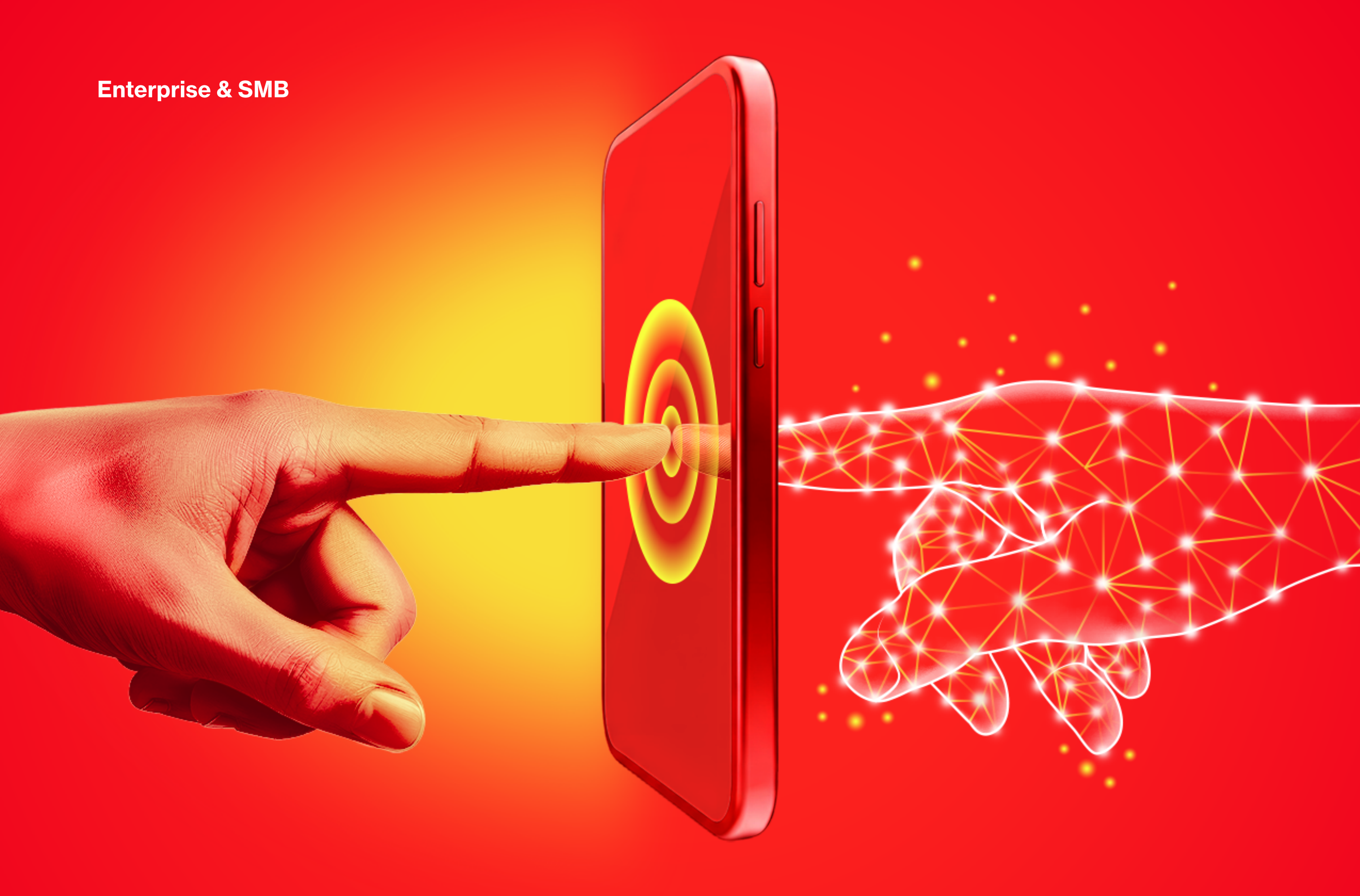

Enterprise & SMB

Unlock insights
Lock down your mobile security

The Verizon 2025 Mobile Security Index reveals the threats shaping mobile security—and how businesses can take action to help strengthen their defenses.

Here's what you need to know.

"How bad can a mobile attack be, really?"

While business confidence in detecting and recovering from mobile security breaches remains high, the reported consequences paint a different picture.

Confidence is high.

96%

of surveyed respondents are confident they could recover quickly from a mobile attack.

But it might be overconfidence.

63%

of respondents that suffered downtime from a mobile-related security incident reported major repercussions – a 16-point increase from the previous year.

Artificial intelligence (AI) is rewriting the playbook for attackers.

34%

of respondents say they fear that the increasing sophistication and scale of AI-powered attacks will significantly raise their exposure.

77%

of respondents believe AI-assisted attacks involving deepfakes and short message service (SMS) text phishing are likely to succeed.

93%

of respondents report employees are using generative AI (genAI) tools on mobile devices.

Human error is still part of the story.

64%

of respondents see data compromise from employees entering sensitive information into genAI as their top mobile device risk.

39%

of respondents running smishing simulations reported that between a quarter and half of their employees clicked a malicious link when tested.

Mobile device management (MDM) can change the ending.

59%

of respondents that use MDM have policies to define and enforce using genAI on mobile devices, compared to 45% of those not already using MDM.

63%

of respondents that rejected MDM experienced data loss in a security incident.

Different strengths. Different risks.

From small- and medium-sized businesses (SMBs) to global enterprises, every organization faces mobile threats. But the challenges may not be the same.

SMBs: Aware, but under protected

57%

of SMB respondents agree they are at a disadvantage in terms of resources, making it harder to respond to cyberattacks than larger enterprises.

10%↓

SMB respondents are less likely to adopt core cybersecurity defenses than enterprises, trailing by approximately 10% in MDM, cyber risk quantification and zero trust.

Enterprises: Proactive, but hit harder

66%

of enterprise respondents train employees on mobile security when they are newly hired.

52%

of enterprise respondents experienced a mobile cyberattack that resulted in system downtime, compared to 37% of SMBs – despite being more proactive in defenses and training than SMBs.

Critical industries are critical targets.

83%

of surveyed manufacturers say a security incident could disrupt their supply chain and damage their reputation.

72%

of surveyed energy respondents say they're a prime target for cybercriminals given their essential infrastructure role.

Mobile access controls: A shield against mobile security threats

60%

of respondents use role-based access control to manage access to mobile devices.

62%

of respondents have adopted biometric authentication to strengthen mobile identity security.

62%

of respondents auto-revoke mobile access privileges using AI-powered software that analyzes risk signals, such as location and anomalous user behavior.

What's the best practice? 8 layers of protection

Only 4% of respondents reported that they implemented all eight mobile security best practices identified in the 2025 Mobile Security Index. But those that did were half as likely to report experiencing downtime from a mobile-related incident—and five times less likely to report major repercussions.

1. Mobile device management and unified endpoint management
2. Mobile threat defense
3. Zero trust
4. Secure access service edge
5. Secure enterprise browser and secure web gateway
6. Endpoint detection and response
7. Managed detection and response
8. Cyber risk quantification

Secure from core to edge

The 2025 Mobile Security Index shines a light on the evolving mobile threat landscape. Verizon can turn those insights into a defense plan tailored to your business—helping you protect your data, operations and future.

Talk to your Verizon Business Representative to get started.

Read the report at verizon.com/mobilesecurityindex.

Unless otherwise cited, all statistics are from the Verizon 2025 Mobile Security Index survey data.

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