

## Vendor Spotlight

# Symantec Drives Data Protection with Cloud-Based Authentication

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Dave Corcoran explains how Symantec\* authentication solutions based on Intel® vPro™ technology help protect networks, applications, and data from unauthorized access.

Today's IT decision makers are struggling to secure and manage data. What sensitive data does the company have? Is it within the bounds of the corporate network or on a mobile device? Who owns the data? And finally, how should we protect it? There are many considerations for protecting data, but one requirement is key: ensuring that only the rightful owners and stakeholders can use it. Ownership is defined by not only where the data lives, but who may access it. In addition, there is the discussion around encryption, and whether the data is valuable enough to need encrypting.

Symantec\* authentication solutions address these challenges by protecting networks, applications, and data against unauthorized access as part of a comprehensive information protection program. By using powerful authentication credentials, Symantec solutions help ensure that the right individual is authenticated to access their organization's network, sites, applications, and data.

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## Robust Authentication with Intel vPro Technology

Two specific Symantec authentication solutions leverage Intel® vPro™ technology to deliver stronger data protection.<sup>1</sup> First, Symantec Validation and ID Protection Service (VIP Service) delivers cloud-based authentication that combines something you know, such as a user name and password, with something you have, such as a card, token, mobile phone, or other credential. Because the authentication service is cloud based—and leverages the built-in data protection features of Intel vPro technology—you can deploy it without requiring any additional hardware or software.

The second solution, Symantec Managed PKI Service, is a proven and trusted public key infrastructure (PKI) solution for mission-critical interactions. Built on Symantec's globally managed, highly reliable infrastructure, this service reduces the cost and complexity associated with in-house PKI and focuses enterprises on delivering solutions instead of infrastructure.

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*By using powerful authentication credentials, Symantec\* solutions help ensure that the right individual is authenticated to access certain sites and data.*

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## Added Protection with the 3rd Generation Intel Core™ vPro Processor

The VIP Service and Managed PKI Service will seamlessly integrate with the 3rd Generation Intel Core™ vPro processor. We can issue credentials, such as one-time password and public key credentials, down to the Intel hardware level. The Intel vPro technology will not only protect those credentials so they can't be stolen or hacked

by malware or rogue individuals, but it will also protect the second factor with two-factor authentication. The technology uses a unique protected transaction display that prevents keystroke loggers from being able to sniff or capture personal identification numbers and passwords that are associated with Symantec's credentials.

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## Working Together for Stronger Data Security

The Intel and Symantec partnership combines the best-of-class hardware with the best-of-class security software. Symantec currently provides credentials for the Intel vPro technology, and is in the process of partnering on a number of use-case scenarios for customers who will be deploying the 3rd Generation Intel Core vPro processor. Some of those use cases involve security for things like VPN, Wi-Fi, e-mail, and access to web sites, as well as a number of other applications.

The predominant goal is that the Intel vPro technology requires a certificate, a one-time password—some type of credential that protects and identifies the end user. Symantec is the credential provider, and the Intel hardware basically provides the repository for those credentials on the end user's desktop.

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To learn more about Symantec VIP Service, go to [symantec.com/verisign/vip-authentication-service](http://symantec.com/verisign/vip-authentication-service).

To learn more about Symantec Managed PKI Service, go to [symantec.com/verisign/managed-pki-service](http://symantec.com/verisign/managed-pki-service).

1 Intel vPro technology is sophisticated and requires setup and configuration. Availability of features and results will depend upon the setup and configuration of your hardware, software, and IT environment. To learn more, visit [intel.com/technology/vpro/](http://intel.com/technology/vpro/).

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