

Explosion of mobile and IoT usage can pose serious risks for every business.



The Verizon 2024 Mobile Security Index (MSI) reveals a dramatic increase in businesses' use of mobile and Internet of Things (IoT) devices.

More and more businesses say they are embracing the power of IoT and mobile technology to empower

their employees, improve business operations and achieve efficiencies. But along with new-found power and convenience come emerging threats from sophisticated new technologies, such as artificial intelligence (AI).

Businesses are all-in on mobile and IoT.

Whether it's working from home, the airport, a hotel or the local coffee shop, 92% of survey respondents say that their organizations support some form of remote connectivity.

This means that mobile devices are more deeply embedded into business-critical workflows than they were in the past, as evidenced by the 55% of organizations who responded that they have more users with more mobile devices than they did 12 months ago.

IoT devices and sensors today are used to monitor all types of assets, facilities and systems across a wide range of critical processes, increasing efficiency, security and resilience.

Mobile and IoT devices enable predictive maintenance across industrial environments and can detect an early-stage equipment failure before it results in downtime.

Key findings from the Verizon 2024 Mobile Security Index report¹:

55%

of organizations have more users with more mobile devices than they did one year ago.

87%

of critical infrastructure respondents believe that a security breach could severely affect the business's operations.

80%

agree that mobile devices are critical to the smooth running of their organizations.

77%

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

85%

agree that risks from mobile device threats have increased within the past year.

Critical infrastructure is especially vulnerable.

More than
50%

of respondents in critical infrastructure sectors report that they have experienced significant security incidents involving mobile or IoT devices.

85%

of respondents say that risks from mobile device threats have increased in the past year.

64%

believe that they are at significant or extreme risk from mobile device threats.

Some people might think that mobile devices are inherently more secure than desktop or laptop computers. A large majority of respondents now recognize that mobile device threats are on the rise, and more than half of those surveyed have experienced security incidents firsthand.

Threats are growing as bad actors find more new ways to take advantage of security vulnerabilities. And even though most businesses are aware of the risks, more than half of critical infrastructure respondents still say that they are not well-prepared for preventing a security compromise.

Learn more.

Help protect your business and learn more about mobile security risks by reading the 2024 Mobile Security Index report:

[verizon.com/mobilesecurityindex](https://www.verizon.com/mobilesecurityindex)

Or, speak with your Verizon Account Representative.

Also, attend a webinar with our panel of experts who will discuss ways to help keep your organization safe.

2024 MSI: Key Findings

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Learn about steps to help protect your organization.

2024 MSI: Mobile and IoT Trends

Live August 6, 2024 | 12 PM ET

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A panel of experts dives into the evolution of mobile and IoT security.