

REGION FOCUS: WORLDWIDE

Deploying ChromeOS for Better Security Outcomes

Mitigating Ransomware and Malware Risks with a Modern Endpoint OS



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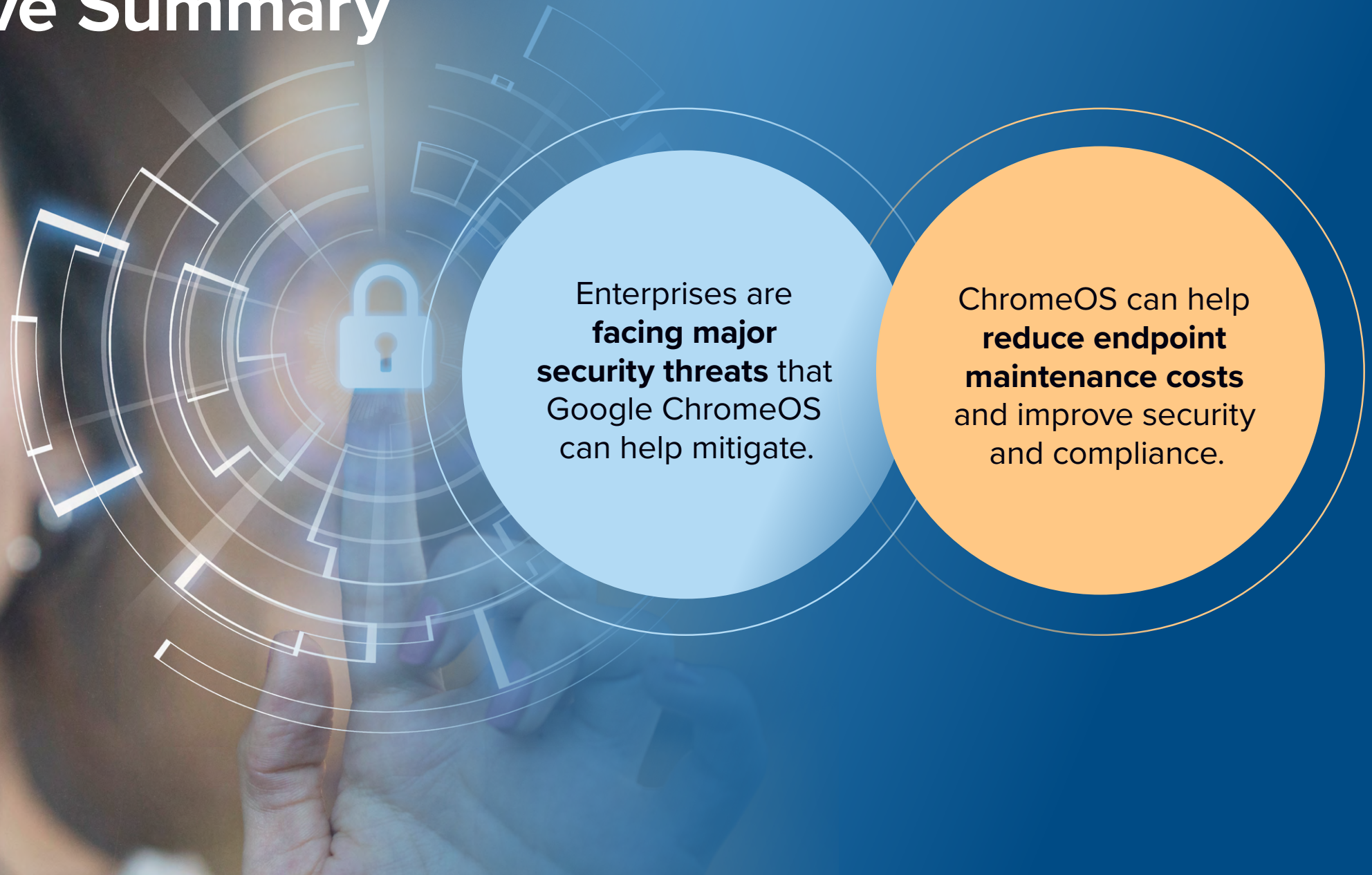


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Executive Summary

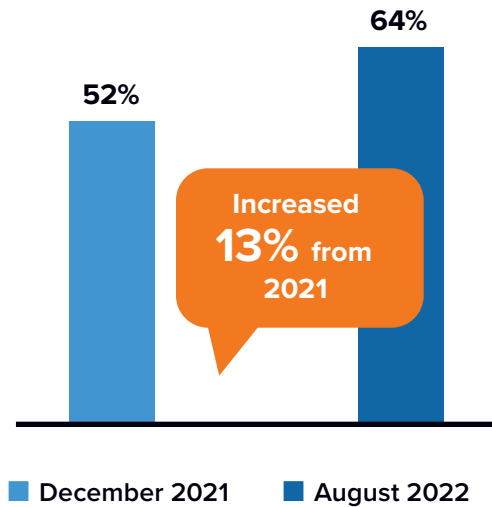


Business Disruptions Are Increasing in Quantity and Severity

The number of days it took to return to business after a ransomware attack increased **13% from 2021.**

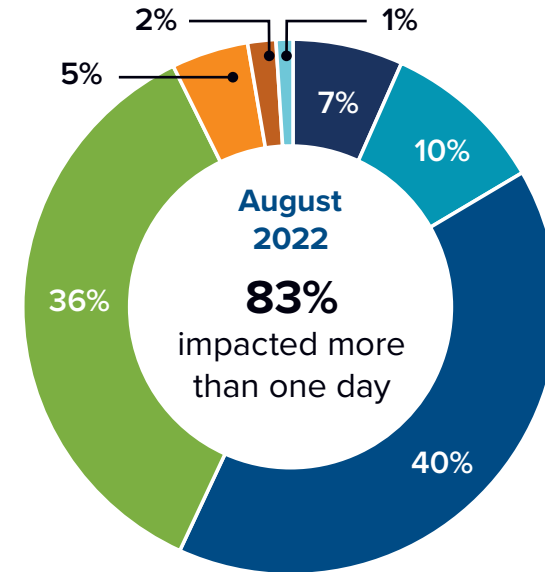
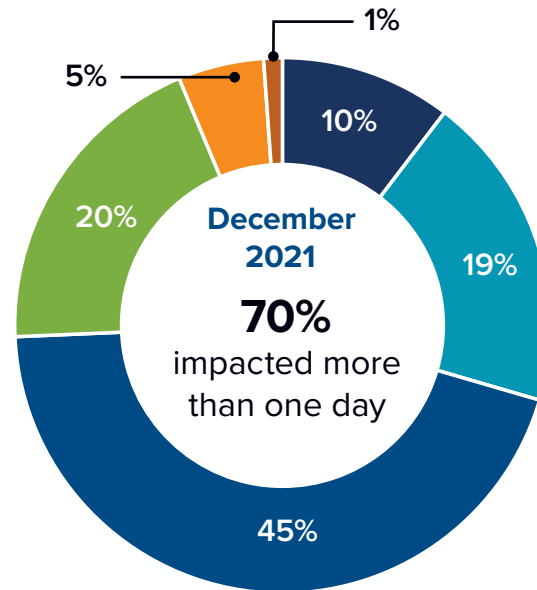
Companies Experiencing Ransomware Attacks

(Percentage of respondents)



For your most recent ransomware incident that blocked access to systems or data, how many days was business disrupted?

Length of Business Disruption:



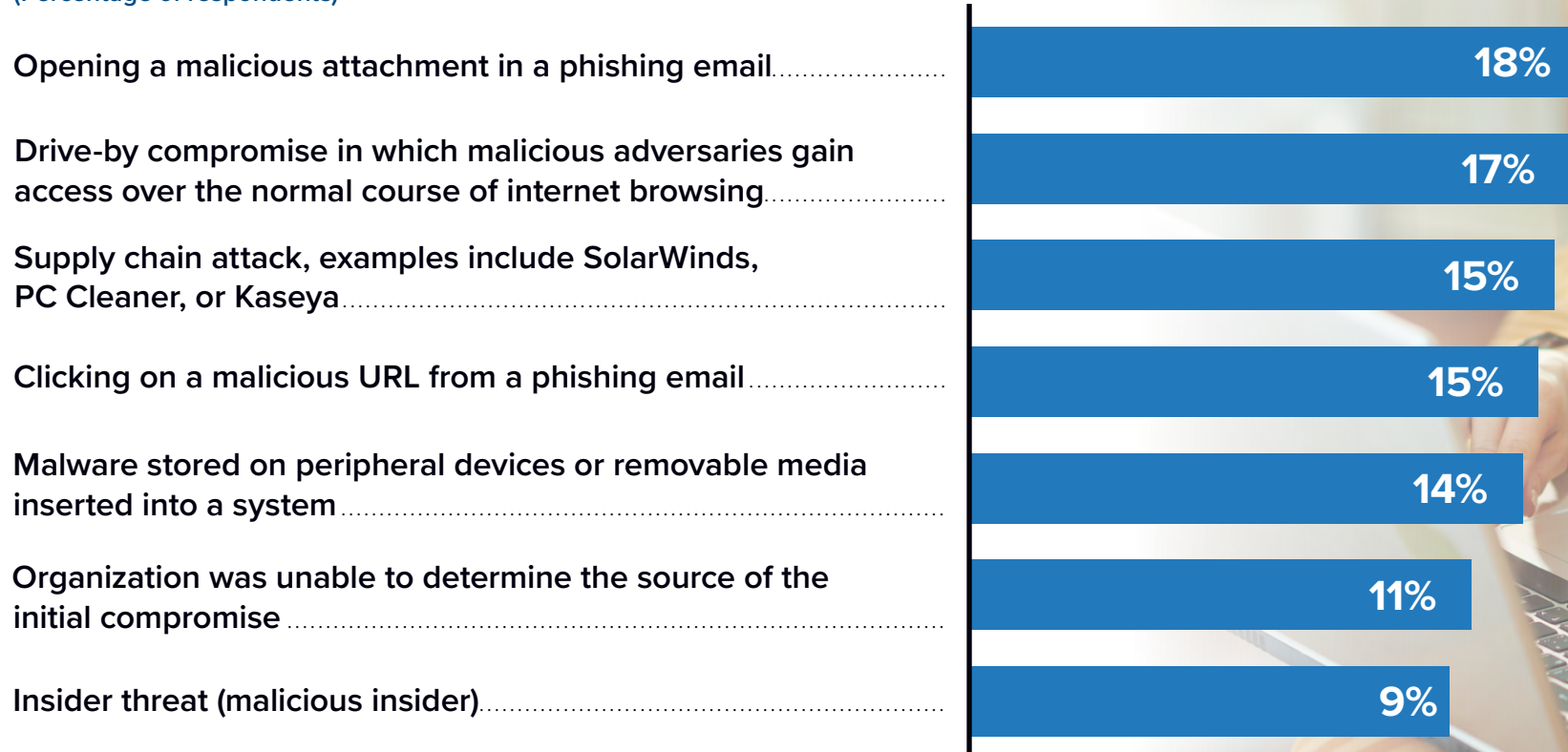
■ Less than 1 day ■ 1 day ■ A few days ■ 1 week ■ A few weeks ■ More than a few weeks ■ Don't know

Sources: IDC's Future Enterprise Resiliency and Spending Survey, Wave 7, August 2022; n = 829; Data weighted by country GDP (500+ employees IDC's Future Enterprise Resiliency and Spending Survey, Wave 11, December 2021; n = 858; Data weighted by country GDP (500+ employees)

Employee error resulted in the majority of ransomware attacks

For your most recent ransomware incident that blocked access to systems or data, what was the most significant source of the initial compromise?

(Percentage of respondents)



Source: IDC's *Future Enterprise Resiliency and Spending Survey*, Wave 7, August 2022; n = 829; Data weighted by country GDP (500+ employees)

ChromeOS helps reduce frequency and impact of security incidents at the endpoint

29%

improvement

Reduced risk of impactful security incidents

24%

improvement

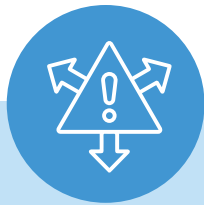
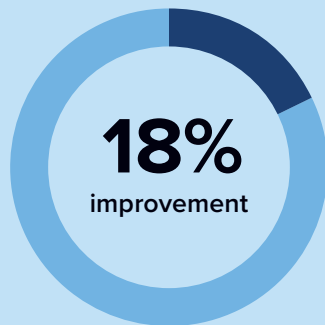
Reduced frequency of security attacks



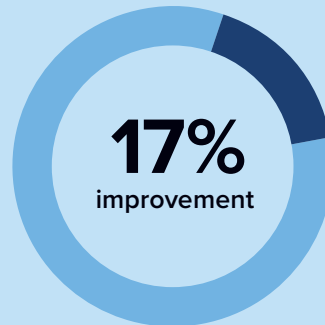
ChromeOS reduces the frequency of reimaging and lowers the time needed to manage security updates and fix software vulnerabilities



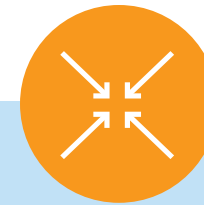
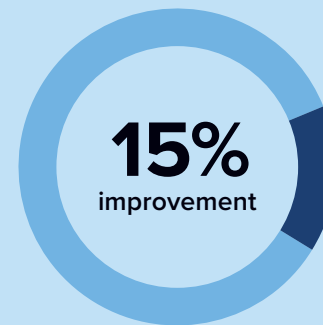
**Faster OS/
application
updates**



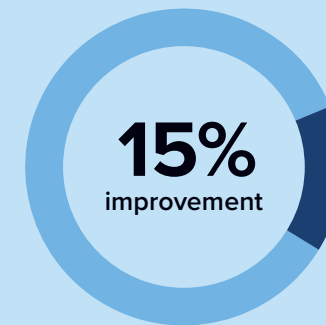
**More efficient
incident
management**



**Faster security
updating/
patching**



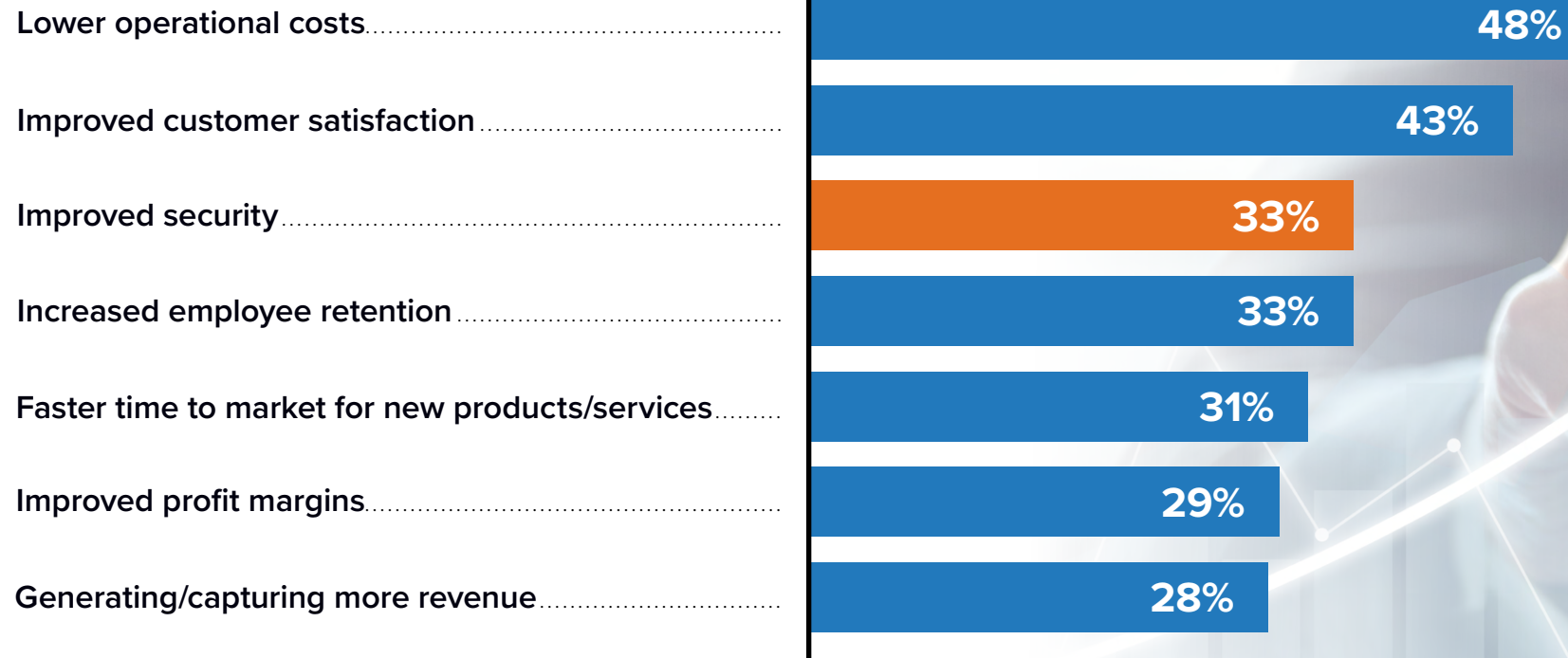
**Reduced
frequency of
reimaging**



Improved Business Outcomes with ChromeOS

One third of IDC study respondents said security was a top-three reason for choosing ChromeOS

(Percentage of respondents)



Essential Guidance

Organizations should consider deploying ChromeOS in their environments if:



Storing data on endpoints is an undesirable approach and the goal is to **store data where it can be easily and securely accessed from the cloud.**



The organization's overall endpoint device deployment process is **migration to cloud-based computing.**



The organization's IT goals align with **reducing dedicated resources to manage OS vulnerabilities** and endpoint device applications.



The business wants to **collect data on security incidents** and highlight potential threats.

About the Analysts



Phil Hochmuth
Program Vice President
Endpoint Management & Enterprise Mobility, IDC

Phil Hochmuth is the Program Vice President on IDC's Enterprise Mobility team. His research provides insights into how enterprises deploy mobile devices and applications, as well as management and security platforms. Key markets he covers include enterprise mobility management (EMM) and enterprise mobile security, including mobile data and threat protection, and mobile device security technologies. He is based in IDC's headquarters in Needham, MA.

[More about Phil Hochmuth](#)



Matthew Marden
Research Vice President
Business Value Strategy Practice, IDC

Matthew Marden is a Research Director in the IDC Business Value Strategy team. He is responsible for carrying out custom business value research engagements and consulting projects for clients in a number of technology areas with a focus on determining the return on investment (ROI) of their use of enterprise technologies. Matthew's research often analyzes how organizations are leveraging investment in digital technology solutions and initiatives to create value through efficiencies and business enablement.

[More about Matthew Marden](#)

Message from the Sponsor



ChromeOS is a cloud-first, speedy, simple, and secure operating system for every size of business.

- The nerve center of a cloud-first business, ChromeOS provides employees with a modern experience and devices that stay fast, have built-in security, deploy quickly, and reduce the total cost of ownership.
- With features like built-in virus protection and secure support for multiple users, ChromeOS keeps you and your data protected.

[Find out more about ChromeOS](#)



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