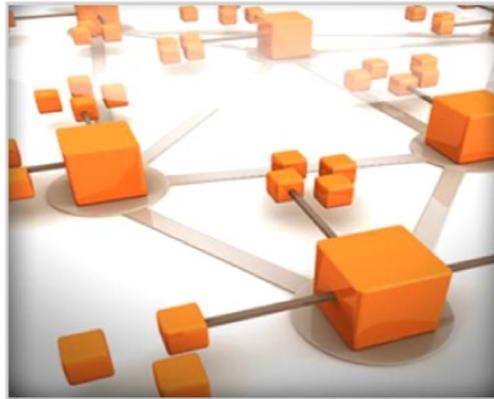# PBCnet Services

Advanced broadband for local connectivity and Internet service

Cost-Effective Network Services

PBCnet allows you to cost-effectively connect to multiple locations and the Internet via a mature, County-owned and operated, fiber-optic and WiMax network.

ELIGIBLE ORGANIZATIONS

Government, Education, and Healthcare

INTERNET ACCESS

Palm Beach County has multiple partners and providers, including the Florida LambdaRail, that enable cost-effective solutions.

DISASTER RECOVERY

There are multiple options for disaster recovery, and PBCnet can provide both the necessary transport as well as DR services.

- Securely extend the reach of your network without the cost and complexity of traditional WAN technologies

- Ethernet simplicity via a direct fiber-optic connection

- Incremental speeds up to 10 Gigabit over the PBCnet MPLS core network

- Designed to effectively carry all of your converged services, such as voice, data and video over IP

Some 20 years ago Palm Beach County began installing fiber-optic cable in conjunction with the numerous construction projects across the County. Now extending more than 650 miles, this private fiber-optic and WiMax network, along with leased connections from the major telecommunications providers, connects more than 400 county facilities.

In 2008, responding to requests from municipalities and other organizations, Palm Beach County began providing direct fiber-attached broadband connections as a service to eligible organizations.

Connecting to PBCnet allows diversity and redundancy. We have multiple fiber routes with diverse entrances that supply connectivity to facilities. Our primary internet is supplied via a direct fiber connection to Florida LambdaRail (FLR) on which we have multiple 10Gb paths to Miami and Orlando, and we are exploring a third optical path to Tampa.

We also have a separate Internet pipe via AT&T which is brought directly into our Emergency Operations Center for an additional level of redundancy. Our entire Internet routing and peering is border gateway protocol (BGP) based and we have multiple load balanced firewall clusters along with screening routers handling perimeter security.

IT Partnership Opportunities

PBCnet Solutions

Advanced broadband for local connectivity and Internet service

Enhanced Connectivity Drives Business **Transformation**

- Support e-government initiatives

- Reliable and secure communications

- A proven track record of service to municipalities, education institutions non-profit organizations and healthcare organizations within Palm Beach County

- Scalable infrastructure for future tech-

SERVICES AVAILABLE

- Installation and Setup

- Maintenance

- Application Support

- Hardware Support

- Technical Support

- Video Conferencing

- VoIP Telephony

More than ever, organizations are controlling expenses, eliminating duplication and looking for ways to collaborate; all with the intention of providing better service while maximizing taxpayer dollars.

Most of Palm Beach County municipalities are already connected to the County's fiber-optic and WiMax network, principally for internet access.

Having support 24/7 is a requisite for any critical infrastructure today. PBCnet has a dedicated local team of professionals who monitor the networks and provide responsive, business-class customer service.

CONTACT INFORMATION

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Visit our website for a full listing of available services:

http://discover.pbcgov.org/iss/itpartnering