

# 5G CONNECTED LAPTOPS: THE KEY TO FUTURE-PROOFING YOUR BUSINESS.

Now is the time to invest in the future of your business. Upgrade to 5G Connected Laptops to help your employees reach reliable connectivity, unlock the full potential of AI-powered tools, and boost security. In this guide, we'll take a look at the benefits of adopting this comprehensive solution and the power of 5G—ultimately enabling a more productive, secure, and truly mobile organization.



## STRENGTHEN YOUR WORKFORCE THROUGH ADOPTION.



### AI-powered workflows

Reliable internet access through 5G Connected Laptops makes it possible to adopt cutting-edge technology. Microsoft's Windows 11 operating system introduces Copilot+, leveraging AI for enhanced productivity. This new feature relies heavily on constant network connectivity to analyze user behavior and deliver real-time suggestions, file management assistance, and intelligent automation.



### Enhanced security

The T-Mobile nationwide 5G network provides robust security capabilities and seamless internet access for employees working from home, in shared spaces, or out in the field. 5G Connected Laptops also help mitigate the risks of public Wi-Fi with built-in security features like SASE with T-SIMsecure that integrate directly into the authentication process, making it an indispensable tool for businesses aiming to protect their remote workforce.



5G is delivering enhanced security, improved productivity, operational efficiencies and lower total cost of ownership. Our mission is to enable businesses to accelerate the realization of the many benefits of 5G. We are bringing together industry-leading partners like Microsoft to provide added value and make the advantages of 5G more accessible to all organizations.”

**George Fischer, SVP of Sales, T-Mobile Business Group**

# TRANSFORM CONNECTIVITY WITH THE LEADERS IN 5G.

5G is the next evolution of wireless technology—and T-Mobile has the leading network in the country. 5G helps ensure continuous access to cloud resources and business applications, stronger network reliability, and support for more connected devices than 4G LTE. Our network promises faster speeds, real-time responses, and enhanced connectivity, unlocking future innovations that are yet to be imagined.



## 5G spectrum

T-Mobile uses all three 5G spectrum bands: high-band (mmWave), mid-band (2.5GHz, 1.9GHz), and low-band (600MHz). High-band offers massive capacity in small areas but is easily obstructed. Low-band provides broad, nationwide coverage, including rural areas, while mid-band combines the benefits of both—delivering faster speeds and more expansive coverage compared to our 4G LTE.



## Network slicing

Advanced 5G enables allocating “slices” of the network spectrum to specific users or applications, helping create independent networks on the shared infrastructure. Network slicing through the T-Mobile 5G network offers dedicated bandwidth for critical applications so performance is ensured—even during peak times.



## 5G standalone architecture

5G SA proves to be a major achievement for businesses trying to prepare for the future.

Using new network management capabilities, our 5G SA network can be configured into multiple virtual networks—each with customized network performance characteristics optimized for the unique needs of different types of traffic, such as specialized or enterprise services.

## BOOSTING BUSINESS WITH 5G CONNECTED LAPTOPS.

Making the upgrade to 5G Connected Laptops is crucial to staying ahead in today's remote world. With features like seamless connectivity from the T-Mobile 5G network, improved productivity with Microsoft's Copilot+, and top-notch security from clientless SASE on SIM, this all-in-one solution can prepare businesses for the challenges of today and tomorrow.

**To learn more about T-Mobile's 5G Connected Laptops, contact your sales representative.**