

TransPAC Link to Pacific Wave Expands Reach of International Research



SEATTLE, WA. November 7, 2001 – TransPAC today joins a prestigious group of international research, education, and development networks that exchange network traffic through the Pacific Wave International Peering Service at the Pacific Northwest Gigapop in Seattle, Washington.



TransPAC provides high-performance international Internet services connecting the Asia Pacific Advanced Network (APAN) to the Internet2 Abilene high-performance network, vBNS, and other global networks for the purpose of international collaborations in research and education. Indiana University is responsible for network engineering, operation, and management for TransPAC within the United States.

“The key to successful global collaboration within the research and education communities is a seamless, efficient, and effective underlying communications infrastructure,” said Indiana University’s James Williams, Manager Advanced Network Services. “The Pacific Wave service is a well-engineered and critical component of this overall infrastructure that assists us in meeting these communications needs.”

INDIANA UNIVERSITY

Pacific Wave is a fully-redundant IP traffic switching infrastructure designed for use by research and educational institutions within the U.S. and the Pacific Rim. Capable of passing 128Gbps of traffic today, Pacific Wave is located at a premier telecommunications carrier facility in Seattle, Washington. TransPAC connects APAN across the Pacific and into this facility over an OC-12 (622Mbps) circuit provisioned by Teleglobe.



“TransPAC is providing an immensely valuable service in connecting APAN entities to other, research networks world-wide. By connecting to Internet2 at the Pacific Wave, TransPAC offers yet another level of synergy that will help reduce the barriers to international research efforts,” said Ron Johnson, Vice President and Vice Provost of the University of Washington. “Indeed, many of those research efforts are underway right here in the Pacific Northwest at the University of Washington, University of Alaska, Oregon Health & Science University, as well as at others of the Pacific Northwest Gigapop’s partners.”

Through Pacific Wave, TransPAC will directly exchange network traffic with the Internet2 Abilene network, AARNet (the Australian Academic and Research Network), CA*net 3 (the Canadian Academic Network), as well as the Pacific Northwest Gigapop and its affiliated research and education networks throughout Alaska, Washington, Oregon, Idaho, and Montana.

“Internet2’s partnership with the APAN community will be greatly enhanced by the upgraded TransPAC connections via the Pacific Wave. Projects like Pacific Wave and TransPAC play an important role in contributing to the Internet2 goal of enabling research and education globally over high-performance networks,” said Heather Boyles, Director of International Relations for Internet2.

TransPAC offers its high-bandwidth research network to nearly 300 Asia-Pacific and United States educational institutions and research laboratories for testing a range of applications, including astronomy, molecular biology, high-energy physics, medicine, meteorology, computational science, and distance learning. Major funding for TransPAC comes from the US National Science Foundation and the Japan Science and Technology Corporation.

About TransPAC

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About Pacific Northwest Gigapop (PNWGP) and Pacific Wave

Pacific Northwest Gigapop is the Northwest's Next Generation Internet, Internet2/Abilene applications cooperative, testbed, point of presence, and home to the Pacific Wave International Peering Service. PNWGP and Pacific Wave connect together high-performance international and federal research networks with universities, research organizations, and leading-edge r&d and new-media enterprises throughout Washington, Alaska, Idaho, Montana, Oregon, Canada, Australia, and Japan. For more information visit www.pnw-gigapop.net and www.pacificwave.net.

About Indiana University

Indiana University is one of the oldest state universities in the Midwest and also one of the largest universities in the United States with more than 110,000 students, faculty, and staff on eight campuses. IU has a growing national and international reputation in the areas of information technology and advanced networking. For more information visit www.indiana.edu.

About the University of Washington

The University of Washington is one of the world's top research universities. Perennially among the top 3 American institutions in peer-reviewed research activities and related competitive contracts and grants, and with numerous top-ranked programs, the UW is a university which truly embodies the ideals of "Learning @ the Leading Edge"™. For more information visit www.washington.edu.

About Internet2

Led by over 180 US universities, working with industry and government, Internet2 is developing and deploying advanced network applications and technologies for research and higher education, accelerating the creation of tomorrow's Internet. Internet2 recreates the partnerships of academia, industry, and government that helped foster today's Internet in its infancy. For more information visit www.internet2.edu.

About Teleglobe

A leading provider of global communications and Internet services, Teleglobe has a maximum lit capacity of 10 million+ Gbps-miles, 57 major POPs, and 300,000 square feet of hosting facilities (year end 2001). Teleglobe has one of the world's largest international Internet backbones serving a broad base of enterprise, Internet content Provider (ICP), internet service provider (ISP), and carrier customers. For more information visit www.teleglobe.com.

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