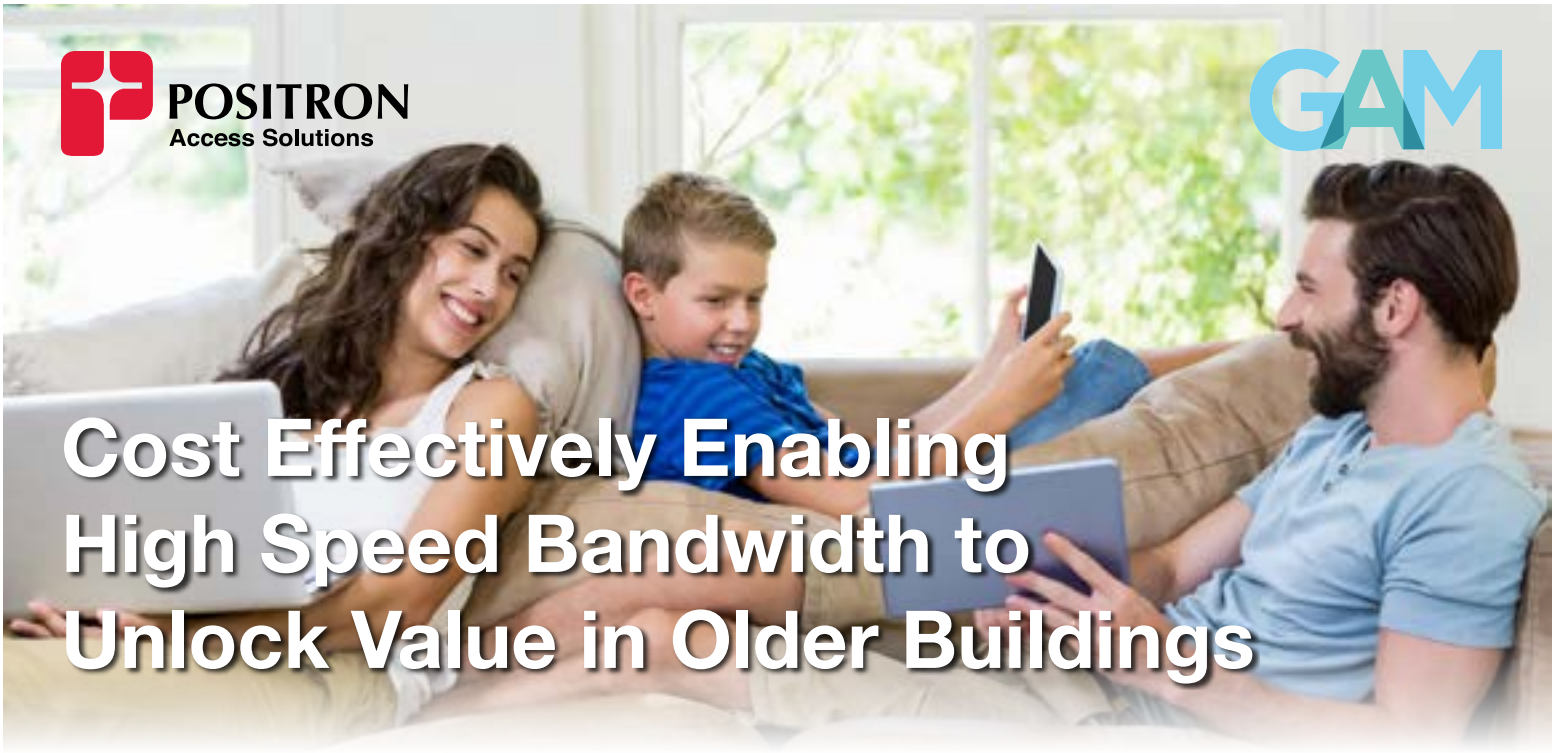


Cost Effectively Enabling High Speed Bandwidth to Unlock Value in Older Buildings

The Bandwidth Challenge for Managers and Owners of Older Buildings

Older MDU's have been bypassed by service providers because the technologies in use cannot deliver high speed internet service over the existing in-building legacy wiring. Over 80% of multi-dwelling buildings (MDUs) only have telephone or coaxial wiring which are not delivering high speed bandwidth.

Re-wiring involves an extensive period of construction disruption and mess and other complexities. The high cost of rewiring the building and the associated manpower needs and disruption has resulted in owners and broadband service providers leaving the building and its occupants underserved.

Older buildings that lack the infrastructure to carry high speed bandwidth are less competitive, less profitable and have more tenant turnover (churn). This negatively impacts the desirability of even well-located, well- maintained attractive class A buildings.

"High Speed bandwidth is the #1 amenity sought by renters – increases rents by up to 8% and property values by 2-3%" (Broadband Communities Magazine)

Positron's Solution - Breakthrough Innovation

Positron's GAM unlocks the value of your property. The GAM eliminates the need to rewire buildings for higher internet speeds which is costly, messy, disruptive and may need refinishing to repair damage created. A building can be upgraded in days with no disruption to occupants or damage inside the building. There are no concerns about duct space, disturbing asbestos, walls or concrete.

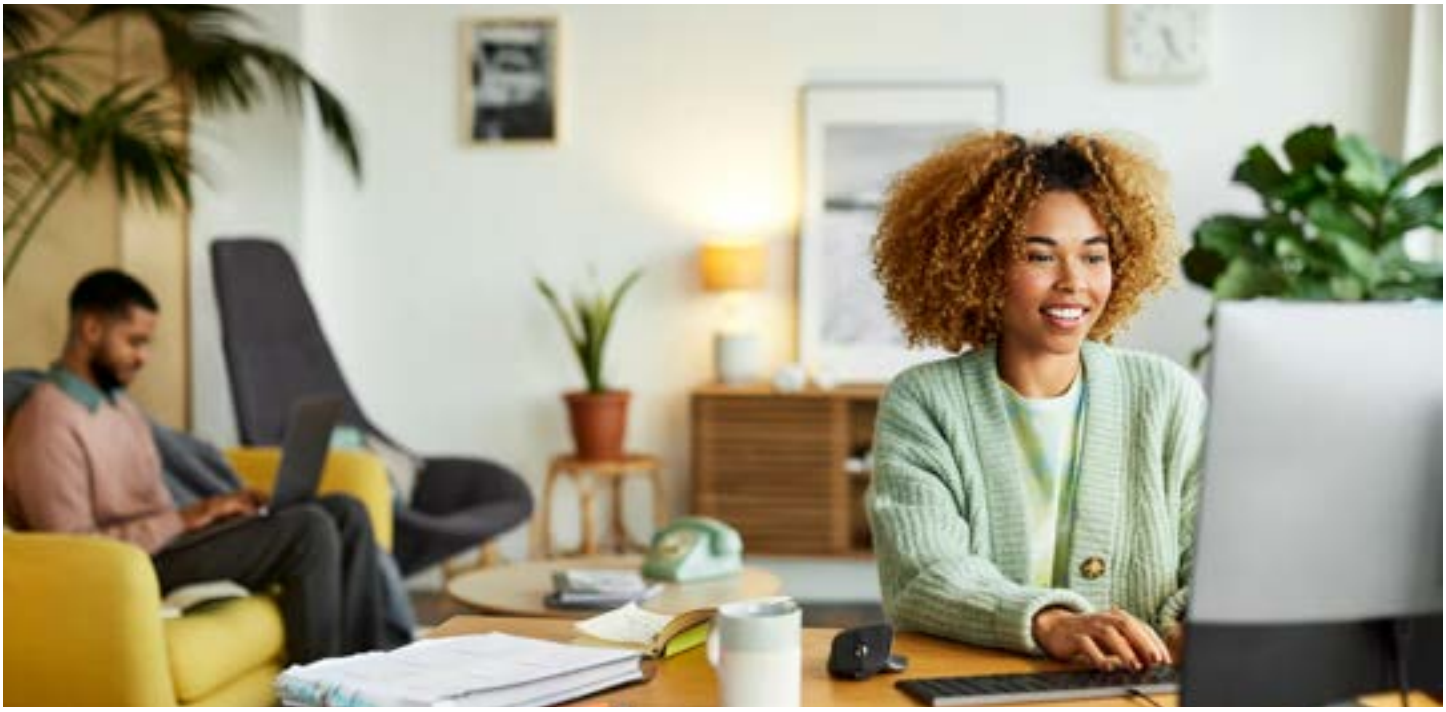
The GAM re-uses the existing in-building telephone wiring or coax to deliver high speed bandwidth (up to symmetrical Gigabit internet speeds) into each living unit, reduces churn and increase rents and property values. Simply extend fiber or a wireless uplink to the GAM in (or near) the building.

This innovation makes older buildings competitive with new buildings to cost effectively offer the same high speed bandwidth amenity

Future Proof

Positron's GAM enables the delivery of any bandwidth up to 1 Gigabit symmetrical bandwidth to each living unit. Your existing legacy wiring can deliver up to 10 Gigabits when you are ready for it. An additional benefit is that it converts the existing in-building wiring into a converged Gigabit Ethernet network.

This provides the backbone infrastructure needed for **managed Wi-Fi, smart building** and **smart home** applications including video monitoring, access control, alarms, HVAC control, smoke detectors and other sensors. This backbone is available to be used when the owner chooses to use it at no additional infrastructure cost.



Applications:

Positron's GAM is in service in residential buildings (MDUs), office complexes (MTUs), home clusters, hotels, public facilities, shopping centers, hospitals, educational institutions, community and subsidized housing, and cutting-edge smart buildings

Ask us

We will be pleased to discuss and answer your questions. We can recommend Positron Certified Service Providers or train your preferred service provider. We offer free trials.

GAM (G.hn Access Multiplexer)

The GAM is a carrier-grade award winning product in service with over 250 service providers including major U.S. carriers in thousands of buildings. Manufactured and supported in North America by Positron (established 1970).

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