

# connecting to the future

Solutions that help  
bridge service provider  
technology to consumer  
communication needs.



**tii**

tii network technologies

## Technology drives change.

Business as usual isn't happening as usual anymore. The more benefits realized from new communication technologies, the higher the expectations for even greater advances in functionality, product performance, and operating efficiencies. One of the few constants in the world of telecommunications technology is change and the speed at which it happens

## Change drives innovation.

Changes in technology often solve one issue, only to create a set of completely new ones. The technology developments that have enabled Triple Play represent an important opportunity to grow market share and revenue. But they also represent a challenge for communication service providers: How can I efficiently and economically deliver Triple Play to existing and new homes, and keep the experience seamless and simple for my customers?

At tii, we see change as an opportunity to find ways of doing things better and deliver solutions that not only respond to clients' requests, but anticipate their needs. Since the beginning, we have been a leader in providing innovative technology products and solutions to the communications industry.

## Innovation drives solutions.

Whether it's finding a better way to deliver Triple Play over phone line, COAX or even powerlines, or a way to filter and connect broadband video, VoIP, and data, tii's research and development labs are committed to adding innovative new solutions and product lines to our core technologies in Telco network protection. From overvoltage surge protectors to OutRigger™, an intelligent, fully integrated network interface device, our products and solutions are based on our core principles:

- Customer service is our number one priority
- We respond quickly and innovatively to client needs
- We build quality products

## Our Products and Solutions

tii has been a valuable technology partner to Telco and Cable service providers for over 40 years. We began as pioneers of high-performance lightning and surge protection devices and have expanded our products and solutions to include network interface devices, DSL filters, VoIP products, an intelligent media access portal, and a networking over powerlines solution. Our solutions help service providers operate economically and efficiently — and keep their customers happy.

- ▶ **Network Interface Devices (NIDs)** tii's NIDs are built with rugged, weather resistant polycarbonates. These devices accommodate a variety of our state-of-the-art, proprietary surge protection technologies, electronics, DSL and fiber components, enhancing network performance and reliability.
- ▶ **VoIP** tii produces a range of products that enable cable companies to deploy VoIP telephony swiftly, seamlessly, and efficiently. Customer switching from telco to digital phone service can often be costly in both manpower and time. With tii's Switchable Voice NID, cable companies can complete a triple-play installation on the first truck roll. The unit continues to pass the telco phone signals until the existing phone number has been ported over, when the signal will automatically switch to the cable phone service.
- ▶ **HomePlug™** Our best-of-breed protection and proprietary filtering technologies make tii's HomePlug embedded surge strips and wall adaptors an effective and reliable solution for delivering networking over powerlines. A national satellite TV service provider recently selected tii to provide the HomePlug technology to deliver their new video and broadband over power-line service to consumers, providing access to information and entertainment where and when they want it, without a complicated or costly installation.
- ▶ **Residential Gateways and Networking Solutions** As the Triple Play market grows, service providers are discovering that the largest consumer market is in existing homes, where POTS and COAX cable make conversion to broadband costly, time consuming, and inconvenient. tii's OutRigger™ suite of products, including Wifi and Ethernet bridge solutions, solve this problem. An intelligent NID that is remotely manageable, OutRigger installs outside the home in a rugged, weather-protected enclosure. A modular design, utilizing HomePNA 3.1, OutRigger seamlessly delivers high-speed networked broadband services throughout the home, while reducing installation and maintenance costs for service providers, and rewiring issues for consumers.



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