

Fiber-Fast Connectivity



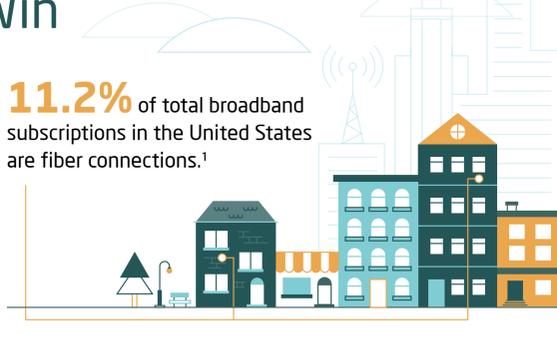
NEC's EX Advanced Wireless Network Solution

You want the fastest network connection for your business, but installing fiber-optic cables is expensive, time-consuming, and limiting. There's a solution that can give you fiber-like speeds over a wireless network: The NEC iPASOLINK EX Advanced.

The EX Advanced is a versatile wireless network solution that delivers fiber-fast connectivity in a low-cost, easy-to-install package. Powered by NEC's carrier-grade technology, the EX Advanced delivers the highest data throughput of any wireless technology currently available.

Wireless Tech for the Win

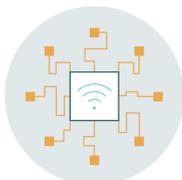
Wireless network solutions can be deployed anywhere, even in areas where fiber hasn't been or can't be deployed. While fiber may be touted as the fastest data network available, penetration in the United States is still relatively low.



With fiber's limited access, deploying it often requires major infrastructure investment. That's where the EX Advanced can help.

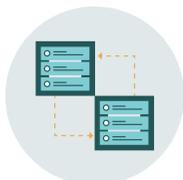
For Enterprises and Organizations

Whether connecting campuses or stretching the network the last mile, the EX Advanced can benefit enterprises and larger organizations in the following ways:



Extend Your Network Without Losing Speed

The EX Advanced provides fiber capacity at a fraction of the cost. Use it as the perfect complement to your existing fiber network, completing your fiber ring.



Ensure Network Redundancy

Many companies avoid redundant networks because of cost implications. With Ethernet Ring Protection Switching, the EX Advanced protects your network from interruption without breaking the bank.

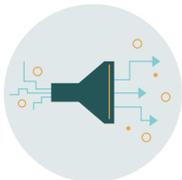


Deploy High-Capacity Links

From hospital campuses to municipality buildings, the EX Advanced provides an instant connection between sites. With it, you can send large files in seconds, share internet connectivity, access real-time video surveillance from remote sites, and much more.

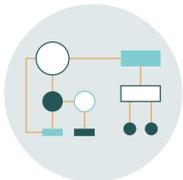
For Internet Service Providers (ISPs)

Many ISPs are making the jump to 10Gbps residential internet service to compete with ever-increasing capacity demands. Here's how the EX Advanced can help ISPs get there:



Keep your Backhaul from Becoming a Bottleneck

With the EX Advanced, you can future-proof your network and provide the increased capacity your network demands.

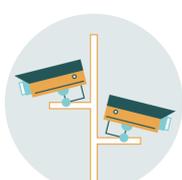


Get Coverage for Multiple Scenarios

Whether you need a robust backhaul link that can scale up to 10Gbps at full-duplex capacity or a direct connection to an MDU or SME with an ultra-high capacity and guaranteed SLAs, the EX Advanced has you covered.

For Public Safety

Public safety is of the utmost importance, and ensuring network connections—especially in times of crises—can contribute to positive outcomes.



Run Security Cameras with Low Latency

With the EX Advanced, get ultra-high capacity to aggregate traffic from many cameras into a single backhaul connection, ensuring that your traffic is kept private.

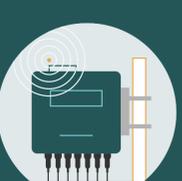


Deploy Networks with Agility

The EX Advanced's portability makes it easy to deploy a network with carrier-grade reliability—with enough capacity to support large temporary events.

Speeds Your Business Needs

NEC has been developing wireless solutions for tier-1 carriers for more than 50 years, with over 15,000 80GHz radios deployed worldwide. Many service providers, public safety agencies, and enterprise IT managers have benefited from the high-quality and robust offerings of NEC Wireless Solutions.



Reliability

The EX Advanced builds on NEC's carrier-grade microwave and millimeter-wave platform to deliver a compact, all-outdoor millimeter wave radio—with the weight of NEC behind it.



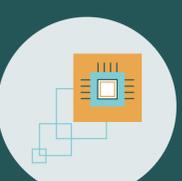
Resiliency

With multiple optical 10Gbps Ethernet ports, several topologies are supported for maximum flexibility. The EX Advanced supports Ethernet Ring Protection per G.8032. For point-to-point links, customers can upgrade to a redundant 10Gbps solution, offering 20Gbps overall throughput.



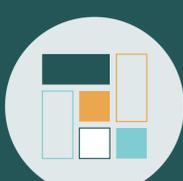
Security

Data security is an increasingly important pillar of network communications. The EX Advanced supports Advanced Encryption Standard, so you can rest assured that your proprietary data is safeguarded.



Scalability

Tailor your solution to your business' needs, so you always get the capacity you need for smooth operations. The EX Advanced allows you to scale from 2 to 10 gigabits without installing any additional hardware.



Differentiated Services

The EX Advanced Hierarchical QoS in conjunction with Adaptive Modulation and Bandwidth Radio (AMBR) all work together to deliver carrier-grade Ethernet services that meet the most challenging Layer 2 Service offerings. Operators can offer SLAs with guaranteed availability across their networks.

The EX Advanced delivers a new transmission standard: a wireless network solution at fiber speeds. Learn more about the ways you can use the NEC iPASOLINK EX Advanced to build your network in our eBook, "The Power to Connect."