

## CISE NGI FUNDING

	<b>Goal 1</b>	<b>Goal 2</b>	<b>Goal 3</b>
<b>FY98</b>	<b>\$6M</b>	<b>\$11M</b>	<b>\$6M</b>
<b>FY99</b>	<b>\$6M</b>	<b>\$11M</b>	<b>\$8M</b>

## Budget Perspectives

<u>CISE</u>	NGI	Other	Total
FY98	\$23M	\$246M	\$269M
FY99	\$25M	\$274M	\$299M
<u>ANIR</u>	NGI	Other	
FY98	\$17M	\$44M	
FY99	\$17M	\$44M	+\$13M

## **Order of Presentation**

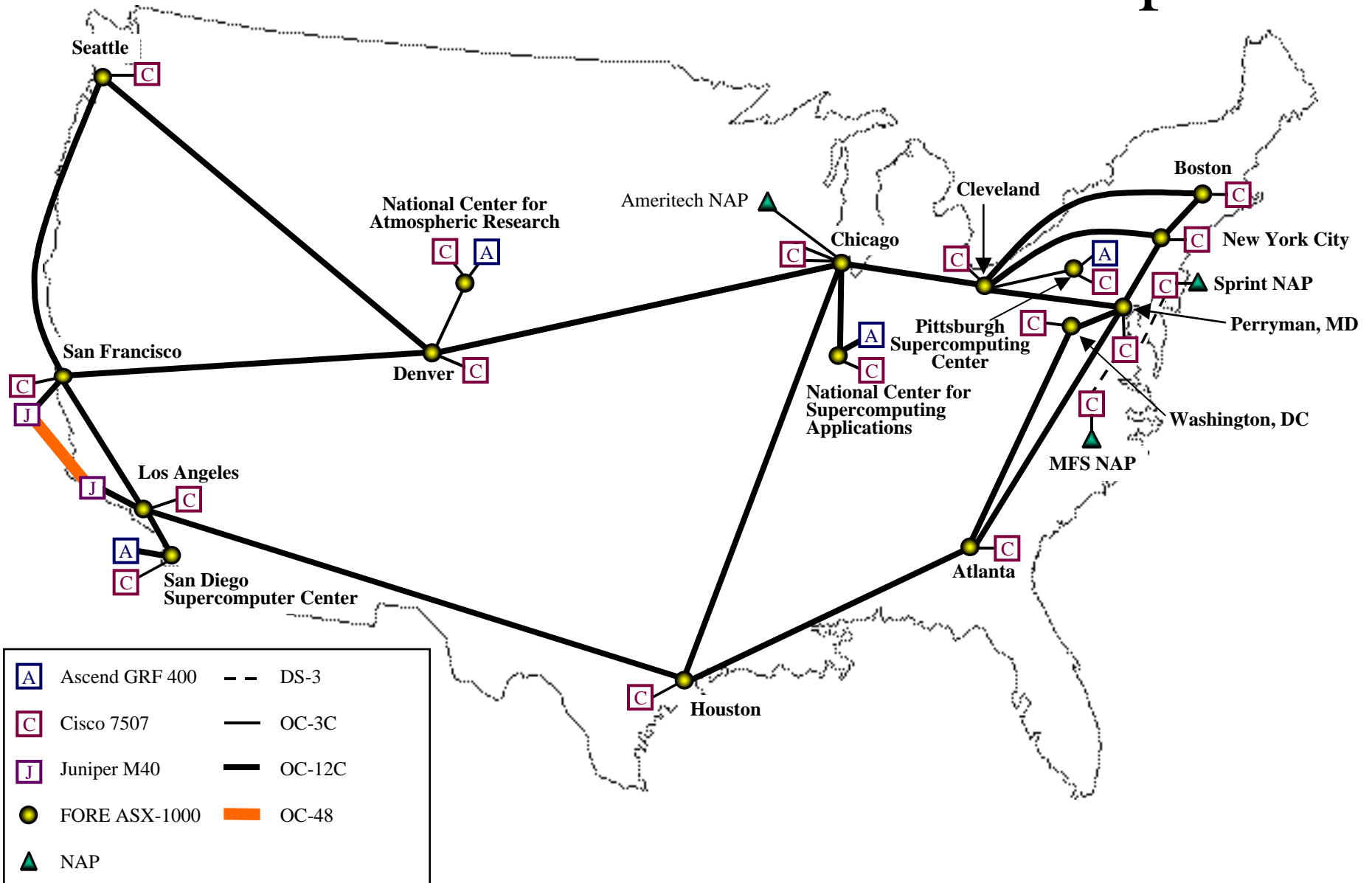
**Goal 1            Karen Sollins            Networking Research**

**Goal 2            Javad Boroumand    100 at 100**

**Goal 3            Bill Decker            Applications**

**Other            Aubrey Bush            Geographic Reach,  
Technology Transfer,  
Outreach,  
Agency Interaction,  
IT Leadership**

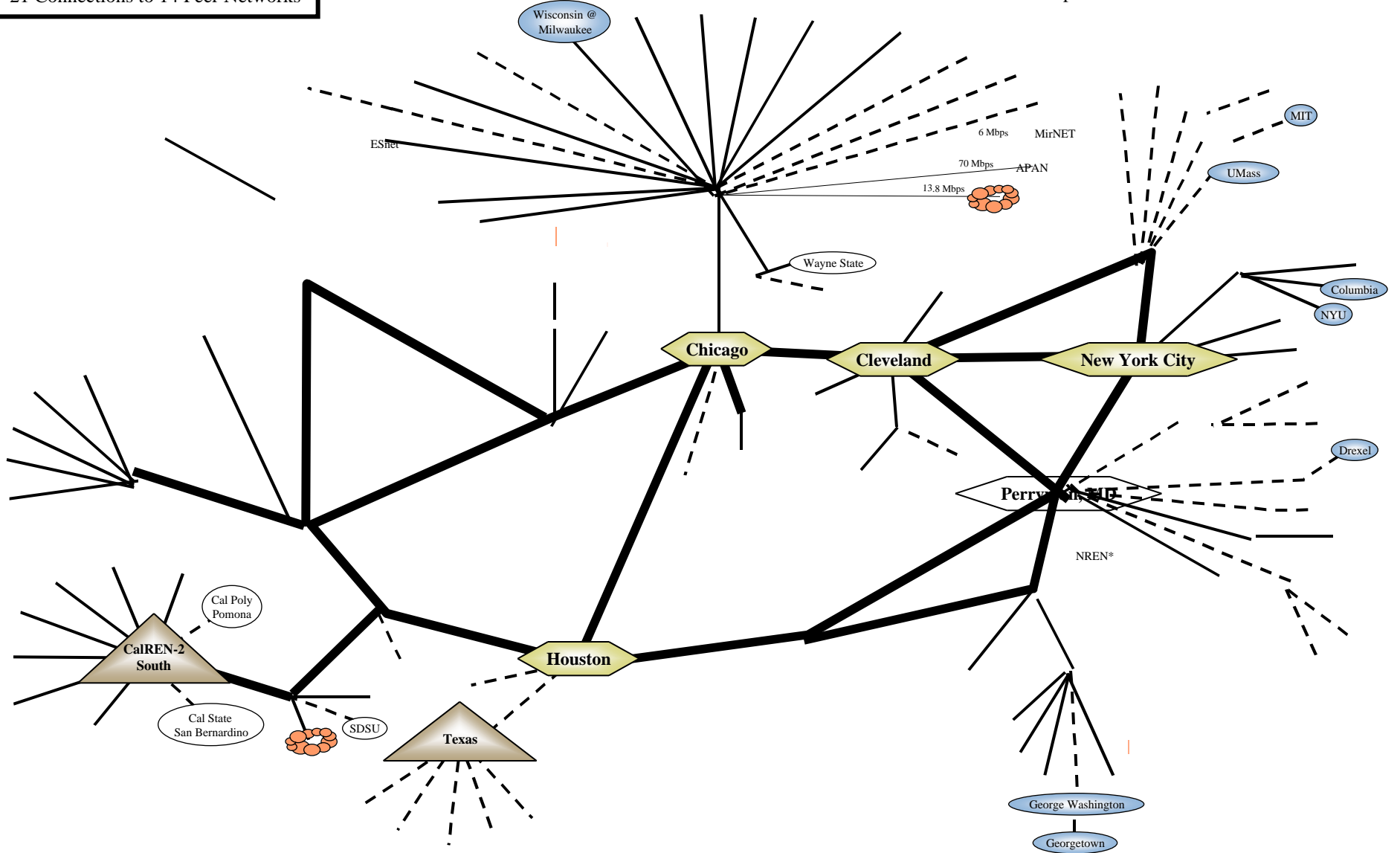
# vBNS Backbone Network Map



104 Institutions Connected  
21 Connections to 14 Peer Networks

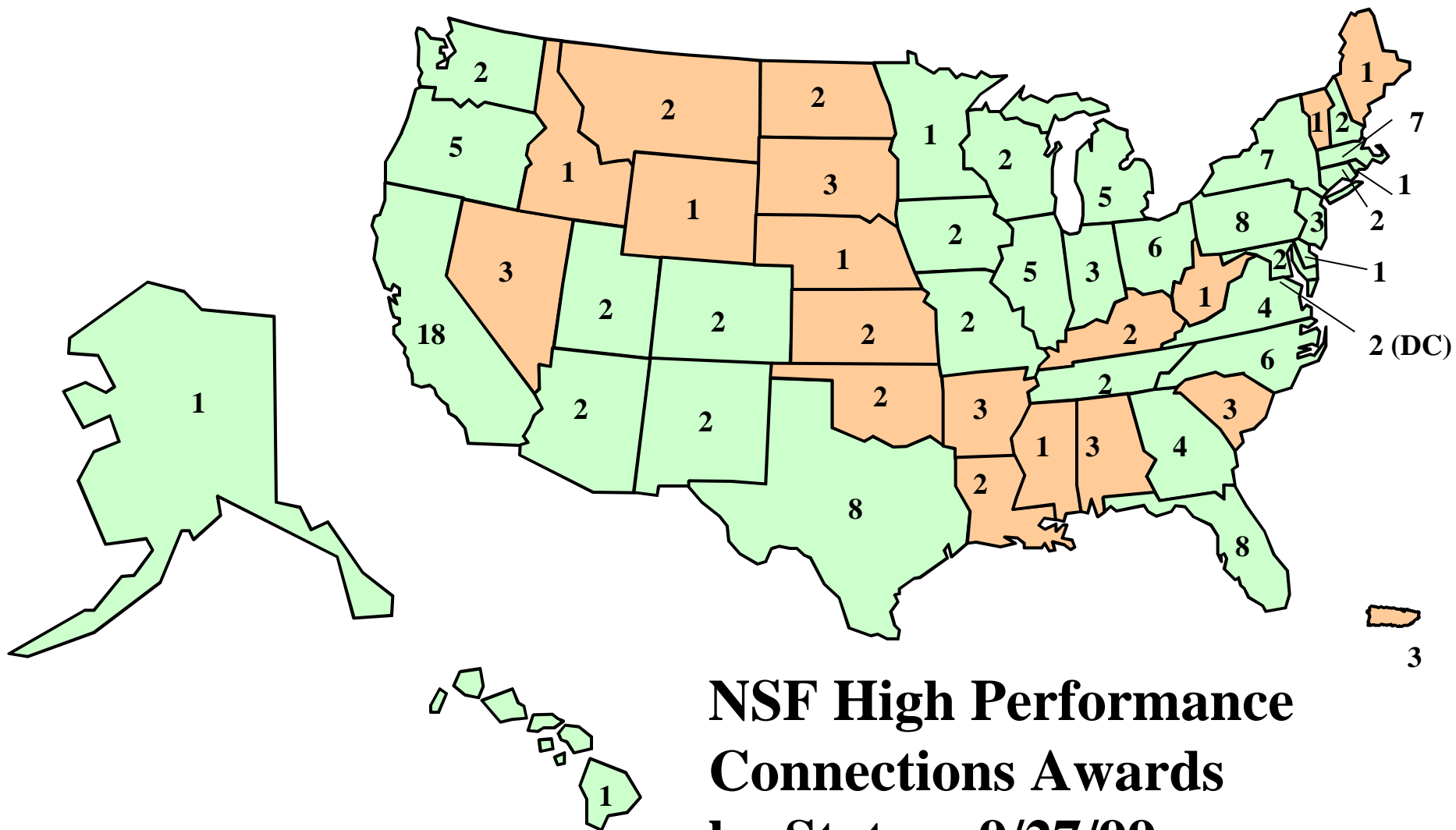
# vBNS Logical Network Map

Last Updated 08/12/99



NOTES: Lines between institutions and aggregation points or NAPs represent the configured bandwidth of their connection to the vBNS. The bandwidth of the actual circuits may be greater than shown.

\*These are temporary peering points. Permanent East Coast peering with these networks will take place at NGIX-E as soon as it is operational.



## NSF High Performance Connections Awards by State -- 9/27/99

Non-EPSCoR
  EPSCoR

**Minority Serving Institutions**

**NSF Advanced Networking Project with  
Minority-Serving Institutions**

**EDUCAUSE**

**This project addresses the Native American,  
Hispanic, and HBCU populations.**

## **MSI Project Features**

**1- Developing and Enhancing Executive Awareness and Leadership**

**2- Developing and Enhancing Campus Capabilities**

**3-New Technologies and Improved Connections**

**4- Advanced Applications**

**5- Leveraging Related Opportunities**

**\$5.99 M over four years**



# **Technology Transfer**

**vBNS+**

**Abilene**

**VINTLab**

**Internet Engineering Laboratory**

**Interagency Coordination**

**National Coordination Office**

**Large Scale Networking**

**Joint Engineering Team**

**High Performance Network Applications Team**

**Network Research Team**

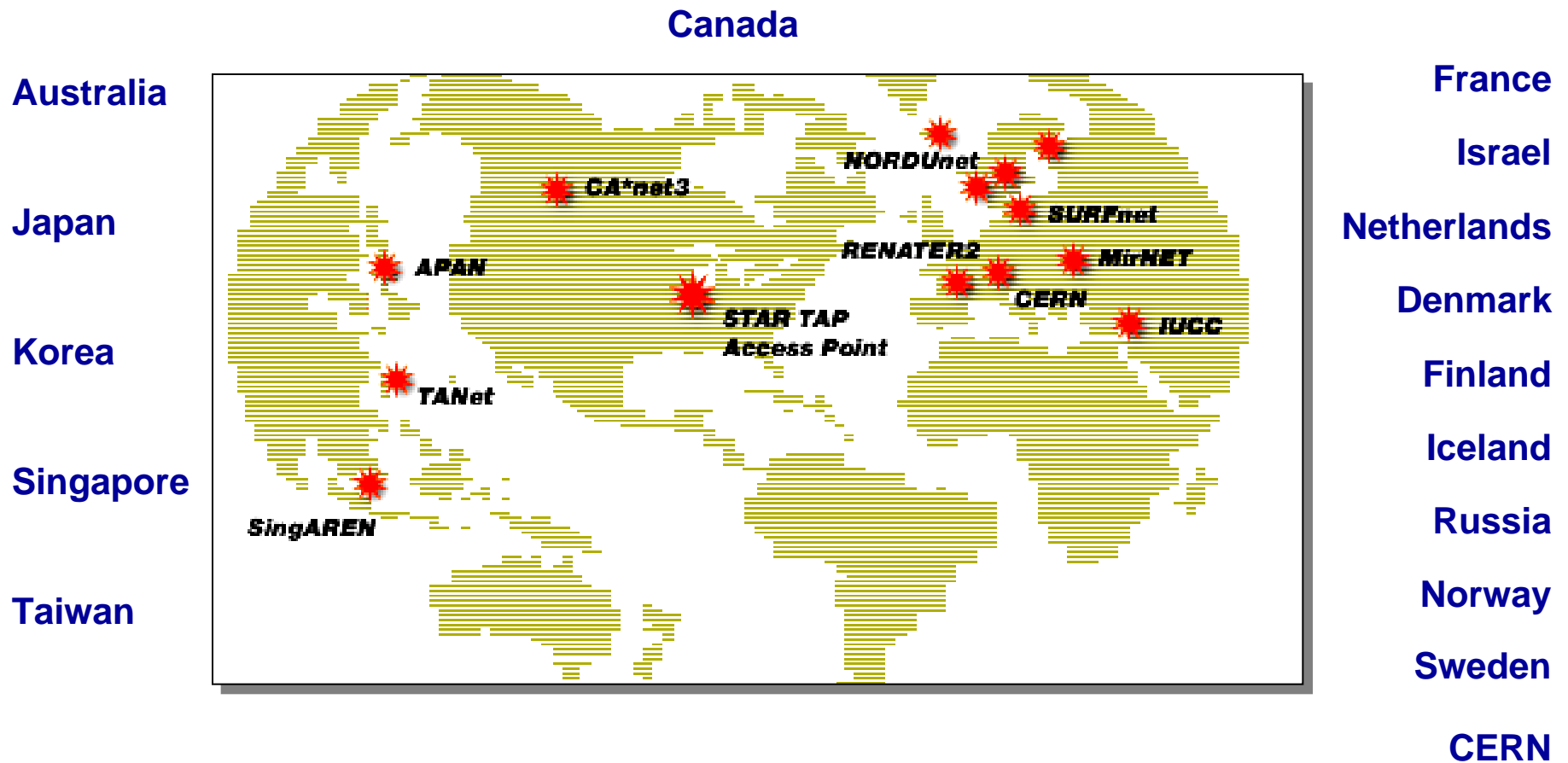
## **IT Leadership**

**Proliferation of High Performance  
Networks**

**International Networking**

# STAR TAP:

Persistent Interconnect for NGI, Internet2,  
International High-Performance Networks



Source: <http://www.startap.net/NETWORK>