



CORNING

Are you smarter than your network?

By 2020, there will be 20.4 billion connected devices in the world, enabling unprecedented communication, convenience, and collaboration*. And while the internet of things offers great advantages, it also creates a unique set of complex challenges for the enterprise – specifically security risks and the added costs to secure the network.

Is your LAN up to the challenge? Do you have the tools to meet the ever-growing demands of the always-on network?

Our new software-defined local area network (SD-LAN) portfolio, enabled by Corning® Optical Network Evolution (ONE™) solutions, provides a truly adaptable, scalable, and intelligent software-defined technology that decouples hardware and software layers, centralizing network management with flexible topology options to reduce upgrade costs.

The platform is technology-neutral, supporting active Ethernet deep into the network and passive optical LAN over a software-defined network architecture. Since the software does all the heavy lifting, it's easy for administrators to manage traffic and customized upgrades to the network, quickly and efficiently from one centralized location. This intelligent solution reduces switches, which can help speed up network performance, and minimizes overall network complexity. A smarter network equals improved productivity, reduced costs, and a happier network administrator.

Whatever your network needs, our new ONE SD-LAN solution provides a state-of-the-art, reliable connection today, while future-ready to meet the needs of tomorrow's applications. Visit www.corning.com/convergence/SD-LAN to learn more.

* (2017, February 7). Gartner Says 8.4 Billion Connected "Things" Will Be In Use In 2017, Up 31 Percent From 2016. <https://www.gartner.com/newsroom/id/3598917>



How does our ONE™ solution work with SD-LAN to reduce risks and save money?

1. Automated deployment and monitoring capability

3. Centralized network control

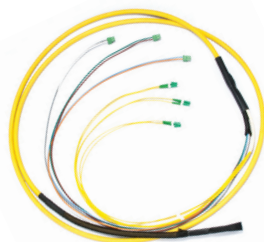
2. Simplified configuration

4. Proactive network policy enforcement

Key SD-LAN Components



Software-Defined Data Plane (SDDP)



Composite Cabling



Software-Defined Access Node (SDAN)