

Flexible Network Access

Networked digital signage is revolutionizing how information is communicated, delivering dynamic electronic messages on plasma displays, kiosks and other types of digital delivery systems. To enable and deliver content to digital signage, it is essential to have a scalable, flexible system for broadband network access. Telkonet, the leader in powerline communications (PLC) technology, offers a new, innovative and reliable way to provide high-speed Internet and network access for all of your networked digital signage applications.

The Telkonet iWire System™

The Telkonet iWire System leverages your building's existing electrical wiring, delivering high-speed network access over the internal electrical wiring using patented powerline communications (PLC) technology. In doing so, the network backbone can be deployed quickly – typically within a day – without costly new wiring, retrofitting, construction, or disruption. It eliminates any issues over who owns the wires and any monthly rental costs from using another company's wires.

The Telkonet iWire System converts every power outlet inside a building into a high-speed data port. This means that you can easily move their electronic displays or kiosks

to different locations, with both power and network access delivered from the same electrical outlet, giving you more flexibility. Telkonet's system provides a secure communications backbone so applications such as point-of-sale (POS) terminals can have network access at any electrical outlet, which is more cost-effective than having to run CAT 5 to each terminal location.

Wired and Wireless Network Access

In addition to delivering reliable and secure wired network and Internet access, the system can be used as a backbone for Wi-Fi, reducing the amount of cabling necessary to enable wireless access points. With Telkonet's system, wireless access points can be easily located at any electrical outlet, rather than being limited to only where it is convenient to run CAT-5 cable.

Telkonet's iWire System provides a flexible and scalable solution. The system can Internet-enable every electrical outlet in a building, or can be scaled to enable a portion of the building, with the ability to easily enable the entire building at a later date. It can support a variety of applications, such as digital signage, point-of-sale, kiosks, self-checkout registers, inventory systems, and security cameras.



Key benefits of the Telkonet iWire System

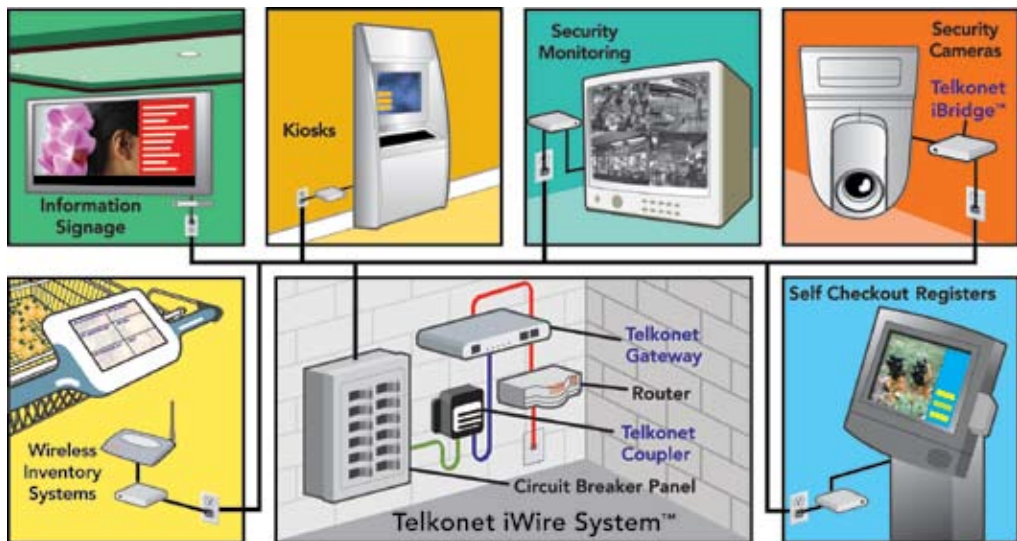
- Wired and wireless network and Internet access
- Works with any type of Internet signal
- Hassle-free, quick deployment, without new wiring or disruption
- Reliable connectivity regardless of the construction, age, or number of buildings
- Network access at every electrical outlet
- Flexible and scalable, supporting voice, video and data applications
- Encrypted data with powerful security options
- Remote network management
- Plug-and-play connectivity



How Does It Work?

In summary, the Telkonet iWire System converts your in-building electrical system into a high-speed platform for data, video and voice. By connecting the Telkonet Gateway to the Internet router for your building, and then linking to the Telkonet

Couplers that interface with the safety switches and circuit breaker panels, you have transformed every electric outlet in a building into a broadband data ports, enabling network and Internet access.



Telkonet's system can support many applications, with network and Internet access at every electrical outlet.

About Telkonet

Telkonet (AMEX: TKO), founded in 1999 and headquartered in Germantown, Maryland, is a leading high technology systems application developer of innovative powerline communications (PLC) solutions for the commercial and government markets, establishing a range of patented award-winning systems. The revolutionary Telkonet iWire System is marketed and sold by resellers throughout the United States, Canada, Europe and Latin America.

Telkonet's offers a point-to-multipoint distributed system, designed for large installations and fully scalable to hundreds of users. Launched in 2003, it has been deployed in several hundred multi-occupancy buildings, such as hotels, office buildings, and government facilities, including Choice Hotels International, Best Western GB, Sandman Hotels, Trendwest Resorts, Trump apartments in New York, state and local government, and many other leading companies.



The Telkonet iWire System can support a variety of applications:

- Local area networking
- High-speed Internet connectivity
- Digital signage
- Kiosk check-in systems
- Closed circuit surveillance and security
- Point-of-sale systems
- Wireless inventory systems
- Self-checkout registers
- VoIP telephony

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