

Akamai Carrier Mobile

Securing the 5G revolution



1.2 billion

5G connections in the world by 2025¹

5G is a game changer

5G is already disrupting industries and forcing us to re-think our ways of working. With speeds up to 10Gbps, and ultra-low latency, 5G is powering the digital transformation and creating new business opportunities that were not possible before.

The challenges of 5G

In 2020 alone, there was a 364% increase in mobile phishing attacks². As enterprises embrace a mobile first approach as a result of 5G, more attack vectors become available for cybercriminals to exploit.

Equally, IoT devices are not always designed with security in mind. In fact, many do not have enough memory or processing power to incorporate security features. With forecasts of 27bn IoT connections by 2026³, the risk of data leakage, ransomware or even physical harm is greatly exacerbated.

Enhancing security and control for 5G deployments

Akamai provides enterprises with secure private network slices of the mobile network. Enterprises can take control of the mobile network to secure their mobility and IoT devices. By placing mobile assets inside a private mobile network slice, enterprises reduce the vulnerability gap associated with internet access on public mobile networks.



WHY AKAMAI?

Employees are secure and productive wherever they are working from

Protect all data in transit by removing it from the public internet

Works on any mobile device with a SIM card, meaning zero gaps in visibility and security

Add or remove features and modify policies anytime to suit your business needs

Deploy the solution in minutes without clients and with minimal disruptions to end users

Akamai Value

Akamai Carrier Mobile portfolio helps MNOs and MSPs create services for new and existing customers, and differentiate service offers with better security, visibility, and performance for users of mobile devices.



Zero-gap Visibility

Analyzing 500 million end-user behaviors



Mobile Network Slice

Your own private network to protect devices from cyberthreats



Network Security

Machine learned insights and anomaly detection of mobile traffic

SPS Secure Mobile

Empowers enterprises to accelerate their digital transformation while protecting employees and enabling a truly flexible working model.

SPS Secure Edge

Supports the implementation of a 5G SASE strategy by delivering secure, frictionless access to corporate resources, for humans and machines (IoT) at the mobile edge.

SPS Secure IoT

Equips businesses to securely connect, manage, and control communications between smart devices at the IoT edge and application services they depend on to function.

[Learn more about Akamai's Carrier Mobile](#)

Sources:

- 1 https://www.gsma.com/futurenetworks/ip_services/understanding-5g/5g-innovation/
- 2 <https://www.lookout.com/phishing-spotlight-report-ty>
- 3 <https://www.ericsson.com/en/5g>



Akamai secures and delivers digital experiences for the world's largest companies. Akamai's intelligent edge platform surrounds everything, from the enterprise to the cloud, so customers and their businesses can be fast, smart, and secure. Top brands globally rely on Akamai to help them realize competitive advantage through agile solutions that extend the power of their multi-cloud architectures. Akamai keeps decisions, apps, and experiences closer to users than anyone — and attacks and threats far away. Akamai's portfolio of edge security, web and mobile performance, enterprise access, and video delivery solutions is supported by unmatched customer service, analytics, and 24/7/365 monitoring. To learn why the world's top brands trust Akamai, visit akamai.com, blogs.akamai.com, or [@Akamai](https://twitter.com/Akamai) on Twitter. You can find our global contact information at akamai.com/locations. Published 07/21.