

## Vendor Spotlight

# McAfee Takes Security beyond the Operating System

Ed Metcalf, *Director of Product Marketing, McAfee*

---

Ed Metcalf explains how McAfee security solutions based on Intel® vPro™ technology deliver added protection against a growing threat landscape by taking security beyond the operating system.

Today's threat landscape isn't what it used to be. Cybercriminals are now out to profit in some form or another, whether it's monetarily or by stealing corporate information, or even by disabling a web site for political reasons. Moreover, the general volume of threats and vulnerabilities is growing exponentially, with nearly 75 million threats recorded in 2011. Making matters worse, the threats are becoming far more sophisticated. Well-funded cybercriminals can afford to use new techniques to develop advanced persistent threats (APTs) that are highly targeted and dangerous.

With an expectation of about 50 billion connected devices by 2020, IT managers must find a way to defend against this—all while keeping in mind that these cybercriminals really just have to find one way in. As the world's largest dedicated security technology company, McAfee protects consumers and businesses of all sizes from these emerging threats.

---

## Innovation Powered by Intel vPro Technology

Two specific McAfee security solutions leverage Intel® vPro™ technology to help customers gain added protection. First, McAfee\* Deep Defender with McAfee DeepSAFE\* technology provides security against those stealthy attacks that are so difficult to detect. Deep Defender running DeepSAFE utilizes features within the Intel vPro technology-based hardware to operate beyond the operating system and provide a new perspective on security that, quite frankly, nobody had before.

The second, McAfee ePO\* Deep Command, helps organizations better manage security at the hardware level, again beyond the operating system. Deep Command leverages Intel Active Management Technology (Intel AMT), a component of Intel vPro technology that gives administrators the ability to monitor, maintain, repair, and update PCs remotely, regardless of operational state.

---

*As a security company, McAfee partners with Intel to combine the power of hardware with the flexibility of software to improve overall security in the long term.*

---

## Looking Ahead: 3rd Generation Intel Core™ vPro Processor

We have worked very closely with Intel to utilize the features in the Intel® Core™ vPro™ processor-based platform to provide powerful, hardware-based security. This approach improves overall protection against new and evolving threats, and makes it easier—and more cost-effective—to manage security on Intel Core vPro processor-based PCs.

We are very excited about the 3rd Generation Intel Core vPro processor, and the Deep Defender and ePO Deep Command

technology will certainly support it going forward. The 3rd Generation Intel Core vPro processor will give McAfee even more functionality to provide enhanced security that takes advantage of the new processor features. ePO Deep Command and Deep Defender represent a new approach to security and security management by using the features within the Intel Core vPro technology platform.

---

## Securing the Future

As a security company, McAfee partners with Intel to combine the power of hardware with the flexibility of software to improve overall security in the long term. ePO Deep Command and Deep Defender are just two proof points of a long-standing partnership that delivers comprehensive security solutions based on Intel vPro technology.

Going forward, it's exciting to think about the possibilities as we continue to drive security even farther down to the hardware level. Intel has powerful security functionality built right into the chip, and we want to help activate it and improve our products and enrich our customers' ability to leverage and utilize that functionality for even better security.

---

To learn more about McAfee ePO Deep Command, go to [mcafee.com/us/products/epo-deep-command.aspx](http://mcafee.com/us/products/epo-deep-command.aspx).

To learn more about McAfee Deep Defender, go to [mcafee.com/us/products/deep-defender.aspx](http://mcafee.com/us/products/deep-defender.aspx).

To learn more about McAfee DeepSAFE, go to [mcafee.com/us/solutions/mcafee-deepsafe.aspx](http://mcafee.com/us/solutions/mcafee-deepsafe.aspx).

## Share with Colleagues



Intel® vPro™ technology is sophisticated and requires setup and activation. 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).

Intel AMT requires activation and a system with a corporate network connection, an Intel AMT-enabled chipset, network hardware, and software. For notebooks, Intel AMT may be unavailable or limited over a host OS-based VPN, when connecting wirelessly, on battery power, or when sleeping, hibernating, or powered off. Results dependent upon hardware, setup, and configuration. For more information, visit [intel.com/technology/platform-technology/intel-amt](http://intel.com/technology/platform-technology/intel-amt).

This paper is for informational purposes only. THIS DOCUMENT IS PROVIDED "AS IS" WITH NO WARRANTIES WHATSOEVER, INCLUDING ANY WARRANTY OF MERCHANTABILITY, NON-INFRINGEMENT, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY WARRANTY OTHERWISE ARISING OUT OF ANY PROPOSAL, SPECIFICATION, OR SAMPLE. Intel disclaims all liability, including liability for infringement of any property rights, relating to use of this information. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted herein.

©2012 Intel Corporation. All rights reserved. Intel, the Intel logo, Intel Core, and Intel vPro are trademarks of Intel Corporation in the U.S. and other countries.

\*Other names and brands may be claimed as the property of others.

