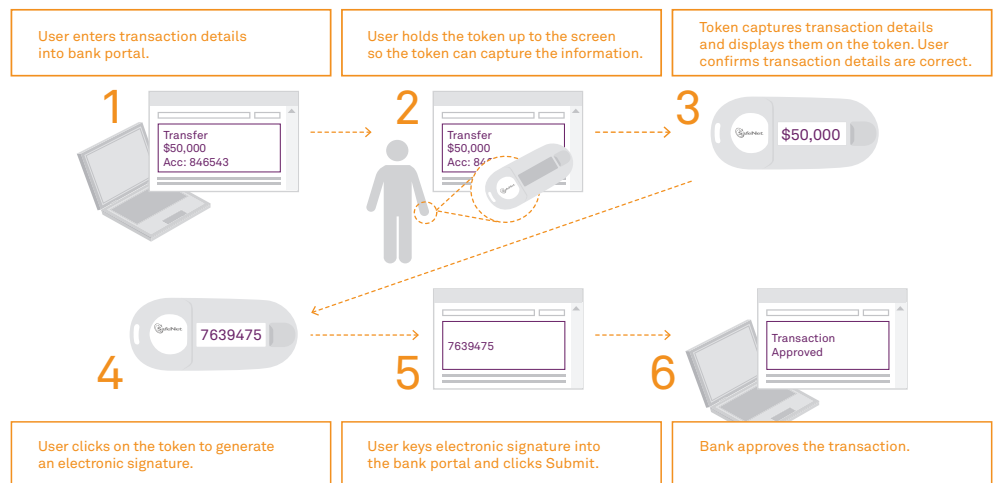- Generation of 4 to 10 digit OTP passwords

Out-of-Band Optical Transaction Signing and Strong Authentication Solution

SafeNet offers a comprehensive solution to address all risk levels in online banking. With threats such as Man-in-the-Browser and Man-in-the-Middle on the rise, especially for financial institutions with high-risk transactions or heavy volumes, authentication is not enough. Fraudulent transactions may appear to come from legitimate users, so transactions need to be validated.

The SafeNet eToken 3500 is an innovative, highly usable transaction signing and strong authentication device. It combines secure transaction signing and one-time password (OTP) strong authentication, enabling financial services organizations to significantly reduce the risk of online financial fraud.

The optical sensor on the SafeNet eToken 3500 reads transaction data from the Web browser and generates a unique electronic signature that is used to validate the transaction. Transaction data is configurable and can include the sum to be transferred, account numbers, and any other relevant details. By automatically reading the transaction details from the screen, SafeNet 3500 prevents typing errors and facilitates an easy and smooth signing process.

SafeNet eToken 3500 eliminates the risk of transaction tampering, as well as hacked, stolen, and forgotten passwords. It offers a secure, portable solution for mitigating the risks of fraud, unauthorized access, and identity theft. Moreover, SafeNet eToken 3500 lets organizations comply with a range of privacy and data protection regulations.

1 User enters transaction details into bank portal.

2 User holds the token up to the screen so the token can capture the information.

3 Token captures transaction details and displays them on the token. User confirms transaction details are correct.

4 User clicks on the token to generate an electronic signature.

5 User keys electronic signature into the bank portal and clicks Submit.

6 Bank approves the transaction.

Technical Specifications

Operating Temperature	0˚ to 40˚C (32 to 104˚ F)
Storage Temperature	0˚ to 60 ˚C (32˚ to 140˚ F)
Humidity Tolerance	Up to 90% non-condensing
Battery Lifetime	Minimum of 5 years, calculated as more than 9 years for 5 OTP and 5 signatures per day
Life Cycles	Average of 30,000 OTP cycles or 7,000 signatures
Dimensions	65 x 30 x 11 mm (2.55" x 1.18" x 0.43" inches)
Casing	Hard molded plastic, tamper evident
Management Server	SafeNet Authentication Manager
Supported Screens	LCD, CRT, LED monitor, projections
Supported Solutions	• Transaction signing • Remote network access (VPN) • Remote access to Web-based applications • Remote access to SaaS cloud-based applications

The SafeNet Family of Authentication Solutions

Offering flexible management platforms, the broadest range of strong authentication methodologies and form factors, and transaction verification capabilities, as well as identity federation and single sign-on, SafeNet solutions create a future-ready security foundation that allows organizations to adopt a modular, forward-looking identity management strategy, ensuring that their security needs are met as new threats, devices, and use cases evolve.

To learn more about SafeNet's complete portfolio of authentication solutions, visit our website at **www.safenet-inc.com**.