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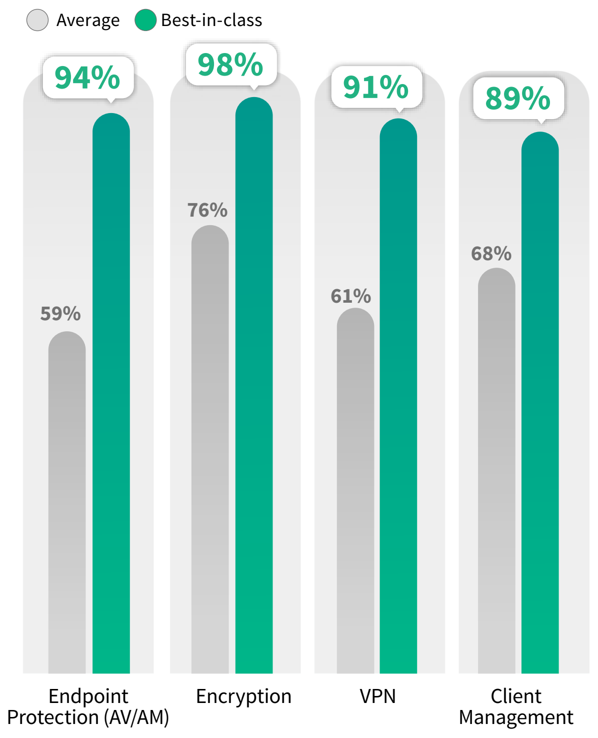
2020: The State of Endpoint Resilience™ Report

This second annual edition examines the complexity of enterprise endpoint environments, the fragility of mission-critical security controls, and the overall health and resiliency of devices and applications.

Security Controls Remain Fragile

Average app compliance rate across enterprise devices*



The Power of Persistence

Best-in-class' enterprises using Absolute's Application Persistence™ solution see vast improvements in average compliance rates for critical controls, as compared to those that have not yet activated Application Persistence.

Application compliance as defined by Absolute and specific to each of the categories listed.

Drivers of Complexity

78%
enterprise devices running Windows 10, up from 54% last year

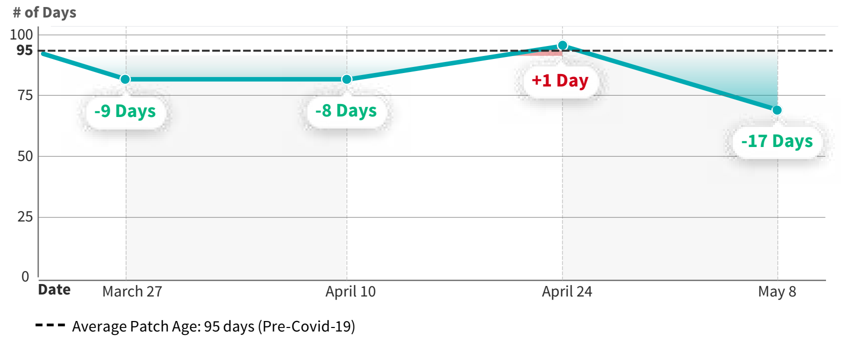
10.2
unique security controls deployed on the average endpoint device, up from 9.8 last year

96
unique applications installed on average enterprise device

491
total patch levels detected across Windows 10 Enterprise Devices

90%
Windows 10 enterprise devices running two or more versions behind

Windows 10 Fragmentation and Patching Delays



Outdated Means Vulnerable
It is unsurprising that, with so much fragmentation, the average Windows 10 enterprise device was found to be more than three months behind in patching, pre-COVID-19. Even with glimmers of improvement seen in the weeks following the outbreak, the average delay hovered well above two months.

60% **of data breaches last year were linked to a vulnerability with a patch available but not applied …**

despite a 34 percent increase, year-over-year, in weekly costs dedicated to patching.

SOURCE: "Costs and Consequences of Gaps in Vulnerability Response," ServiceNow, 2019

Endpoint Application Landscape Overview

Of the ten or more endpoint agents running on the average enterprise device, these are some of the most commonly deployed across Absolute's customer base in prominent categories.

74%
3 in 4 enterprise devices are running Microsoft BitLocker™ Device Encryption

23%
Nearly 1 in 4 devices are running Microsoft Windows Defender AV

80%
4 in 5 enterprise organizations are using Cisco VPN or AnyConnect®

Two thirds
of organizations believe remote work environments have an impact on their compliance posture

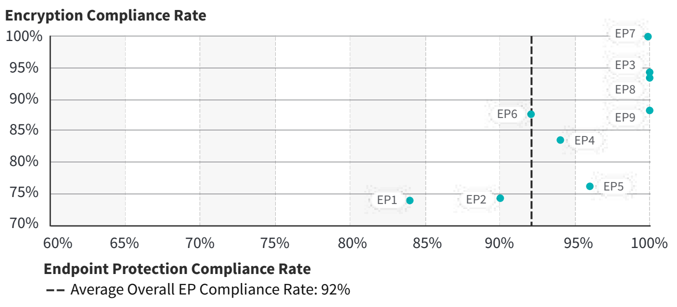
SOURCE: "Bitglass 2019 Cloud Security Report" Bitglass, 2019

164.7M
Total number of sensitive records exposed in 2019, according to the Identify Theft Resource Center

SOURCE: "Identify Theft Resource Center, 2019 Data Breach Report"

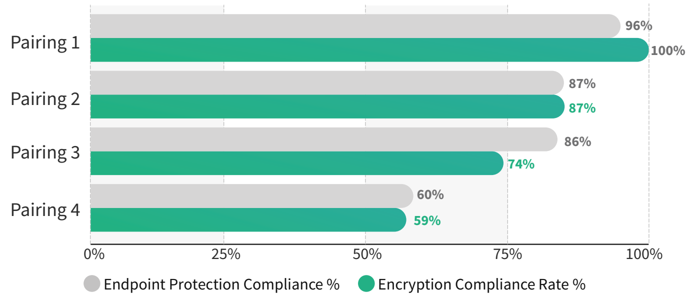
Complexity Affects Application and Endpoint Resilience

This chart gives a snapshot of the health and resiliency, or average compliance rates, of common Endpoint Protection apps deployed across enterprise devices.



App Pairings Show Varying Health and Resilience Levels

In this report, we've introduced the concept of Application Resilience™, which we define as the measure of health and compliance of critical endpoint security controls.



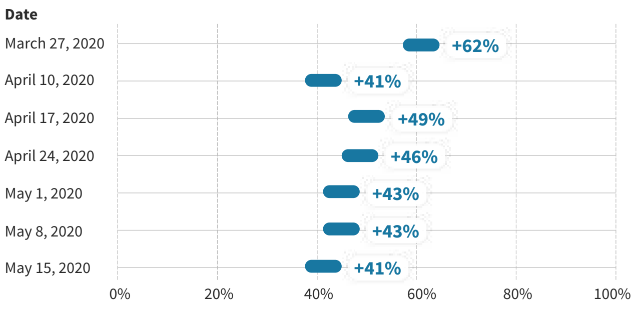
We analyzed the average compliance rates of common endpoint and encryption pairings to emphasize that no agent is immune to failure, and even those sourced from the same vendor are not guaranteed to work seamlessly together.

COVID-19 Outbreak Sends Vulnerable Endpoint Devices, Data Home

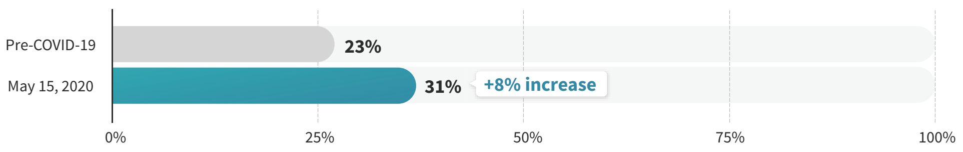
Sensitive Data Piles Up on Remote Enterprise Devices
Our data shows a spike in the amount of PII, PHI, and PFI identified on enterprise endpoints in the wake of devices going home to work remotely, versus pre-COVID-19.

*Absolute's Endpoint Data Discovery does not collect or store this information; it merely identifies if it is present on an endpoint device.

% Increase in Instances of Sensitive Data Versus Pre-COVID-19



Increase in Heavy Device Usage*



*Defined as eight or more hours of usage per day

Data Gathering and Methodology

8.5 million
Anonymized data collected from 8.5 million active, Absolute-enabled devices

12,000+
Across more than 12,000 enterprise customers worldwide, in wide range of industries

2019 - 2020
Data gathered and analyzed over the period of November 2019 - May 2020

Find out how endpoint resilience can benefit your organization.

Get the report

Request a demo

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