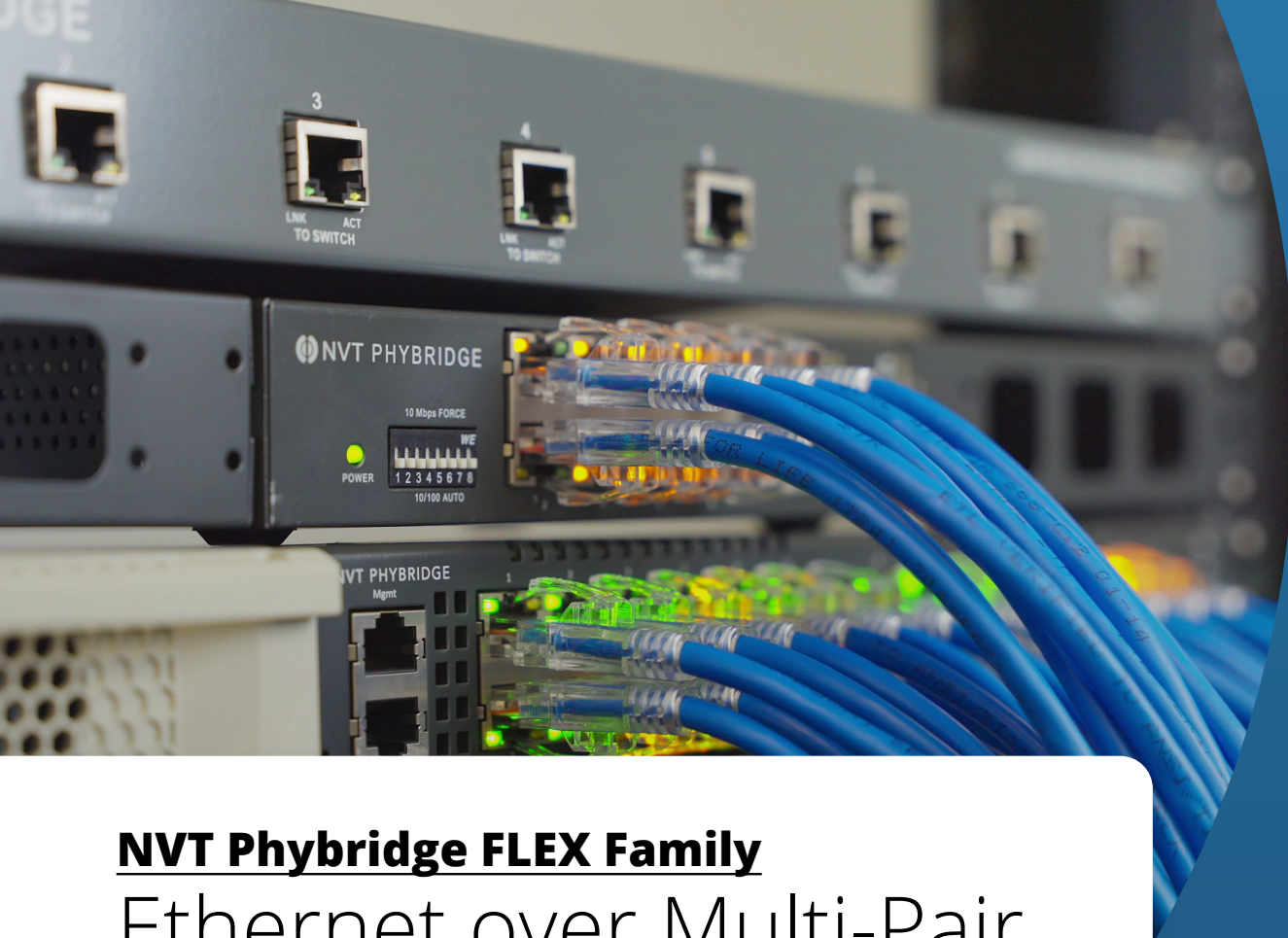
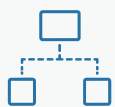




NVT Phybridge FLEX Family

Ethernet over Multi-Pair Switches & Extenders

Use our award-winning FLEX PoE switches and extenders to deliver PoE++ (50W) over multi-pair UTP cabling with up to **2,000ft (610m)** reach.



Leverage any new or existing network infrastructure

Protect proven UTP investments and simplify deployments.



Support IP and IoT devices up to 6-times farther

Extend connectivity farther than standard Ethernet.



Modernize without risk, disruption, or complexity

Create a robust, secure, and high-performance network.

Award Winning Ethernet over Multi-Pair Solutions to Fit Every Need

FLEX24-10G

24-Port Gigabit Ethernet over UTP managed switch

FLEX8

8-Port Ethernet over UTP unmanaged switch

FLEX-Base

Single-Port Ethernet over UTP extender solution

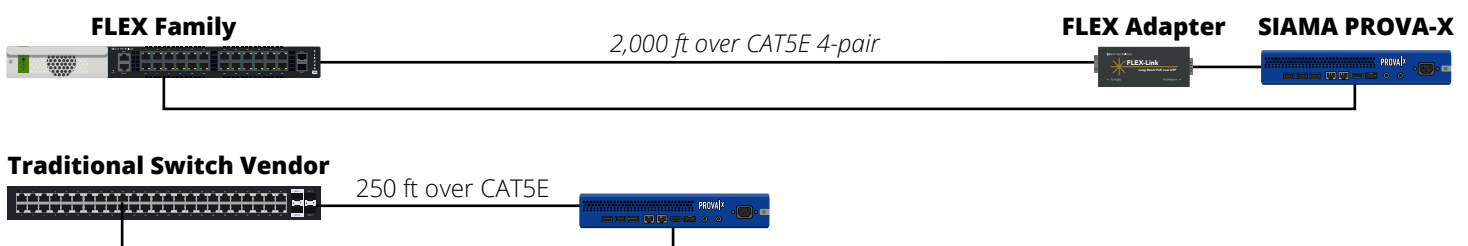


Performance Matters

The FLEX Family Performance delivers similar results as Traditional Switch Vendor at much greater distances, helping teams modernize IP devices over existing multi-pair UTP without disruptive recabling.

Metric	CLEER Family	Traditional Switch Vendor
Tested Parameters	2,000 ft over CAT5E 4-pair at 100 Mbps	250 ft over CAT5E at 100 Mbps
Throughput	100%	100%
Frame Loss	0%	0%
Latency Range	13 to 91 μ s	12 to 128 μ s
Back-to-Back	2000 to 2000 frames	2000 to 2000 frames

Testing Setup



Customer Success Stories



BASF

Petrochemical manufacturer BASF turns to NVT Phybridge PoE innovations to eliminate crosstalk issues caused by low-quality network solutions from another vendor.

[Read Full Story](#)



Punto Sur Shopping Center

Punto Sur Shopping Center uses FLEX PoE innovations to enable over 250 IP cameras throughout its outdoor "Lifestyle Boulevard", reducing network costs by \$50,000.

[Read Full Story](#)



Toronto Transit Commission

The Toronto Transit Commission prevents over nine tons of e-waste during its project to deploy over 1,500 IP intercom devices across 75 subway stations.

[Read Full Story](#)



The Golden Nugget Laughlin

Deployed wi-fi access points to improve wireless connectivity across 300+ guest suites without high costs, complexity, or disruption

[Read Full Story](#)

Simplify Switch Management with CCMT

The NVT Phybridge [CCMT Switch Configuration Tool](#) helps teams configure, manage, back up, and upgrade managed switches from one simple application. It is designed to reduce administrative complexity, minimize downtime, and help teams manage multiple switches across multiple locations more efficiently.

Bulk Switch Management

Automate switch management tasks and perform actions across multiple devices to shorten deployment cycles and reduce manual work.

Firmware Updates & Backups

Easily upgrade switch firmware, create backups, and maintain consistent configurations to reduce the risk of human error.

Lower Management Costs

Reduce ongoing switch management costs by up to 80% while improving business continuity and operational response.