

Carrier Network Solutions

Mobile Backhaul Transport

Bluebird Network leverages its vast fiber optic network to provide high bandwidth services to carriers throughout the Midwest and United States. Our carrier grade network offers secure, reliable, and scalable connections, ensuring customers stay in the forefront of today's increasingly digital world. With over 135 Points of Presence (POP) sites spanning the Midwest including major cities like Chicago, St. Louis, Kansas City, Springfield, Tulsa, Peoria, Rockford, Bloomington, Normal and the Quad Cities, you can be sure that your data will travel fast and secure whether it's across the street or across multiple states. Bluebird Network offers data center, collocation, gigabit transport and gigabit dedicated Internet services through Bluebird Underground, our data center housed in a solid limestone cave.

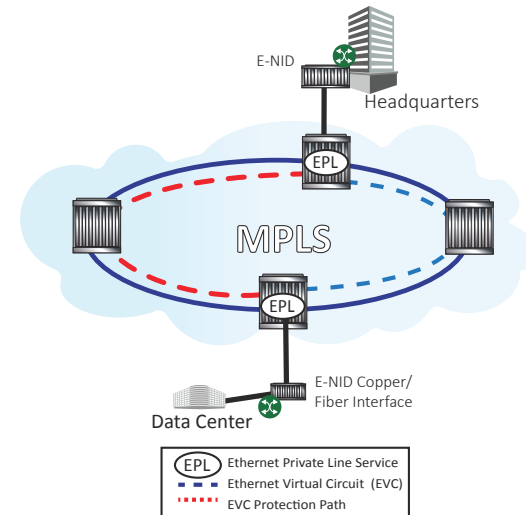
Carrier Solutions

A Fast, Efficient, and Secure Fiber Network

Voice, video and data communications are important to operating almost any type of business. If you need to communicate in a timely and secure manner, then a dedicated circuit from Bluebird Network is right for your business.

Bluebird Network's Mobile Backhaul Transport Services:

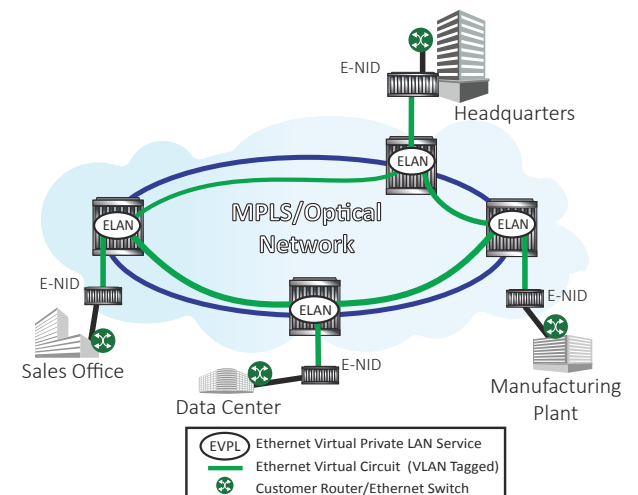
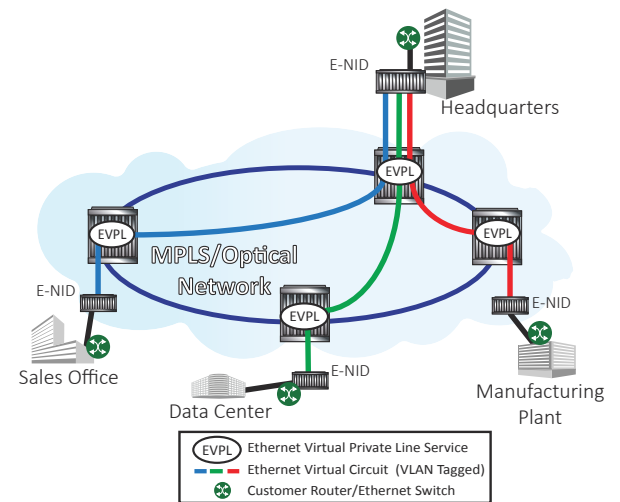
Our Mobile Backhaul Transport service provides Wireless Service Providers (WSP) with highly reliable, low latency bandwidth between their cell sites and Mobile Telephone Switching Offices (MTSO) located in the Midwest. Bluebird Network has constructed an advanced fiber optic network with a 30Gbps backbone capable of scaling to 100Gbps as bandwidth demand grows. With our Private Line Transport Services, your business benefits from the security and reliability of our high performance fiber optic network, assuring uninterrupted quality connectivity. Our legacy SONET-based network architecture, combined with our cutting-edge Ethernet service, ensures consistent high performance and network availability. In order to keep your service at the highest possible level, all aspects of the network are continuously monitored.



E-Line Services

Our E-Line services are provided over Bluebird Network's MPLS/Optical mesh backbone and combine the benefits of intelligent routing with the advantages of 100% committed bandwidth for point-to-point or point-to-multipoint Ethernet services. Our extensive fiber optic network with over 135 Points of Presence (POPs) creates a short access loop, which translates into lower latency and higher service reliability.

Services can be delivered on a per port, or per VLAN basis, depending upon the customer's requirements and network complexity; providing support for the separation of traffic between corporate or department LANs. Each service can be configured with one of three Class of Service profiles to support the applications specific to that VLAN or department.



Because success is all about good connections

Ethernet Virtual Private LAN Service (E-LAN)

Our E-LAN services enable the direct flow of communication between multiple sites over Bluebird Network's MPLS/Optical meshed backbone, eliminating the need to pass through a central location. Our E-LAN products are multipoint-to-multipoint services that forward traffic to any destination in the service and can be delivered on a per port, or per VLAN basis, depending upon the customer's requirements and network complexity; providing support for the separation of traffic between corporate or department LANs. Each service can be configured with one of three Class of Service profiles to support a variety of business applications.

Available Services

- 100G Capable DWDM and MPLS
- Meshed POP Network Design
 - Diverse paths available between most POPs
 - Sub 50ms failover between diverse paths
- Carrier Grade POP Reliability
 - Battery/Generator backup at POP locations
 - Redundant hardware design to minimize outages
- High Capacity
 - Capacity design prevents oversubscription in core
- Dedicated Internet Access (DIA): up to 10Gbps
 - Direct caching/peering arrangements with major content providers
 - Diverse Tier 1 POP locations; Chicago, KC, St. Louis
 - Diverse Tier 1 providers per POP location
 - Reroute capability between major Internet POPs
- E-Line
 - EPL – port based point-to-point service up to 100Gbps
 - EVPL – VLAN based point-to-point service up to 100Gbps, connectivity between hub and remote locations; allows multiple service types to be delivered on a single port
- E-LAN
 - EP-LAN – port based multipoint-to-multipoint connectivity between various locations
 - EVP-LAN – VLAN based multipoint-to-multipoint connectivity between various locations; allows multiple service types to be delivered on a single port
- Wavelength Services
- Hosted Collocation Management



Secure and Reliable Bandwidth

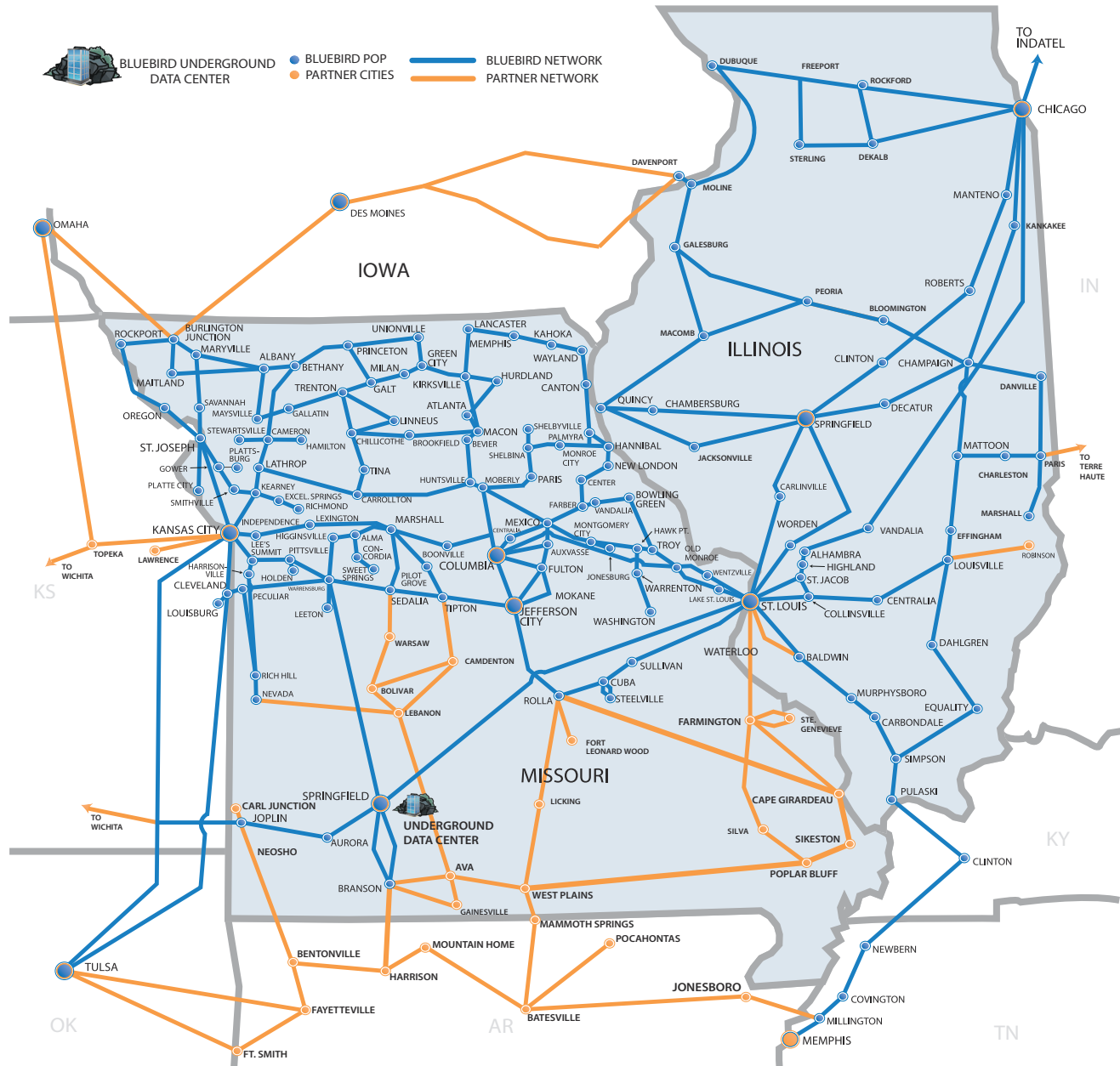
Bluebird Network's Private Line Transport Services will provide you with the bandwidth needed to transmit your company's voice, video, data, or multimedia information. Your business communications can be consolidated over a single secure high-speed connection.

- Bandwidth from DS1 through 100Gbps wavelengths
- Multiple ILEC Collocations in every LATA in the state
- Access to National Carriers through Carrier Hotel Collocations
- Expanded network reach through INDATel Group partners

Midwest Network Map

Bluebird Network serves Carrier and Enterprise customers in rural and urban communities by providing reliable, high bandwidth, carrier-class internet and data services delivered over a state-of-the-art fiber optic network.

Bluebird Network's services include its 9,300 fiber route mile network, 135+ POPs, 50,000 on-net/near-net buildings and an underground data center.



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