

The Telkonet iWire System™

Neill Wycik Co-op Residences, Toronto, Canada



Type of building	College dormitory
Location	Toronto, Canada
Date build	1970's
Number of buildings	1 building
Number of floors	23 floors
Number of rooms	250 units with 737 bedrooms
Telkonet installation date	Service began January 3, 2006

Challenge

Replace the existing DSL service with a reliable, scalable broadband Internet access system that could be deployed quickly and easily.

The Neill Wycik co-op is a college dorm in Toronto Canada that houses up to 737 students, in one, two, and three-bedroom apartments. Neill Wycik had been providing high-speed Internet access to students in 120 rooms, via DSL equipment that they had purchased several years before, but no longer wanted the ongoing hassles of self-managing the service. While wishing to upgrade the dormitory's broadband facilities, Neill Wycik wanted to avoid investing any further capital.

There were several issues with the existing DSL service. First, as DSL piggybacks on the telephone line, any time there were changes in the phone wires they had a negative impact on the Internet connection. In addition, each time a room needed to be Internet-enabled, wired connections had to be made and the service had to be tested. This deployment process was therefore cumbersome, preventing the service from being deployed quickly to the students.

Neill Wycik needed to find an alternative solution which would meet their needs for a scalable, reliable system, as well as the residents' requirements for a cost-effective and simple to use service. DataValet, a certified reseller and partner of Telkonet, proposed replacing DSL with Telkonet's iWire System, which leverages a building's existing electrical wiring for Internet access, eliminating capital costs and enabling Internet

access from any electrical outlet in any room. Peter Allen, the General Manager, was initially skeptical about this unique technology, but when Yehuda Ordower, Director of Business Development for DataValet, explained that they had installed the Telkonet system in a property in Florida, with great results, Allen, with the approval of the board members, decided to give it a try in their building.

Solution

Telkonet's system was installed quickly, without new wiring, and easily accommodates new users by simply adding Telkonet iBridge™ units.

DataValet installed Telkonet's system in less than two weeks – right on time for the January school session – lighting up the entire building with broadband Internet and network access. The system was deployed quickly, without any operational disruption.

Peter Allen is delighted: "Having all the rooms Internet-ready without having to do any cross-connecting or wiring is incredible. Telkonet's system enables fast Internet access, which can be easily transferred from room-to-room. And with DataValet taking over the management of the backbone, this is exactly the hands-off managed service solution we envisioned."

To access the Internet, residents simply connect their computers into a Telkonet iBridge, which plugs into the nearest electrical outlet. Users get online quickly and easily, with just a few mouse clicks. No technical expertise or system re-configuration is required.

“Having all the rooms Internet-ready without having to do any cross-connecting or wiring is incredible.”

Peter Allen
General Manager, Neill Wycik

The students have been extremely pleased with the new Internet access system, and especially with its mobility factor – being able to access the Internet from any electrical outlet, rather than being limited to where the phone line is connected. This implementation, combined with the plug-and-play capabilities of Telkonet’s system, make it a fool-proof solution.

The easy scalability of Telkonet’s system is a key benefit. Since the entire co-op is Internet-enabled, extending the service to additional users is as simple as plugging in more Telkonet iBridge units, without any new wiring or IP-address complications. Initially, 120 Telkonet iBridges were provided to the students that originally had the DSL service. Within a month, however, 100 additional students also wanted Internet access, so a further 100 Telkonet iBridges were added.

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