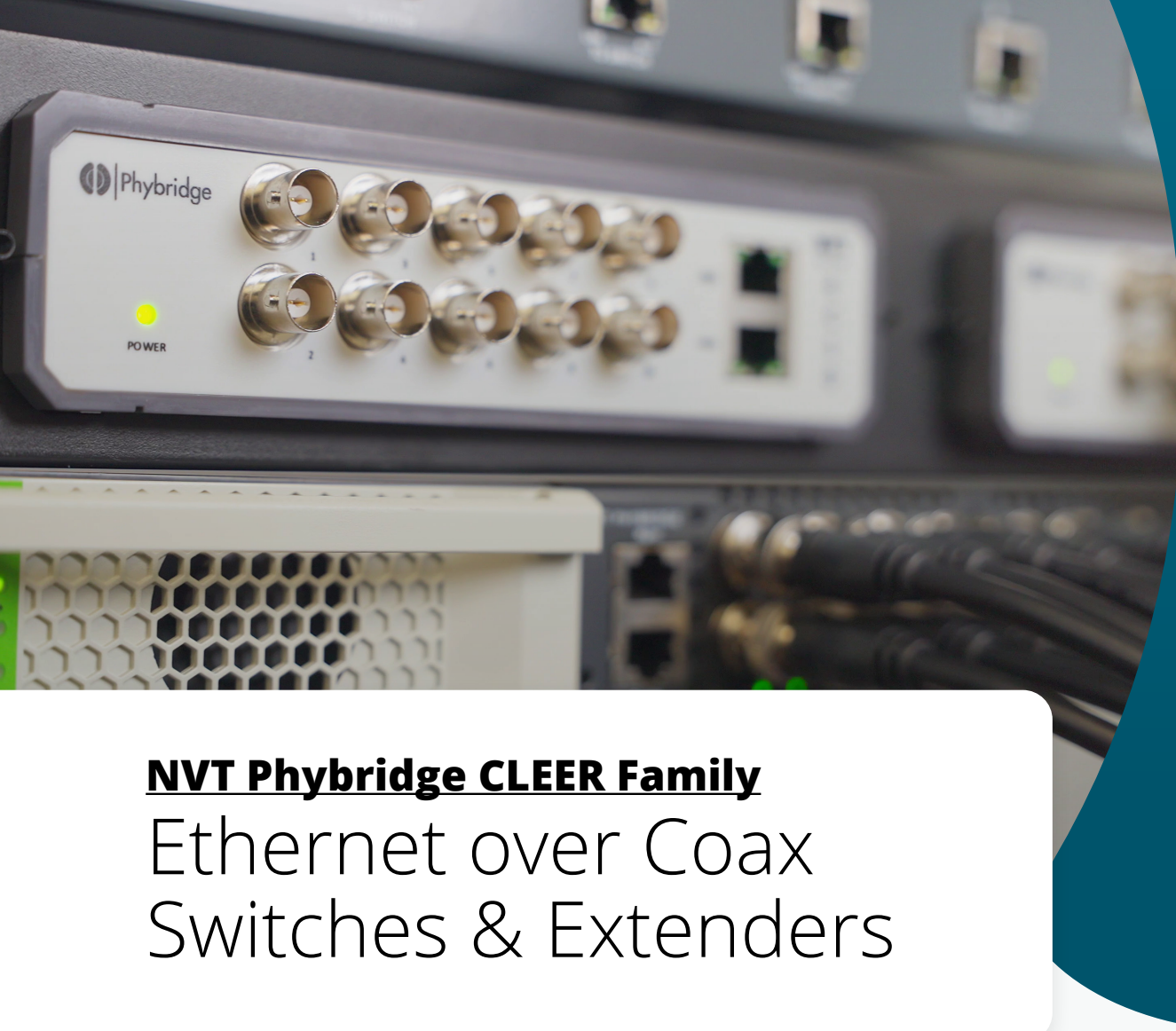
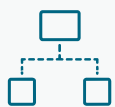




NVT Phybridge CLEER Family Ethernet over Coax Switches & Extenders

Use our award-winning Ethernet over Coax switches and extenders to deliver PoE++ (50W) over coax cabling with up to **6,000ft (1,830m)** reach.



Leverage any new or existing network infrastructure

Protect proven coax investments and simplify deployments.



Support IP and IoT devices up to 18-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 Coax Solutions to Fit Every Need

CLEER24-10G

24-Port Ethernet over Coax Managed Switch

EC10

10-Port Ethernet over Coax Unmanaged Switch

EC-Base

Single-Port Ethernet over Coax Extender Solution

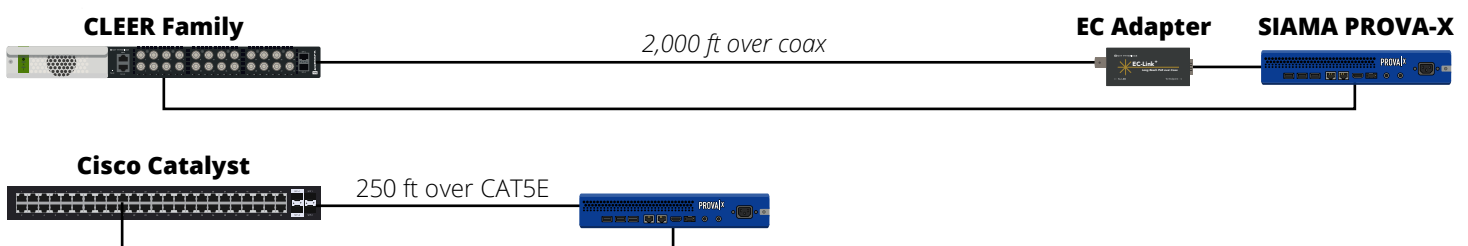


Performance Matters

The CLEER Family Performance delivers similar results as Cisco at much greater distances, helping teams modernize IP devices over existing coax without replacing proven infrastructure.

Metric	CLEER Family	Cisco Catalyst
Tested Parameters	2,000 ft over coax at 100 Mbps	250 ft over CAT5E at 100 Mbps
Throughput	100%	100%
Frame Loss	0%	0%
Latency Range	7 to 90 μ s	12 to 128 μ s
Back-to-Back	1940 to 2000 frames	2000 to 2000 frames

Testing Setup



Customer Success Stories



Soaring Eagle Casino

Soaring Eagle Casino uses NVT Phybridge Ethernet over Coax innovations to deploy over 1,300 IP cameras while reducing network readiness costs by 40%.

[Read Full Story](#)



North American Border Security

A border protection agency deploys over 8,000 IP cameras at 360 border crossing locations to improve the efficiency of its import and export processes.

[Read Full Story](#)



Port of Alexandria

Egypt's Port of Alexandria uses Ethernet over Coax switch innovations to deploy over 350 new IP cameras in 9 locations across the 22 km2 port.

[Read Full Story](#)



El Paseo South Gate Shopping Center

Leveraged its coax-based network infrastructure to enable new IP cameras throughout its outdoor parking structure, reducing network readiness costs by over \$465,000.

[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.