

CORNING



# DoD Solutions

When data speed and security are everything, Corning is all you need.

Corning is proud to announce that our state-of-the-art Software-Defined Local Area Network (SD-LAN) portfolio of products has been certified as an Assured Services LAN (ASLAN) on the Department of Defense Information Network (DoDIN) Approved Products List (APL).



JITC Certified

## NextGen Data Transport Architecture built with fiber can enable the Base of the Future to support virtually unlimited data loads and mission requirements with no need to refresh.

- Existing copper infrastructure cannot support increasingly data-dense military applications and weapons systems.
- Current DoD networks are being swamped and bandwidth constraints are growing exponentially.
- Copper is a limiting factor beyond 10 Gbps and will inhibit future mission growth.

Corning's data transport architecture is specifically designed for higher bandwidth requirements, security, flexibility, and lower cost – **exactly what DoD requires.**

Current Reality



Future Solution



### It's time for change.

DoD is facing a data tsunami that requires the implementation of NextGen Data Transport Architectures across base area networks.

SD-LAN monitoring in the Corning solution offers significant cyber threat protections for 5G and AI/ML implementation.

### Fiber is the solution.

#### Horizontal copper is the status quo:

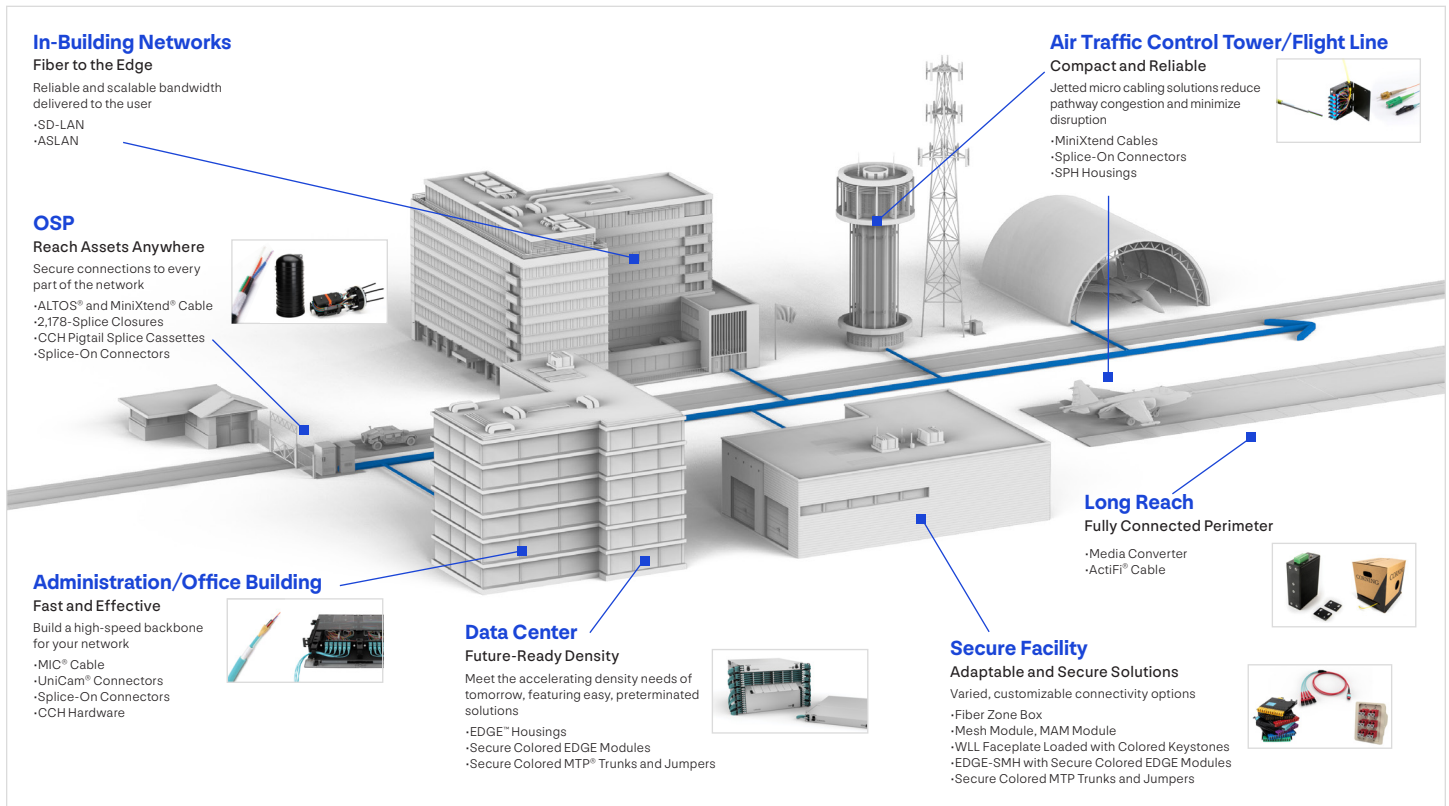
- Ability to support high-bandwidth and extended-reach applications
- Eliminating the need for future cabling/infrastructure network refreshes

#### Our proven solution disrupts that status quo:

- White boxes offer freedom and future vendor flexibility
- Avoids painful/endless/costly refreshes
- Less time/money spent on labor and maintenance
- Less hardware and cabling = easier troubleshooting during service disruptions
- SD-LAN reduces cyber attack surfaces and enables immediate recovery

**The Defense Industrial Base is using fiber to drive modernization. DoD must do the same.**

# New Solutions + Proven Technology Deliver Benefits Across the Board



## Empower your agency. It's time to walk away from an antiquated methodology.

### Networks are Changing



Overcome institutional resistance to modern network and data architectures



Implement fiber technology to solve DoD's data tsunami today



Unlock warfighter capabilities through fiber optic SD-LAN with composite cables



Stop throwing money at legacy systems – copper is dead

### DoD Demands are Increasing



More bandwidth + lower latency are requirements for DoD



Base of the Future will require 5G, A/V, Wi-Fi 6e/7, and beyond to enable future missions



Modernized installations demand streamlined, efficient network architectures



30% CapEx Reduction 50% Less Total Cost of Ownership

**Mission Owners –**  
Bandwidth Ready Now for Current and Future Weapon Systems

**Installation Engineers –**  
“Future-Ready” Facilities

**Comms/IT –**  
Building a 21<sup>st</sup> Century Network with Cyber Threat Resilience

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