



MDU SOLUTIONS

Data, Voice and Video Distribution

Entire MDU needs to be networked with broadband services?

Implementing a traditional solution requires laying down new cables and disturbing tenants daily chores?

Laying new cable to provide traditional connectivity solutions is very expensive and needs specialized provisioning?

There are not enough links available per site to provide ADSL or Cable at each apartment?

Wired solutions are too time consuming and expensive to implement?

Internet Access is not enough – Voice and Video Services shall be provided as well?

Low maintenance rate and high reliability are key factors?





CURRENT covers all your requirements!

Every apartment can be connected with broadband Internet access and optionally VoIP telephony and/or VoD (Video on Demand) services via the powerlines.

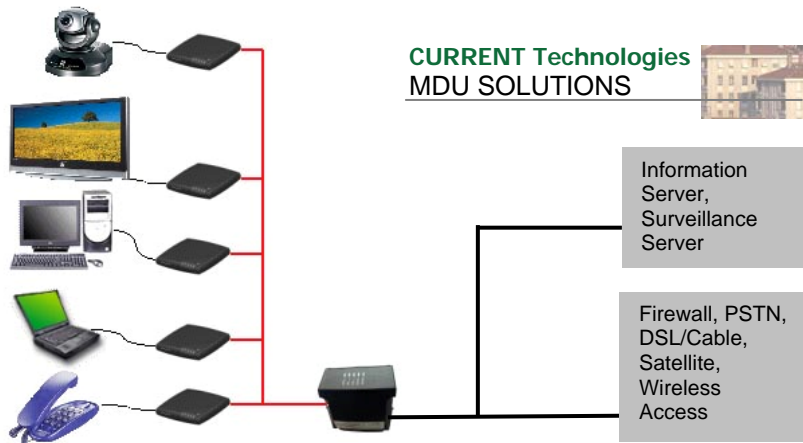
In a powerline based network connectivity solution, a head-end unit (API-2000-GW or API-2000-HE), installed preferably close to the electrical distribution board, controls the entire network. Access to the backhaul network (through the head-end) maybe provided via existing DSL, Cable or Fiber installations.

Powerline modems (APx-2000-xx) available at all apartments that require networking, connect automatically to the head-end as soon as they are plugged into a power socket. Each modem has an Ethernet interface for easy connectivity to any type of user equipment. Traditional analogue phones or modern IP phones can also be connected to the PLC modems.

Additional services such as video surveillance or information screens can be provided from anywhere in the building via a basic Powerline modem (APx-2000-xx).

All devices can be managed remotely, using standard management tools. Different VLANs maybe provisioned to separate for example business offices network from private apartment network. Any IT platform in the building can use Powerline network via standard IP protocol and Ethernet.

The installation, service, maintenance and support is provided by our local partners close to your building.



Benefits

- Broadband Internet access with up to 205Mbps transmission speed
- Telephony services interfacing with VoIP gateway
- Complete triple-play offering for residents, including VoD (Video on Demand)
- Easy integration with standard IT and telephony infrastructure.
- Connectivity in every room, on any floor
- No additional cabling. Uses existing electricity cables
- Easy installation – plug and play modems, one central head-end
- Privacy and security through encryption, authentication and VLAN functionality
- Connectivity for any additional network device such as surveillance cameras, information screens, etc.
- Local technical support and service partners
- Practically zero maintenance overhead

Your local reseller:

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