ActivePass™
OTP + PKI Hybrid
One Time Password Generator (OTP)

OTP + PKI Hybrid Token is a hybrid product that features the advantages of both e-SIGN OTP token and USB PKI authentication devices in a single keyfob sized design.

A totally self-contained conventional token with a keypad, display, and support for a wide range of authentication applications provides the necessary solution to all your authentication needs. Supported applications are OTP password, challenge, and e-Sign in both time and event based OATH algorithms. Additionally, a smart card based PKI security and authentication device is provided.

OTP + PKI Hybrid Token PKI technology can be utilized for digital signature of transactions in banking applications, and also helps to enhance the security requirements and compliance with more stringent financial regulations such as Sarbanes-Oxley, Basel II, and HIPAA.

The OTP + PKI Hybrid supports JavaCard 3.0 and Global Platform 2.2.1 compliant platforms based on the state-of-the-art controller with the award winning INTEGRITY GUARD digital hardware security. Together with the Trusted Logic operating system, this platform delivers the highest security level, compliance to international standards, and flexibility to ensure smooth integration into a wide range of infrastructure.

OTP + PKI Hybrid Token is an easy-to-use, convenient and self-contained device for effective user identification in an array of applications, providing two-factor authentication, hard-disk encryption, transaction and email signing, and more.
ActivePass™

OTP + PKI Hybrid

One Time Password Generator (OTP)

**OTP Features**

- Internal real-time clock for time based tokens
- Event and time based options
- Multi-application
- Multi-institute/ support key bucket
- Expected battery life of 5 years
- Intelligent battery management
- Customizable OTP length, OTP refresh frequency (for time based algorithms) and welcome message
- Device locks automatically after programmed number of invalid PIN attempts
- Remote un-blocking
- Dual function clear/off button
- 8 digit LCD + visual display of device status (7 icons)
- Elastomeric multilanguage keypad
- Internal tamper switch
- Responses are shown on the display in decimal
- A single check digit (ISO 7064-6) can be applied on the challenge and/or different response functions can be customized in each application
- Time independent response calculation with external challenge
- Time and event based response calculation with external challenge
- Time and event based one-time password generation

**PKI Features**

- Micro–SIM smart card connector
- USB 2.0 full speed interface
- Plug and play—CCID support
- Smart card reader:
  - Microprocessor cards with T=0 or T=1 protocol
  - Memory cards
  - PPS (Protocol and Parameters Selection)
  - Fully compliant ESD protection on card pins
- Application Programming Interface:
  - PC/SC
  - CT-API
- Smart card interface support:
  - ISO 7816 Class A, Class B, Class C, or Class AB
  - Smart Cards (1.8 V, 3.0 V and 5.0 V cards)
- Compliance/Certifications:
  - EMV 4.2/4.3, ETSI TS 102 221 and PC/SC standards
  - EN60950/IEC 60950, ISO 7816, CE, FCC, PC/SC CCID, EMV 2000 Level 1, RoHS, USB Full Speed
- Operating system support:
  - Win 2003 x64, Win 2003 R2 x64, Win XP x64, Win Vista x64, Win 2008 x64, Win 2008 R2 x64, Win 7 x64, Win 8 x64, Win Server 2012 x64
  - Mac
  - Linux
  - Android™ 3.1 and above