



# Strengthen Software Security from the Inside

Hackers are running a lucrative business, bringing in an estimated \$3,000 each day. And once malware gets its foot in the door, it launches rapid attacks to harvest valuable data and even encrypt that data and hold it for ransom.

As data becomes more democratized, it must be protected at the endpoint, on all fronts and throughout its lifecycle. Endpoints are your front door, and hackers don't want you to know that they frequently take this route. From remote management to multi-factor authentication, Intel helps to strengthen security from the inside.

## Security Patching ... Getting It Right Faster

When security vulnerabilities and bugs occur, it's critical to get them fixed right the first time around. Handling infected systems and breaches is costly, as staff put in extra hours to get the problem resolved quickly. The next wave of productivity isn't about doing more; it's about doing the right things better. Security must be strengthened without slowing things down.

Upgrading to technology powered by 8th Generation Intel® Core™ vPro™ processors not only upgrades your performance, it also upgrades you to an entire platform of hardware-enhanced security solutions. As an increasingly mobile workforce leaves your controlled perimeter, Intel® Data Guard protects local files and folders continuously and transparently. For fast remediation, Intel® Active Management Technology (Intel® AMT) allows you to remotely isolate infected devices and recover from an attack remotely — even out-of-band.

## A More Powerful Approach to Reimaging and Quarantine Control

When a virus strikes, every second counts. The race is on to isolate affected areas and stop the virus from contaminating additional files and compromising security.

In the event of an attack, new 8th Gen Intel Core vPro processor-based computers help you stay prepared for recovery. By utilizing different manageability tools, from KVM viewers to remote manageability systems to remote management consoles, you can maximize flexibility while strengthening security.

The out-of-band flexibility is a game-changer because, if the operating system is down or the device is without power, new 8th Gen Intel Core vPro processor-based computers can be reimaged and brought back to a good state quickly. Building management capabilities right into the chipset allows the ability to maintain a physical connection to a fleet — regardless of OS state or distance.

Global cybercrime is estimated to cost businesses

**\$600 BILLION  
IN 2018<sup>1</sup>**

The 2018 market value for full-fledged ad click fraud campaigns is around

**\$40 BILLION<sup>1</sup>**

In the current threat landscape, a pay-per-download scam or a banking Trojan could potentially cost a business up to

**\$2 MILLION  
PER INCIDENT<sup>1</sup>**

## Harness Unmatched Identity Protection with Intel® Authenticate

In motion, in use and at rest, keeping data safe starts with protecting your people's identities at login. Misused and stolen user credentials cause over half of today's breaches.<sup>2</sup> Intel® Authenticate is a hardware-enhanced, multi-factor authentication solution that protects the endpoint by hardening security outside of the operating system to reduce the risk of data breaches.

New computers powered by 8th Gen Intel Core vPro processors deliver a comprehensive set of solutions and technologies to support a continuous foundation of protection. On or offline, with or without power, before and after boot, hardened endpoints help close critical gaps that software can't update. With Intel Inside®, more robust security has your back, working seamlessly in the background while staying out of people's way.

**Learn more about the new 8th Generation Intel® Core™ vPro™ processor at [intel.com/vpro](https://intel.com/vpro) today.**

# 63% OF BREACHES

involve leveraging weak, default, or stolen passwords<sup>2</sup>



<sup>1</sup> McAfee Mobile Threat Report Q1, 2018.

<sup>2</sup> Source: 2017 Data Breach Investigations Report, Verizon Enterprise Solutions at <https://www.verizonenterprise.com/verizon-insights-lab/dbir/>.

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