

REVOLUTIONIZING

FIBER

NETWORKS

B L O L I T E™ & B L O T W I S T™

SIMPLE, FAST, FLEXIBLE FIBER OPTIC LINKS



A GenStone and General Cable Joint Venture Company

1

First, a small empty tube – Blolite™ Microduct – is installed instead of conventional fiber optic or copper cable.

2

Blolite™ blowing head delivers compressed air to propel the optical fiber through the Microduct tube.

3

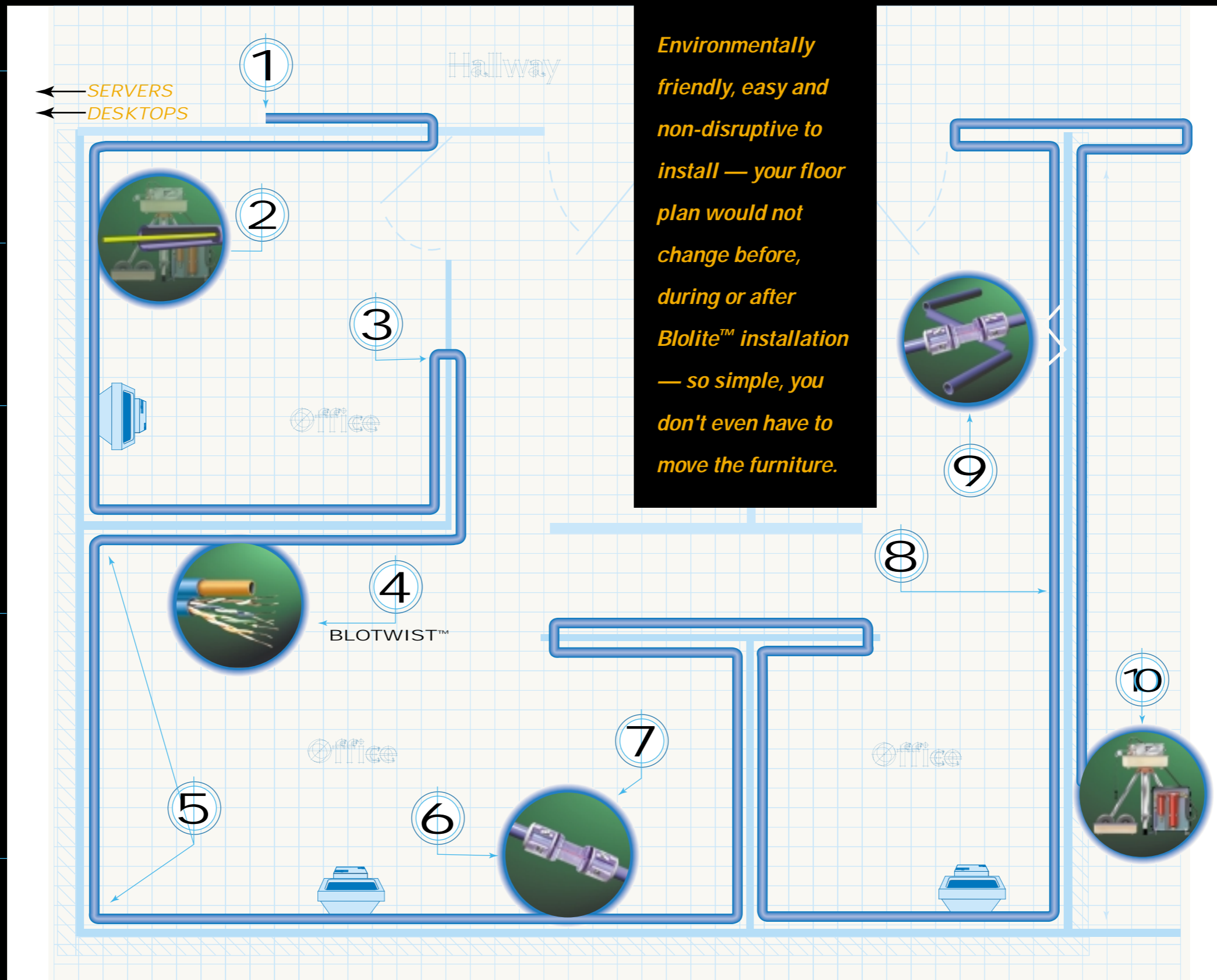
Using the principle of viscous drag, rough surface features on the outer coating of optical fiber catch the flow of air, floating the fiber through the Microduct.

4

BloTwist™ option – a combination of copper category cable and Microduct provides a copper-based network now with the option of creating optical data links in the future.

5

Turning tight corners – optical fiber follows the curve around tight bends (down to a one-inch radius) – a singular advantage of Blolite™.



*Environmentally friendly, easy and non-disruptive to install — your floor plan would not change before, during or after Blolite™ installation — so simple, you don't even have to move the furniture.*

6

Simple push-fit pneumatic connectors extend length of Microduct highways and byways to each destination.

7

Transparent center section of connector permits visual inspection to verify if path is empty or populated with optical fiber(s).

8

Need a change? Expand, upgrade, reconfigure, or relocate the network at minimal cost/effort. Change fiber types and counts by blowing out old optical fibers, blowing in the new.

9

Quick recovery from accidental damage – repair/replace your Blolite™ optical connection in a matter of minutes.

10

Once Microduct highway is in place, a 2-person crew (one at each end) can install Blolite™ fiber on an as-needed basis.

## REVOLUTIONIZING FIBER NETWORKS

**DESIGN CONTROL** — Future proof your network by installing only what you need today, reserving capacity for tomorrow's requirements. Design tactically for present needs, but build strategically for the long term.

**INSTALLATION EASE** — Microduct tubing and simple push-fit connectors make building a network infrastructure simple. Then "blowing" the fiber is a breeze.

**NO STRESS PROBLEMS** — Blolite™ eliminates potential damage from pulling and overstressing fiber optic cables, as well as resulting costs, delays, latent failures, etc.

**BLOTWIST™ OPTION** — Install both Blolite™ Microduct and high-performance copper cable at the same time, using the copper links now. Migration from copper to optical fiber can be accomplished while deferring investment in fiber and peripheral equipment until actually needed.

**BLOLITE™ SYSTEM SAVINGS** — Only two people are needed to install optical fiber. Terminations are quick, testing simplified. Changes, expansions, and upgrades can likewise be accomplished rapidly and cost-efficiently.

**COST REDUCTION AND CONTROL** — Pay as you grow, and spread/defer capital investment over time. Reduce labor and time on installation, as well as for any subsequent reinstallations or other changes.

**ADAPTABILITY** — Add new destinations, relocate routes and hubs, change fiber types and counts, reconfigure LANs, add new services and technologies, as needed.

**RELIABILITY** — Fewer splices in point-to-point links means lower attenuation, higher performance, and increased system integrity.

**CAPABILITY FOR QUICK RECOVERY AND INSTALLATION** — If there is accidental damage, or new destinations must be added quickly, Microduct can be installed in minutes. To blow in Blolite™ optical fiber adds a few more minutes. Compare that to reinstalling or repairing fiber optic or copper cable.

**FLEXIBILITY** — The Blolite™ system can adapt to any network architecture or topology. For instance, a Microduct tube (5mm) can turn up to 300 tight corners with 90 bends of one-inch radius over 1,000 feet (much longer distances also achievable). The vertical distance champ, Blolite™ fiber can be blown 1,000 feet straight up in the air.



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