



< I P E V E R Y W H E R E >



Innovation for the Digital Age.

ONLY ONE IP NETWORKING EQUIPMENT COMPAN

“ We wanted a vendor that we could feel comfortable with in several areas: one who could meet our immediate technology needs and one with a roadmap of where they are going. We were looking for a partner we can rely on to support us now, and produce the products that will meet our needs down the road. In the end Allied Telesis was the company we felt most comfortable with and the one we felt could best satisfy our needs. ”

Jimmy Blevins, CTO, SkyLine Telephone Membership Corporation, USA

SkyLine is deploying Allied Telesis' iMAP and iMG platforms to upgrade its copper plant to a hybrid fiber infrastructure. The new 100MB FTTH delivery network will support both active Ethernet and passive GEAPON protocols over Allied Telesis' 10 Gigabit transport to deliver high-quality voice, video and data.

ANY CAN TELL YOU A GLOBAL STORY LIKE THIS.

From the core to the desktop. From hospitals and hotels, to government agencies and sprawling university campuses. From small-to-medium size businesses, to Fortune 500 enterprises. From Salt Lake to Singapore, from Brasilia to Berlin.

Across them all, Allied Telesis stands as the sole company that can fully equip an entire Ethernet-based, 100%-IP network. With reliable, solidly engineered, standards-based technology at every control point.



But that's just the beginning.

Visionary companies see the vast potential of IP to bring a world of new services into homes, schools and businesses.

Allied Telesis realizes that vision, with engineering that achieves exponential increases in Ethernet carrying capacity, and IP enhancements that guarantee near-real-time delivery. These breakthroughs are the foundation for a new class of products, with feature sets driven by business realities and delivered in vertically focused solution sets. The result? A world of new opportunities, for businesses around the globe.

By leveraging our core competencies in fiber, optical electronics and Ethernet as well as leadership in access technologies, Allied Telesis is enabling the network of the future. This worldwide, all-IP, high-capacity network will reach us wherever and whenever we live and learn, work and play.

IP will be everywhere. And it will be switched and aggregated, routed and transported through technology from Allied Telesis. >

IP NETWORKS FROM END-TO-END.

East-to-west, top-to-bottom, end-to-end. From the MAN to the WAN to the LAN. From the head end to the last mile. Only Allied Telesis provides all the devices for delivering complete IP networks. Networks that switch and route traffic, connect cities, link houses, plumb universities and tie offices together.

Solution Sets, Not Point Products.

Allied Telesis' practical, customer-driven approach focuses on solutions as well as specifications. That's why, from SMBs to huge institutional networks with thousands and thousands of nodes, Allied Telesis can equip a complete network that perfectly matches requirements for performance and reliability, security and manageability. And as large enterprises, government agencies and educational institutions have known for years, only Allied Telesis can deliver the complete package with competitive pricing, single-vendor convenience and total accountability.

Embracing the Standards. And Exceeding Them.

While Allied Telesis engineering adheres strictly to Ethernet and IP standards, our commitment to leading-edge engineering goes well beyond them. We are at the forefront in new and emerging IP-delivery technologies such as WDM-based optical networking, high-speed xDSL and FTTH, enhanced wireless and 10G transport. Our routers and switches offer network operators remarkably capable solutions in today's demanding, high-performance environments. Rich functionality, advanced QoS capabilities and flexible configuration options make them the smart choice in virtually every installation. And to ensure that our technology remains at the forefront, our R&D budget is one of the largest in the industry. More than 30% of the staff is directly involved in engineering.



Allied Telesis is working with its suppliers to comply with the European Union Restriction of the Use of Certain Hazardous Substances (RoHS) in Electrical and Electronic Equipment. The RoHS directive prohibits the importation of electronic equipment containing certain hazardous substances in the European Union and takes effect on July 1, 2006. Allied Telesis is committed to fully comply with the RoHS Directive on or before July 1, 2006.





Allied Telesis has deployed iMAP, iMG and switch solutions in a 15-story San Jose State University building as part of a cutting-edge student residential community with world-class amenities, including high-speed Internet access, video-on-demand, computer lab, convenience store and an interactive gaming center.

“ We chose Allied Telesis for two reasons. The first was the technology. We wanted a tested solution from a vendor that was already proven in this space. Allied Telesis has deployed these networks and knows the technology inside out. The second was support. We wanted more than just a vendor — we wanted a partner. Allied’s ongoing support and involvement have been phenomenal. From the RFP stage forward, they’ve been head and shoulders above anyone else. ”

**Art Mimnaugh Jr., Chief Network Engineer,
San Jose State University, USA**

**Global Manufacturing.
Worldwide Distribution.**

To maximize availability of our 1200+ products, we own three ISO 9000-certified manufacturing plants and operate seven R&D facilities on four continents. Owning our own production allows us to enforce rigorous quality control — achieving a mean-time-between-failure as high as 4.5 million hours — while keeping costs down and prices low. The industry’s second-largest distribution network reaches into 30 countries, encompasses seven warehouses on six continents, and works in partnership with some of the largest distributors and resellers in the world.

Distribution Network



Research and Development Centers



Manufacturing





Extending the Network. E

Allied Telesis technology opens

of innovative services that com

data with real-time voice and

limited only by t

Video on demand Home security HDTV Home security Remote medicine Video surveillance Voice-over-IP Video surveillance Remote medicine Video surveillance Voice-over-IP Music services Music services Voice-over-IP Music services Distan

“ The fiber optic communications infrastructure enabled by Allied Telesis’ access and switching equipment provides a sound, redundant, and highly flexible network for the residents and business users of Loma Linda’s network utility. ”

W. James Hettrick, Director of Information Systems, City of Loma Linda, USA

The City of Loma Linda, California, operates a city-wide, fiber-optic based, communications network, using Allied Telesis iMAP, iMG, and switch platforms.



“ We already knew Allied Telesis for their transceiver and media converter product lines and respected them for their reliability and attractive price points. The same can also be said for the high-end access products which are well designed and easy to implement. ”

Per Inge Setane, Technical Director, Ella Kommunikation, Norway

Ella has deployed and operates a number of municipal networks delivering IP Triple Play services. It uses Allied Telesis iMAP, iMG and switch platforms.



Expanding the Possibilities.
It's the way for a new generation
to combine interactive, high-capacity
video. The applications are
limited only by the imagination.



Voice-over-IP Music services Distance learning Next-generation interactive gaming TV/e-commerce
 Music services Distance learning Next-generation interactive gaming TV/e-commerce
 Distance learning Next-generation interactive gaming TV/e-commerce

“ Allied Telesis was our obvious choice due to its unmatched price/performance. The deployment of their solutions gives Galileo India the ability to offer a portfolio of differentiated, premium IP services, while our customers gain operational efficiency and increase productivity. ”

Raja Natesan, CEO, ITQ, India.

Using Allied Telesis switching solutions, ITQ operates a mission-critical IP network connecting travel operators to the Galileo customer reservation system.



“ We were confident in our recommendation to Twin Valley to select the iMAP for four basic reasons. The technical capability of the product; the experience Allied Telesis offers in this technology, and its broad product line; the size and stability of Allied Telesis as a company, and the fact that they came in at a cost that worked for us. ”

Brian LeCruyer of RVW Inc., USA

RVW Inc. is a telecommunications engineering consultancy. Brian LeCruyer worked with Twin Valley Telephone to design a new hybrid FTTH network using Allied Telesis iMAP and iMG platforms.



LEADING THE WAY WITH IP TRIPLE PLAY.

Converged voice/video/data networks are no longer just the wave of the future. Because Allied Telesis is delivering them today. For consumers, these networks revolutionize access to information and entertainment. For business owners, they create additional revenue sources and open new opportunities.

Technically Sophisticated. Business-Savvy.

Allied Telesis' 100%-IP Triple Play solutions reflect not only the technical demands placed by new services, but also the business imperatives. Our IP-over-Ethernet approach is the foundation for a reliable service that is inexpensive to purchase, install, operate and maintain. Its easily deployed architecture, high scalability and low cost-per-port make it the ideal choice for consumer services in thousands or millions of homes.



We support both ADSL for consumer uses, and VDSL for business applications. And for new construction, or any installation where the goal is to future-proof the wiring and maximize bandwidth, we offer passive and active fiber. Our modular approach flexibly supports Fiber-to-the-Home, Fiber-to-the-Curb and other distribution strategies.

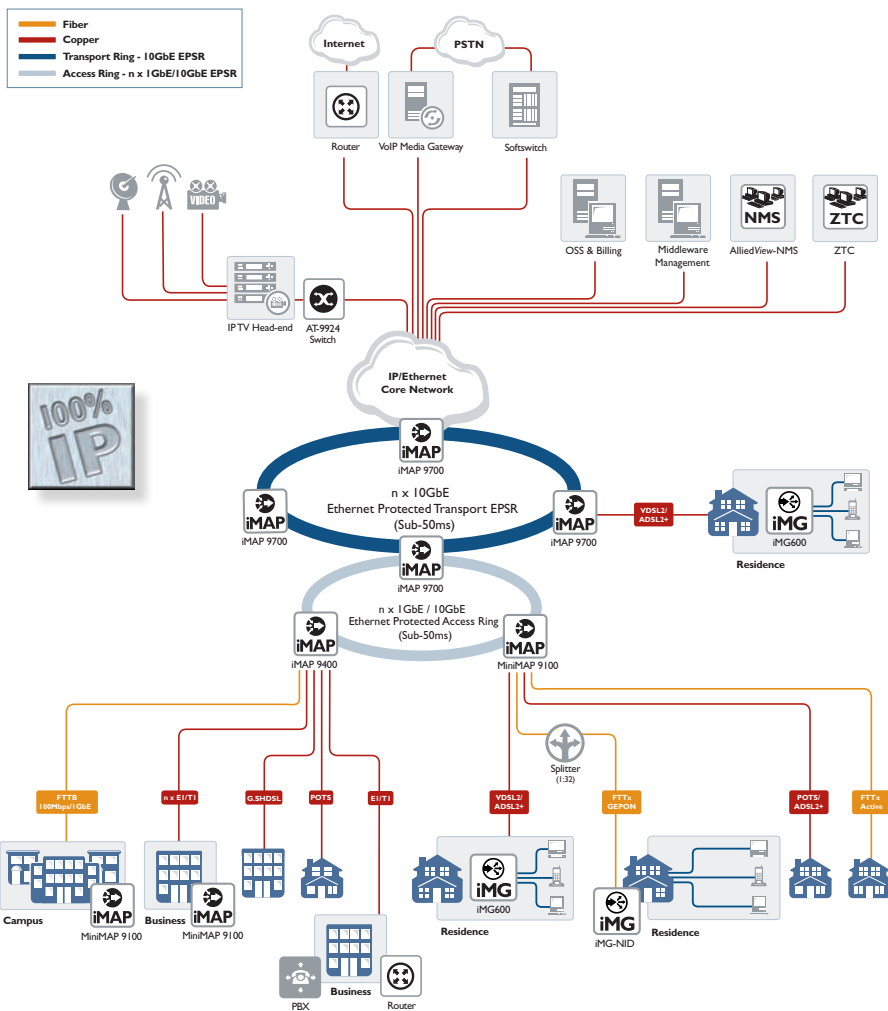
A single platform supports all these first-mile methods, allowing carriers to transition from copper to fiber without reinvesting in the core hardware.

POTS-to-10G. Flexible, Affordable and Future-Proof.

The Allied Telesis architecture offers unprecedented flexibility by supporting multiple first-mile scenarios. Our xDSL services use existing, pre-installed copper pairs in finished buildings, and are especially useful in hotels and hospitals where pulling new cable would be unacceptably disruptive.

Engineered for the Bottom Line.

Allied Telesis customer premises equipment is designed to install cost-effectively and deliver services profitably. It supports plug-and-play installation by the customer, involving little more than connecting cables. Remote management and diagnostic capabilities eliminate truck rolls for installation, service provisioning and software changes. Security measures protect consumers from outside attacks, and providers from service theft. >



The Allied Telesis IP Triple Play Architecture

Our solution features the award-winning iMAP integrated Multiservice Access Platform. Available since 2003 and now powering over 100,000 IP Triple Play ports, the iMAP is a world-class last-mile and Ethernet transport solution providing high-density modules for POTS, xDSL, T1/E1, Ethernet, active fiber and GEAPON FTTx technologies as well as 10G backhaul.

At the customer premises, the iMG intelligent Multiservice Gateway integrates seamlessly into any end-to-end networking system, carrying our high standards for security, performance and management across the last/first mile.

Throughout the network, our Layer 2/3 switches have the intelligence to deliver converged services reliably, through superior per-port QoS, multicast handling, load balancing and traffic-management capabilities, as well as support for all the prevailing VoIP standards.

“ We’ve been very impressed with Allied Telesis’ responsiveness and customer service. Anything we wanted to see, they brought out and set up for us, and then proved it would work in our design. We’ve been really pleased with the commitment and the quality of the products they offer. ”

Rich Ellison, Network Services Manager, North Dakota Telephone Company, USA

North Dakota Telephone is deploying Allied Telesis’ iMAP and iMG platforms for its ADSL2+ Internet and telephone services and for its future FTTx overbuild.

GOING THE EXTRA MILE.

Whether servicing an enterprise data network or planning a carrier deployment in the first mile, Allied Telesis goes the extra mile. Our customer commitment goes far beyond fulfilling the terms of a purchase order. For our entire organization, the ultimate deliverable is customer success.

Supplying More Than Equipment. The Expertise Behind It.

Allied Telesis is a thought leader in how networks should be designed, and services profitably delivered. By engaging our professional services organization, customers ensure that they are architecting networks for easiest installation, highest performance, simplest maintenance and future-proof design. Even large telcos with extensive in-house resources have turned to us for assistance with multicast networks. And forward-thinking resellers are partnering with us to open lucrative new opportunities.

Customized at the Factory, for Faster Rollouts in the Field.

Allied Telesis custom factory services speed large deployments. Our configuration and packaging services include preloading customer-specific defaults, affixing labels or including instruction inserts. We also can standardize the customer's preferred firmware across separate product shipments, easing in-field maintenance.

Outsourced Services. In-House, On-Site, On-Call.

Networking companies and in-house organizations can broaden their own support capabilities by making our professional services organization a part of their own. They can offload some or all of their support duties to us, from regular on-site maintenance to one-off tasks such

Allied Telesis Engineering and Support Services Include:

- > On-site engineers
- > Customer-site educational offerings
- > Classroom training at Allied Telesis facilities
- > Network design assistance
- > Sustainment engineering
- > Product customization
- > Interoperability and systems testing

as device configurations or assistance with engineering changes. Resellers who rely on Allied Telesis equipment have the option to outsource their customer support to our organization, leaving their companies free to focus energies on new opportunities. >



www.alliedtelesis.com

IP EVERYWHERE

“Allied Telesis enabled us to get twice as many ports at the same price. We couldn't be happier with our decision to implement its solution.”

Garett McKay, El Monte Union High School District, USA

El Monte upgraded its entire district network using Allied Telesis Layer 3 switches.



CONVERGE ON ALLIED TELESIS.

The Allied Telesis Group has one of the industry's most extensive distribution networks, with sales and support locations in most of the world's developed regions. We also partner with some of the world's largest distributors and resellers, assuring immediate availability of products and support services.



iMAP Integrated Multiservice Access Platforms



iMG Intelligent Multiservice Gateways



Optical Networking



Network Management & Software



Switches



Routers



Voice-over-IP



Media Conversion



Wireless Networking



Network Adapter Cards

For more information on our worldwide locations, visit us online at www.alliedtelesis.com

Founded in 1987, Allied Telesis, Inc. is a member of the Allied Telesis Group, a global provider of secure Ethernet/IP access solutions and an industry leader in the deployment of IP Triple Play networks over copper and fiber access infrastructure. Our POTS-to-10G iMAP integrated Multiservice Access Platform and iMG intelligent Multiservice Gateways, in conjunction with advanced switching, routing and WDM-based transport solutions, enable public and private network operators and service providers of all sizes to deploy scalable, carrier-grade networks for the cost-effective delivery of packet-based voice, video and data services. Visit us online at www.alliedtelesyn.com.

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