



## DATA SHEET



### KEY BENEFITS

#### *Convenient*

Offer your customers a choice of the VIP Security Card, VIP Security Token, VIP Access for Mobile Phone and VIP Access for SMS to generate One-Time Passwords for strong authentication.

#### *Comprehensive*

The capability to work with any OATH-compliant credentials and form factors addresses both the business need for protection and the consumer's desire for strong, but convenient security.

#### *Trusted*

VeriSign enables trusted services for over 900,000 Web sites, including over 93% of the Fortune 500, the world's 40 largest banks, and 43 out of the 50 biggest e-commerce sites.

## Credentials for VeriSign® Identity Protection (VIP) Services

It's not only the threat of fraud and identity theft that has spurred the market for strengthened consumer authentication; today, more and more enterprises are evaluating authentication options as a means for increasing business. However, many have found that traditional deployment models for strong authentication present significant cost and scalability problems when applied to the consumer market. In order to address both the business need for authentication and the consumer's desire for security and convenience, VeriSign offers a variety of methods for authentication—from tangible tokens to the use of SMS on mobile devices. Offering a choice can provide an added benefit to your consumers or employees and encourage use of strong authentication—thereby protecting your business and your customers to the fullest extent.

### + VeriSign Identity Protection Services

VeriSign® Identity Protection (VIP) Services are part of a comprehensive suite of authentication and fraud detection services designed to strengthen and protect consumers' digital identities. VIP enables both risk-based authentication through the VIP Fraud Detection Service as well as proactive authentication through the VIP Authentication Service. Because VIP is based on open standards and operates in compliance with Open AuTHentication (OATH) reference architecture, VIP will work with any OATH-compliant credentials and form factors.

### + Convenient Choice of Credentials

Outlined below, VIP supports the following credential options for generating One-Time Passwords (OTP) for strong authentication: VIP Security Card, VIP Security Token, VIP SMS OTP and VIP Access for Mobile Phones. By giving consumers a choice among different form factors, VIP can encourage use and provide a more convenient, more preferable security device for strong authentication.



**+ VIP Security Card**

The VIP Security Card is a handy security credential measuring the size and thickness of a credit card. The card combines the security of the VIP Authentication Service with the convenience of a credential that fits in a wallet. The VIP Security Card carries a three-year warranty and can be customized with company logo, message, and colors to suit your business.

**+ VIP Security Token**

The VIP Security Token enables strong authentication through a simple, cost-effective device that consumers and employees can carry on a keychain. The VIP Security Token offers consumers a choice between two form factors. While both tokens are easily portable, the VIP Security Token—HV08 generates OTPs that are time-based, while the VIP Security Token—HAI08 generates OTPs that are event-based and is waterproof up to one meter. The tokens can be customized with company logo, message, and colors to suit your business.

**+ VIP SMS OTP**



The VIP Authentication Service now supports and delivers an SMS OTP credential for user logon authentication. For the ultimate in convenience, consumers now generate OTPs via an SMS for use on online sites requiring strong authentication. The VIP SMS OTP credential operates with the same Web services as other credentials and integrates seamlessly with the VeriSign SMS Gateway.

**+ VIP Access for Mobile Phones**

The VIP Access for Mobile Phones generates OTPs with an application that resides on the mobile phone. Rather than carry an extra device such as a security card or token for strong authentication, consumers can use a device they already own to generate security codes for stronger authentication. The user interface can be customized and over 60 phone models are currently supported.



## VIP Hardware-based Credential Technical Specifications

	VIP Security Card	VIP Security Token HV08	VIP Security Token HAI08
Image			
Onboard Security Algorithm	OATH HOTP	Time-based	OATH HOTP
Dimensions	85.5mm x 54mm x 0.8mm	12mm x 30mm x 60mm	45mm x 38mm x 11mm
Speed	OTP or Security Code generated in less than 3 seconds.	OTP or Security Code calculated in less than 1 second. New security codes are generated every 30 seconds.	OTP or Security Code calculated in less than 3 seconds. New security codes are generated every 30 seconds.
Weight	Less than 10g	10g	25g
Display	Flexible green and white	8 character LCD	8 character LCD
Warranty	3 years	Up to 5 years	Up to 5 years
Other Specifications	Engraved with Credential ID, can be customized with names or account numbers; RFID specs: ISO 15693-2; ISO 14443-B (13.56 MHz contactless), Distance 4cm, Mifare protocol	Hard molded plastic (ABS) casing with printed logo	Waterproof up to one meter, hard molded plastic (ABS) casing and can be customized with corporate logo, branding and colors
Usability	Excellent	Very Good	Very Good
Other Benefits	OTP credentials can be shared across multiple websites; excellent form factor and convenient to carry; branding opportunity is excellent	OTP credentials can be shared across multiple websites; convenient to carry; branding opportunity is good	OTP credentials can be shared across multiple websites; convenient to carry; branding opportunity is very good

### + Learn More

For more information about VeriSign Identity Protection, please call 650-426-5310 or email: [identityprotection@verisign.com](mailto:identityprotection@verisign.com).

### + About VeriSign

VeriSign is the trusted provider of Internet infrastructure services for the digital world. Billions of times each day, companies and consumers rely on our Internet infrastructure to communicate and conduct commerce with confidence.

Visit us at [www.Verisign.com](http://www.Verisign.com) for more information.