

CORNING



One Operator. Three Architectures. Now What?

Reducing complexity across acquired FTTH networks – a practical approach.

As networks scale, **operating multiple architectures becomes increasingly difficult.**

The Challenge

Across the U.K., as operators acquire and merge existing FTTH networks, consolidation is becoming more common. The challenge is that many consolidated operators inherit multiple architecture types across their footprints. A consolidated operator may choose to operate these architectures separately, but doing so introduces **cost, complexity, and operational risk.**

Typical architectures found across consolidated networks:

- Hardened OptiTap[®] architectures
- Hardened Evolv[®] Solution architectures
- Semi-preconnectorised architectures using SC or LC drop terminations
- Separate underground and overhead variants of semi-preconnectorised solutions

Streamlined, effective solutions for full consolidation or interim steps in your architecture.

More Architectures Equal



More SKUs

- Higher inventory costs
- More complex logistics



More Risk

- More design variations
- More deployment errors
- More truck rolls



Less Buying Power

- Lower material volumes
- Reduced discount leverage

A simple two-product solution, wherever your network is deployed.

We suggest a consolidation strategy based on a backward compatible set of two products that work across inherited architectures and future builds:



1 BPEO closure platform,
IP68-rated



2 5 mm round breakable
drop cables with field
adaptation as required

- Bulk cable for splice
- Semi-preconnectorised (SC & LC terminations)
- Hardened (OptiTap® & Pushlok®)

What the Corning unifying solution delivers:



Reduced storage costs; with savings of up to 50% in CapEx



Reduced SKU count



Lower deployment risk



Operational consistency



Simplified logistics

Works across every network environment:

Aerial & Underground

Utilise the same DP/Closure & Drop solution across all networks

Rural Builds

Solution supports and can be retrofitted to existing cables including ULW

Urban Builds

Small footprint, designed with MOBRA fitment in mind



It's easy to get the expert advice you need to make your build a success.

Scan or click to request a demo and get the detail behind the solution.

Consolidation doesn't need to start with the network.

Strained by existing inventory or other operating priorities?

An effective interim step is to **standardise the drop solution first** by introducing Pushlok® Technology across existing architectures. For operators entering a **high-volume homes-connect phase**, this can provide an **immediate and low-risk starting point** for network consolidation.

Testing the Backward Compatibility Requirement

A Pushlok® drop cable can:

- ✓ Be equipped with an SC shroud for compatibility with existing semi-preconnectorised networks
- ✓ Connect directly with Evolv® architectures
- ✓ Integrate with OptiTap® architectures via a quick, field-fitted adapter

The Result

A single drop solution can support existing and future network architectures. This creates a practical pathway toward consolidation without requiring immediate network-wide architecture changes.



Scan or click to request a demo and get expert advice tailored to your network.

Simple Push-on Adapters



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