



FLR
Florida LambdaRail

FLORIDA'S 100 Gbps
RESEARCH AND
EDUCATION NETWORK



*Furthering Research,
Advancing Education,
and Supporting
Economic Growth
through the Deployment
of Next Generation
Network Technologies*

The FLR Difference



ONLY FLR combines advanced networking technology with a commitment to serving the needs of Florida's Research and Education community.

Our participants are dedicated to fostering discovery and innovation. When you join FLR, you become part of a research and education network that was built from the ground up with the needs of organizations like yours in mind.

STATE OF THE ART DATA NETWORK

FLR participants are provided with accessibility and connectivity to an advanced, highly scalable 100 Gbps broadband network that is designed to meet the ever-growing needs of Florida's research and education community. Only FLR can provide access and connectivity to the national and global R&E networks.

PRECISE AND COMPETITIVE PRICING

FLR is able to offer affiliates exceptional pricing with greater stability and flexibility than other alternatives. Internet access can be purchased in single megabit increments (starting at a minimum of 10) with additional capacity available 'on demand' to handle your short term needs for things such as moving large data sets. Participants also enjoy access to a growing list of FLR services including video conferencing and network security tools either free or at a reduced price.



FLORIDA'S 100 G RESEARCH AND EDUCATION NETWORK

PEERING

FLR affiliates enjoy direct connections (called peering) with a broad range of telecommunications and network service providers. Peering works by bypassing standard internet connections which results in a reduction of bandwidth needs by as much as 40%, saving your organization money.

FLEXIBILITY AND SECURITY

Florida LambdaRail can set up dedicated waves or pathways exclusively between and among FLR participants - a tool that ensures the security and speed necessary for transmitting large data sets. We also have the ability to establish dedicated virtual private networks (VPN) to securely connect your geographically separated local area networks, servers or intranets without the added expense of leasing additional lines.

HOW DOES MY ORGANIZATION BECOME AN AFFILIATE OF FLR?

To become connected to FLR, your organization must meet one of the following conditions and be approved by our Board of Directors:

- Be an educational institution (i.e., private, non-profit educational institution, Florida public university, community college, for-profit college, or public/private school);
- Be an integral not-for profit participant in a Florida 21st century economy initiative;
- Be in collaboration with a FLR participant in support of research, education, or 21st century economy initiatives provided such participation does not jeopardize FLR's non-profit status;
- Facilitate connecting state or local governmental entities that do not conflict with the purpose of FLR.

STRATEGIC PARTNERSHIPS

FLR has established strategic partnerships with numerous entities in order to provide your organization with enhanced services and great value.

Internet2 - A leading provider of rich online content in the k-20 academic space. I2 brings together primary and secondary schools, colleges and universities, libraries, and museums to extend new technologies, applications, middleware, and content to all educational sectors, as quickly and connectedly as possible. A FLR connection is the only way to access this cutting edge content in Florida.

AmericasPATH (AMPATH) - Housed at FIU, serves as the premiere Network Access Point (NAP) between the United States, Latin America and the Caribbean. AMPATH works as a major research facility recognized by the U.S. National Science Foundation, supporting international e-science.

Atlantic Wave - An international fabric of shared networks (peering) that interconnects the United States, Canada, Europe and South America.

Energy Sciences Network (ESNET) - Links scientists at national laboratories, universities and other research institutions, enabling them to collaborate on some of the world's most important scientific discoveries.

Sunshine State Education & Research Computing Alliance (SSERCA) - Florida university consortium for advanced research computing and big data analysis.

Science DMZ - Fast and secure network environment for the benefit of research and discovery.

United States Unified Community Anchor Network (U.S. UCAN) - Connects anchor institutions such as law enforcement, local government, libraries, etc. to advanced broadband capabilities.

Florida LambdaRail

At FLR we are proud to service the needs of leaders in education, research, health care, the arts, government and more. We currently serve 12 equity partners institutions and dozens of participants. Will you be the next to join?

FLR Partners and Participants

FLR Equity Partners

Florida Atlantic University
 Florida Gulf Coast University
 Florida Institute of Technology
 Florida International University
 Florida State University
 Nova Southeastern University
 University of Central Florida
 University of Florida
 University of Miami
 University of North Florida
 University of South Florida
 University of West Florida

FLR Network Participants

State Colleges

College of Central Florida
 Florida Gateway College
 Southwestern State College
 Florida State College at Jacksonville
 Gulf Coast State College
 Hillsborough Community College
 Indian River State College
 Lake-Sumter Community College
 Miami Dade College
 Palm Beach State College
 Pasco-Hernando State College
 Pensacola State College
 Polk State College
 Santa Fe College
 Seminole State College
 St. Petersburg College
 State College of Florida Manatee-Sarasota
 Valencia College

Higher Education

Barry University
 Eckerd College
 Embry-Riddle Aeronautical University
 Florida A&M University
 Johnson and Wales University
 Rollins College
 St. Thomas University

K-12 Education

Bay County School District
 Broward County School District
 Clay County School District
 Escambia County School District
 Gulliver Schools
 Palm Beach County School District

Other Education

Florida Department of Education
 Florida Virtual Campus

Government

Bradford County
 City of Boca Raton
 City of Clermont
 City of Delray Beach
 City of Gainesville
 City of Jacksonville
 Lee County Clerk of the Court
 Martin County
 Office of State Courts Administrator
 Orange County
 Palm Beach County

Healthcare

Bethesda Health
 Boca Raton Regional Hospital
 Broward Health
 Central Florida Health Alliance
 UF Health - Shands Hospital
 Tallahassee Memorial Healthcare

Not-For-Profit

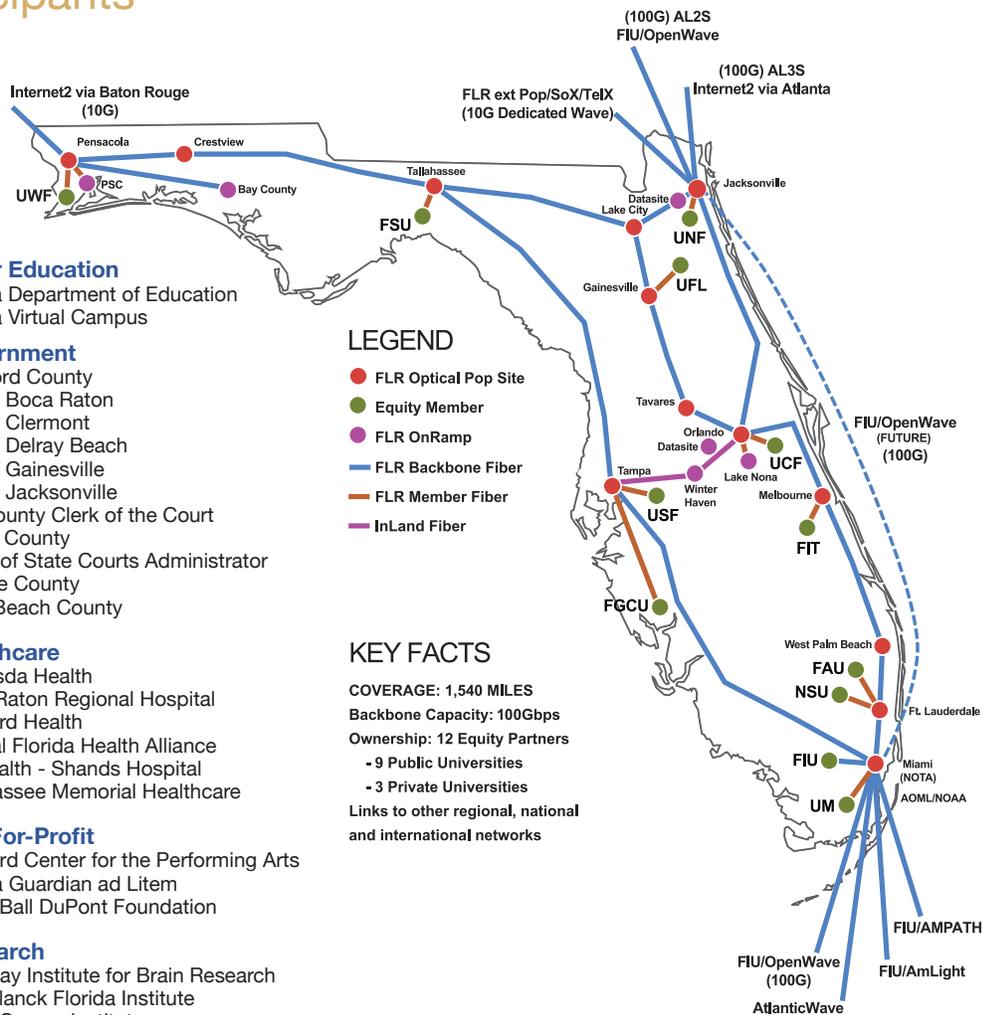
Broward Center for the Performing Arts
 Florida Guardian ad Litem
 Jesse Ball DuPont Foundation

Research

Gateway Institute for Brain Research
 Max Planck Florida Institute
 Moffit Cancer Institute
 NOAA
 Sanford Burnham Prebys Institute
 for Medical Research
 Scripps Research Institute
 UF Institute for Food and
 Agricultural Sciences (IFAS)

Infrastructure as a Service (IaaS) Providers

Education Networks of America (ENA)
 NAP of Central Florida
 Northwest Regional Data Center



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