

IntraLAN

SmartRoom
NETWORK

F U S I O N

Your legacy wiring.

Our interface solution.

Your key to unlocking the "Smart Room."



PANOPTIC
TECHNOLOGY



Do you have the **backbone** for “Smart Rooms”?

The “Smart Room” is a concept promising a competitive advantage to hotels that are able to provide it. Tailored “Smart Room” features matched with guests’ profile preferences will help drive occupancy rates to soaring levels. Individual solutions ready to be deployed for personalizing thermostat and light settings, music selections, frequently dialed numbers, TV programming and more.

Unfortunately, 99% of all hotel properties were not designed to function as an infrastructure for “Smart Rooms” **and the cost to upgrade would be overwhelming:**

- > investing to **rewire a property** with fiber and multiple network connections
- > setting up **remotely managed power** in all rooms to run device controllers
- > taking the **entire hotel offline** to remodel rooms and recable
- > managing the necessary **contractors and integrators**
- > having confidence that the technology investment is the **right solution** for the future

Unlock the “Smart Room” with **IntraLAN**.

Deliver “Smart Room” technology in your guest rooms **WITHOUT** the time and expense of rewiring your property. Panoptic Technology introduces **IntraLAN SmartRoom Network FUSION**, the only affordable solution to providing state-of-the-art power management and data solution over your own voice grade/POTS infrastructure.



by **PANOPTIC TECHNOLOGY**

IntraLAN SRN FUSION uses patented technology to transform legacy phone networks into “smart architecture” supporting all network level technologies and non-networked devices:

- | | |
|------------------------------------|------------------------------|
| > Video-On-Demand (VoD) | > HDTV programming |
| > “Pay for view” movies and events | > VoIP |
| > Teleconferencing | > High speed internet access |
| > Bluetooth devices | > Remote lighting/AC control |

Installing **IntraLAN** is fast, easy and affordable.

1. START WITH YOUR WIRING:

Your PBX system already connects to every room through telephone blocks and bundles of phone cabling. With IntraLAN SmartRoom Network FUSION, this wiring can now deliver the backbone for “Smart Room” technology and complete power management of the network throughout your hotel.

2. INSTALL **IntraLAN** TECHNOLOGY:

IntraLAN maximizes performance and bandwidth over the phone system with incredible VDSL speeds. The system includes data and power supply devices and a receiving device for each room:

- > IntraLAN Voice/VDSL Concentrator *for data throughput*
- > IntraLAN Power Supply Unit *for power management*
- > IntraLAN Remote Network Device *for connecting “Smart Room” features*

3. ADD “Smart Room” SERVICES WITH **PLUG-N-PLAY** EASE:

IntraLAN makes remote power management and advanced “Smart Room” amenities possible. Start with core components such as VoIP, HDTV, VoD and high speed internet. Other revenue-enhancing components like video conferencing or pay-for-view events can be integrated at anytime by any vendor.



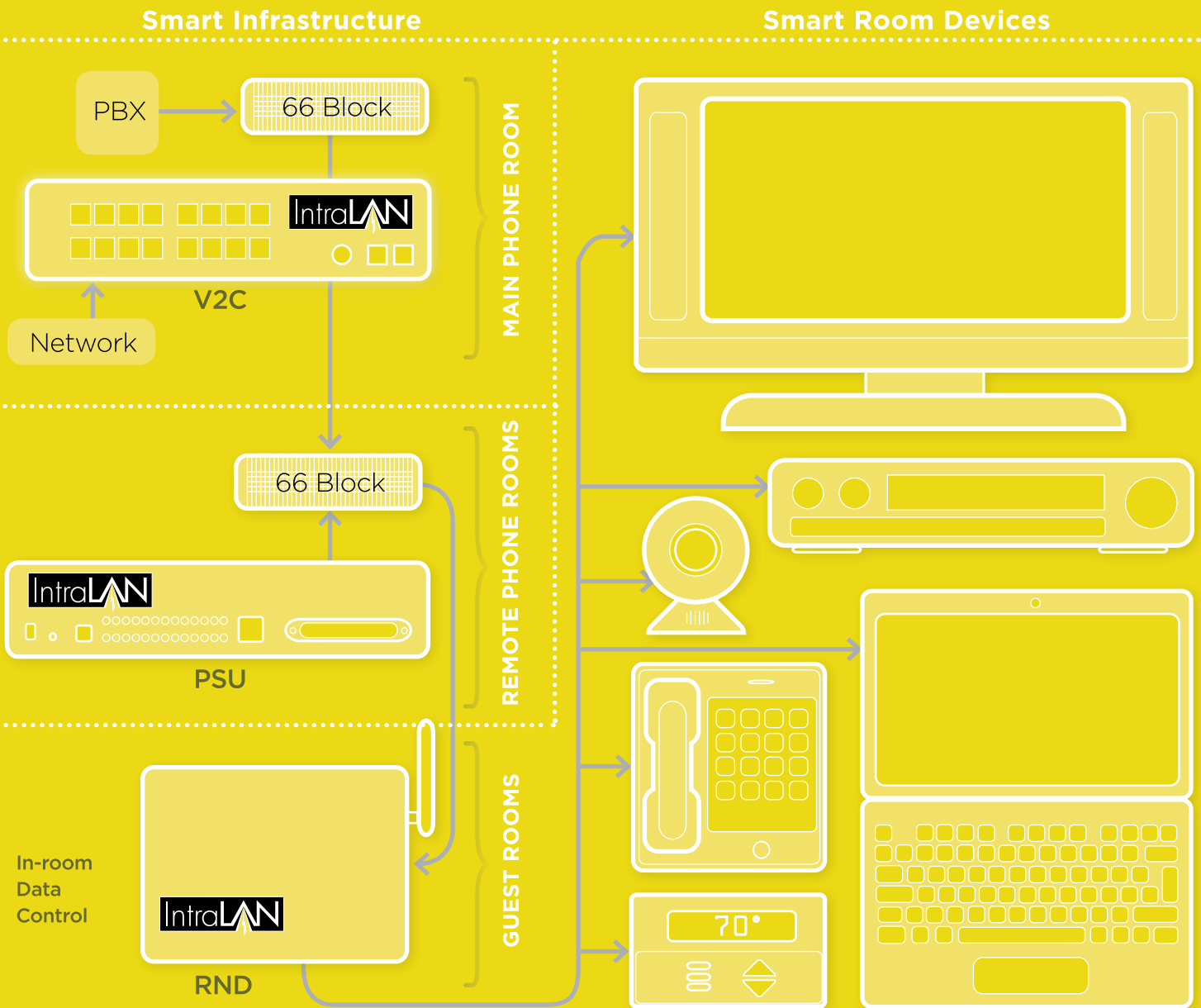
Retrofit with **only 15 minutes** of room downtime.

The surface mount enclosure is designed to be placed directly over a legacy phone connection. The phone wire is pulled through the in-room Remote Network Device (RND) secure back opening and connected using 6 wire Quick-Connects™ as follows:

The 2 Voice/VDSL signal wires are connected to the RND modem which routes the Voice to the phone and the Data to a multi-port Ethernet switch. An optional wireless module is also available.

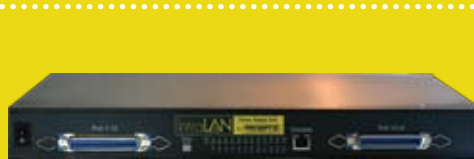
The 4 power wires connect to the RND Power Bar that provides DC power to the modem, switch and additional service modules.

Typical IntraLAN SmartRoom Network FUSION Configuration



Voice/VDSL Concentrator (V2C)

The V2C provides the Ethernet network uplink, designed to be installed in the main phone room. Capable of pushing the Internet signal thousands of feet, it can be installed anywhere between the PBX and rooms. The V2C integrates the Internet data onto the existing voice service without affecting voice quality, relays the PBX voice signal and adds a VDSL data signal onto one of the three pairs of copper wires in a phone cable. This encoded signal is then sent to the designated "in room" RND.



Power Supply Unit (PSU)

The PSU can be located anywhere on the property and is designed to be installed in local phone closet. The PSU injects power over the remaining two pairs of wire in the phone cable. Each PSU supports the power ports of up to 24 rooms within 1,000 feet of the unit. It offers web-based control of the power with automated monitoring, power safety controls and the capability to reset the Remote Network Device(s) and its modules.



IntraLAN Remote Network Device (RND)

The RND is offered in two different enclosure styles for surface-mount or flush-mount installations. Each cabinet houses several components including a DSL modem, a Power Splitter/Distribution bar and a multi-port Ethernet switch. The RND has external phone and Ethernet jacks as well as optional interfaces as required by access to modules such as VoIP and Bluetooth devices, VoD, IPTV, HDTV, environmental monitoring devices, alert and emergency devices.



IntraLAN SRN FUSION Features and Benefits.

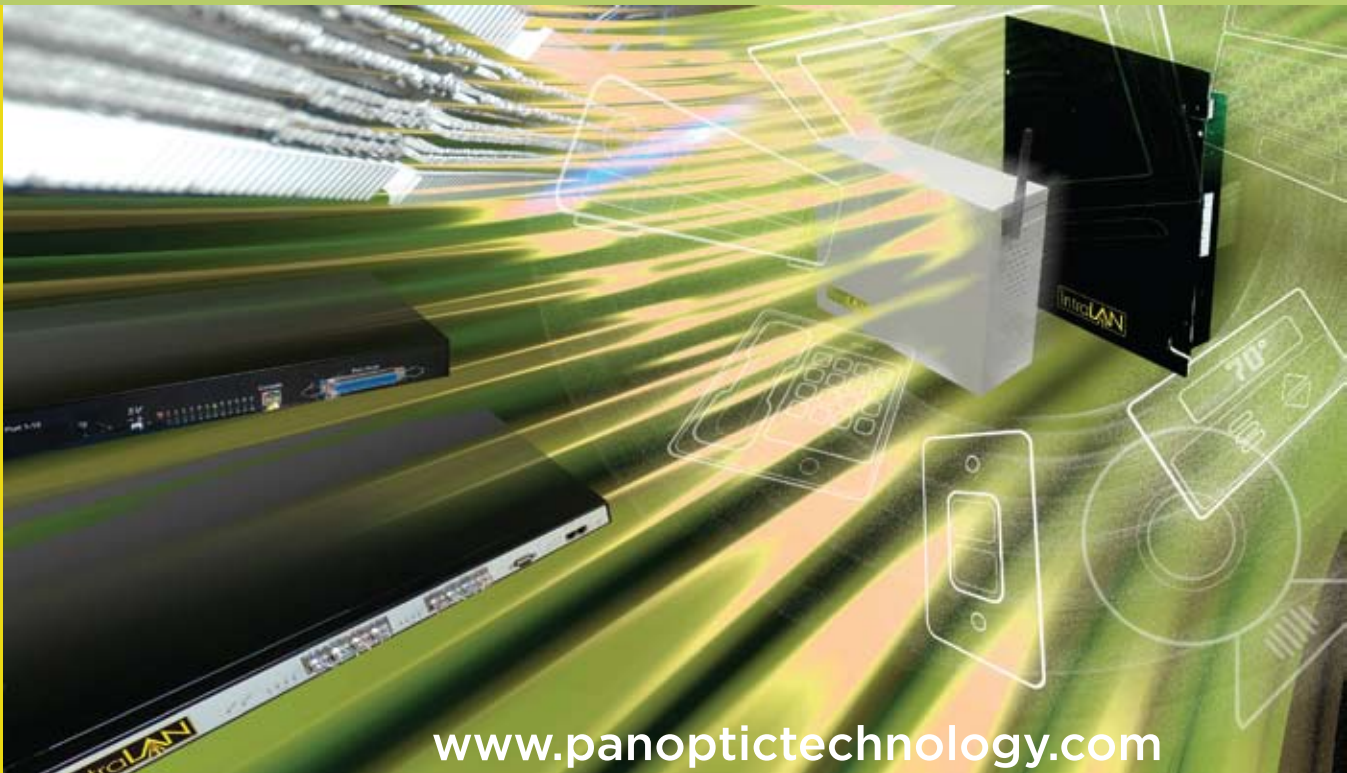
IntraLAN by Panoptic Technology is an integrated, high-tech solution that:

- > Bridges the “Smart Room” gap using your existing legacy infrastructure
- > Uses **NEW** digital subscribe line encoding to deliver up to **100mbs to each guest room!**
- > Controls multiple in-room network and non-network devices
- > Retrofits quickly and easily for integration of new revenue generating services
- > Installed by phone system integrator in only 10-20 minutes a room
- > Advanced ‘watch-dog’ monitoring and resetting for reduced service outages
- > Provides an upgrade platform for higher speeds and additional future options
- > Networked system allows centralized monitoring and control of in-room devices such as lights, thermostats, VoD, VoIP and other room services
- > Voice/VDSL Concentrator has 24 hot swappable cards for “always on” reliability



The hospitality industry is a highly competitive market with hotels constantly adding value to increase their occupancy and guest loyalty. IntraLAN is your key to unlock the Smart Room that will add value to each of your guest’s stay and your bottom line.

Call 866-833-6785, email info@panopticttechnology.com or visit www.panopticttechnology.com to make the smart start for smart room enabling solutions.



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