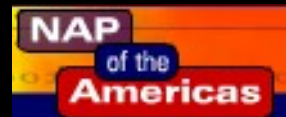


Heidi Alvarez
heidi@fiu.edu

Presents...



***AmericasPATH to :
Inter-American Institute for
Global Change Management
(IAI) February 15, 2001***



The AMPATH Project

- AMPATH is a project led by FIU, in collaboration with Global Crossing (GC), to interconnect the R&E networks in South and Central America, the Caribbean and Mexico to US and non-US R&E networks via Internet2's Abilene network.
- GC's terrestrial and submarine optical-fiber networks (SAC, PAC and MAC) are used to build the AMPATH network.

Continued...

The AMPATH Project

- GC has donated up to 10 DS3s for the AMPATH project representing a \$25M donation over three years.
- Cisco donated a GSR 12012 router valued at \$390,400.
- Lucent donated a CBX-500 ATM switch listing for \$523,000.
- Terremark and FIU have an agreement for the AMPATH POP to be located in the NAP of the Americas, operated by FIU
- FIU offers cost-effective solutions for bandwidth and operational services.
- FIU offers its commitment, leadership and expertise to the success of the project.

AMPATH Project Goals

- To enable participating countries to contribute to the research and development of applications for the advancement of Internet technologies.
- To extend the Internet2 research and education community for high-performance networking to South and Central America, the Caribbean and Mexico.

Florida International University

- Doctoral/Research University-Extensive.
- A member of the State University System of Florida with 32,000 students.
- One of the nation's largest doctoral-granting majority-minority universities.
 - Largest contingent of Hispanic students of any doctoral-granting university in the country.
- Internet2 GigaPOP with the University of Miami and Florida Atlantic University.

AMPATH Service Area



- Argentina
- Brazil
- Chile
- Colombia
- Costa Rica
- Mexico
- Panama
- Peru
- Puerto Rico
- US Virgin Islands
- Venezuela

Global Crossing



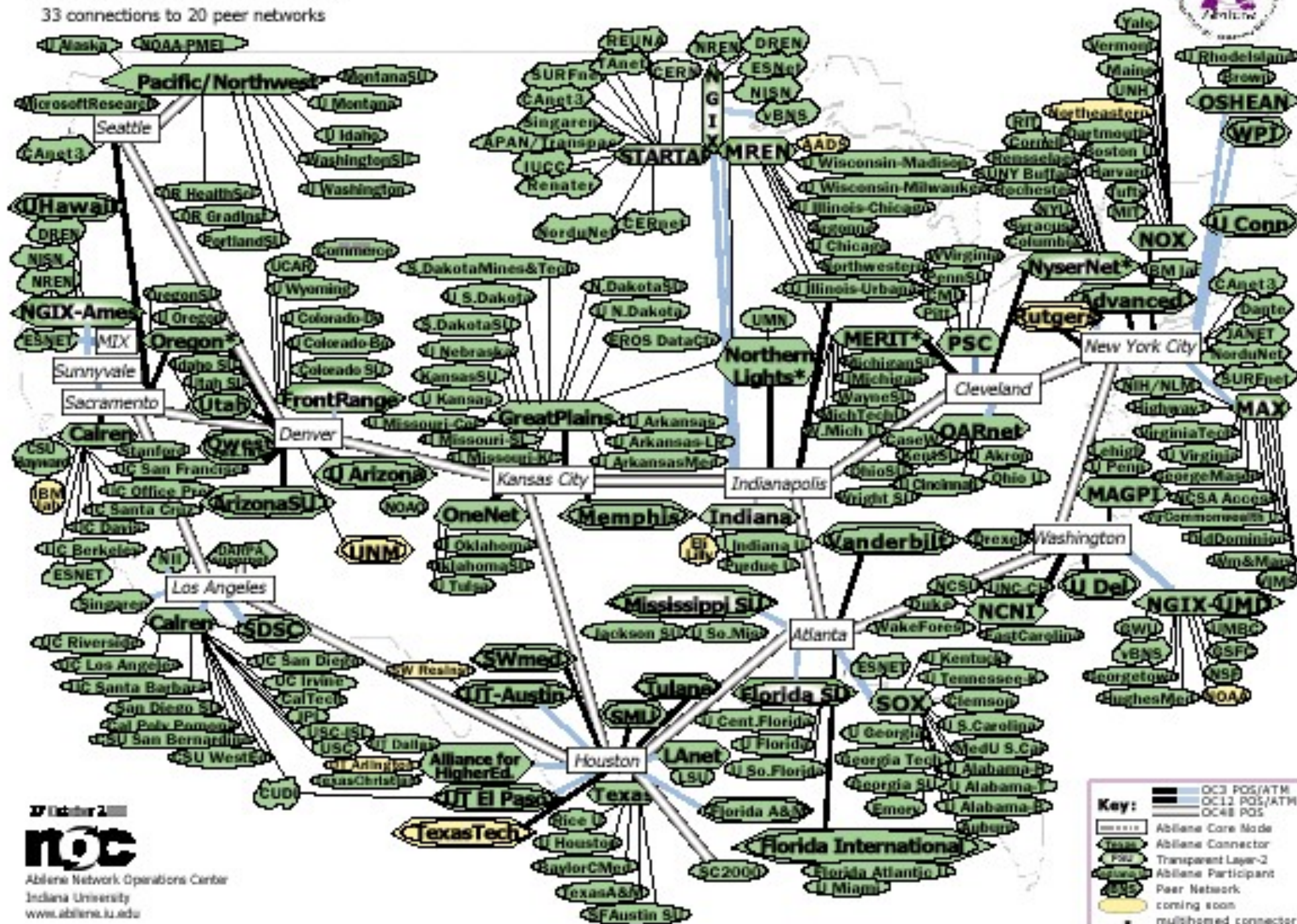
Global Crossing™

- GC is a world-class telecommunications service provider and a carrier's carrier.
- GC is building and offering services over the world's first global fiber-optic network with over 101,000 route miles, serving five continents, 27 countries and more than 200 major cities.

MAP...



The Abilene Network



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Ablene Network Operations Center
Indiana University
www.ablene.iu.edu

IAI Goals



- Pause for discussion
- G.E.F. PROJECT
RLA/92/G 34 (Data
processing,
communications,
GIS...)
- Other goals and
objectives

The IAI & AMPATH

- The AMPATH high-performance R&E network provides service in the IAI's area of operation
- FIU wants the IAI to use AMPATH for its R&E networking needs
- FIU does not plan to charge the IAI for using AMPATH
 - The AMPATH cost-sharing model charges the NRN in each country a % of FIU's operational costs.

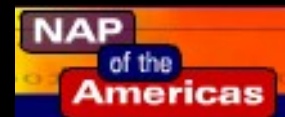
Challenges

- Identify National Research Networks (NRNs) in all IAI participant countries. For example:
 - Brazil has RNP
 - Chile has REUNA
 - Argentina has RETINA
 - Panama has SYNECET
- Extend the AMPATH Network to all IAI countries (Ecuador, Bolivia, etc.)
- Help the universities and R&E centers, where IAI researchers are located, connect to AMPATH through the NRNs
- Funding (Hardware, etc.)



AmericasPATH

Thank You !



AMPATH Network

