

Dedicated Internet Access

Fast. Reliable. Dedicated.

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, and Tulsa, 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.

Successful businesses depend on reliable access to real-time information and web-based Internet applications. With Bluebird Network's Dedicated Internet Access (DIA) Service, you benefit from symmetrical carrier-grade access to the Internet over Bluebird Network's broadband backbone at the fastest speeds possible. DIA provides you with simple, manageable and scalable high-capacity bandwidth choices, as well as multiple access options.

The Bluebird Network DIA service is routed across our highly resilient fully meshed IP/MPLS backbone that is capable of event recovery with sub 50 ms restoral times. We understand the needs and concerns of our customers and realize Internet access is essential to business operations. Bluebird Network has over 127 fully redundant carrier class Points of Presence (POPs) established throughout Missouri and Illinois. With more POPs, you have a shorter access loop to our meshed backbone for lower latency and higher reliability of services.

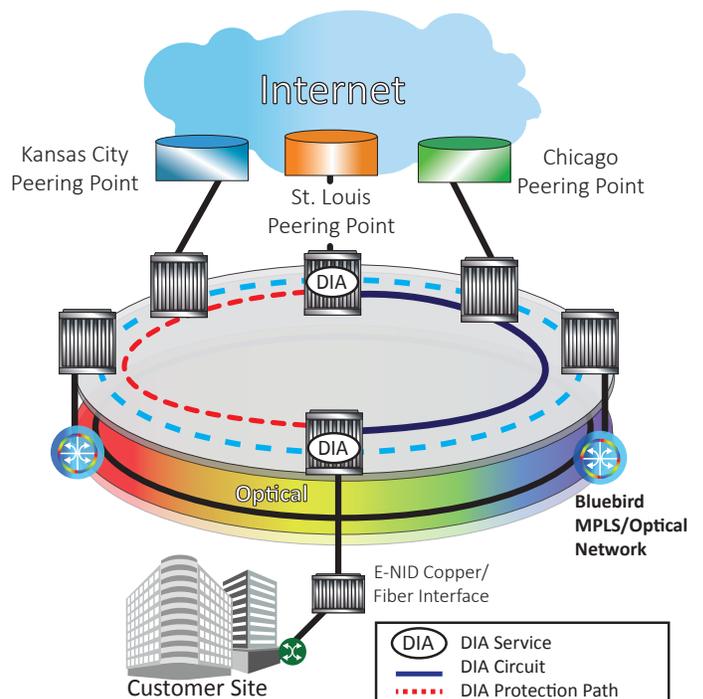
Customers requiring Internet service can be connected using copper or fiber interfaces with a variety of access port speeds. The bandwidth assigned to DIA service is dedicated to each customer on the network. DIA service is symmetrical for efficient two way applications. Protection options can be enabled to provide Internet access redundancy, enabling you to meet the mission critical needs of your business.

Features

- Copper interfaces- port speeds of 100/1000 Mbps
- Fiber interface- port speeds of 1/10/100 Gbps
- Configurable service speeds below port rate (ensures you only pay for the bandwidth you need)
- Scalable to meet bandwidth demands
- Network and fiber route protection options available
- Manage Network Interface Device

Benefits

- Your connection to the Internet is dedicated and not shared with other customers
- 24x7 customer support with proactive monitoring to assure continuous end-to-end availability of your DIA connection
- Redundant and reliable IP network infrastructure to ensure availability and high quality of Service
- Extensive peering arrangements
- Multi-Protocol Label Switching (MPLS) provides fast reroute and core redundancy



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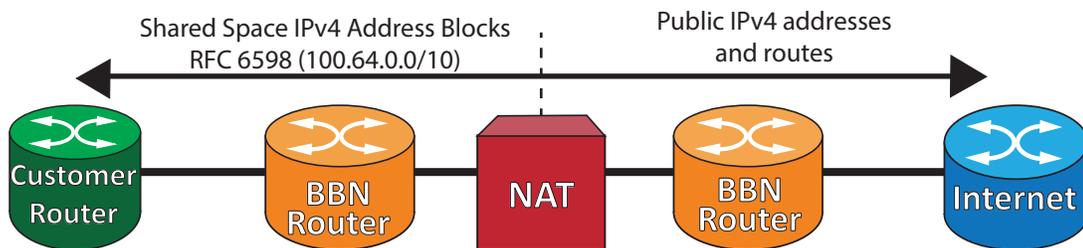
Benefits of Bluebird Shared Private IPv4 Network Address Translation (NAT)

- Increases the amount of IPv4 space that is available to our customers
- Provides network security. Your Shared Private addresses are not publically advertised, thus reducing the amount of potential attacks on your network. NAT does not replace the need for firewalls.

Private Shared IPv4 to Public IPv4 Network Address Translation (NAT)

The amount of available public IPv4 is nearing exhaustion. Bluebird Network took the step to help our customers continue to grow their business. On Bluebird's Shared Private IPv4 scheme, Bluebird assigns from our private address pool to you, our customer. When your egress Internet destined data is received by Bluebird it goes through our translation device which converts your private IP address to a public address from Bluebird's public IP address pool. Ingress data goes through the process in reverse. Static NAT (one-to-one) is available for your devices that must have a consistent address accessible from the Internet. Please see your account manager for pricing.

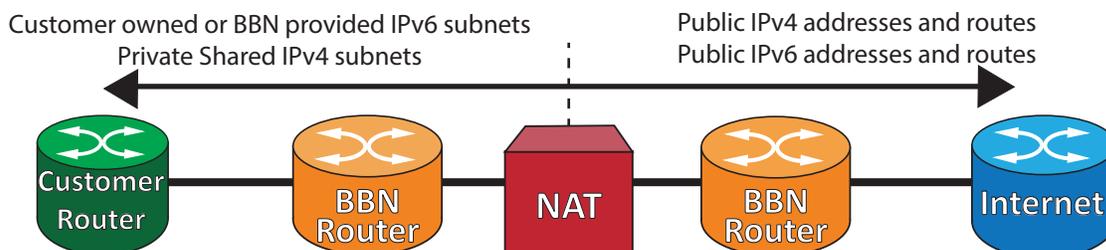
Carrier Grade Network Address Translation IPv4 to IPv4 (NAT 44)



Public IPv6 to Public IPv4 Network Address Translation (NAT)

As the world and Bluebird's customers transition from IPv4 to IPv6 there is still the need to reach locations that are still on IPv4. Bluebird recognizes this need and as part of our IPv6 service any data received by Bluebird which is destined to an IPv4 address will be translated from an IPv6 to an IPv4 address within our network (NAT) and sent to the Internet.

Carrier Grade Network Address Translation IPv6 to IPv4 (NAT 64) And Private Shared IPv4 to Public IPv4 (NAT 44)



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Because success is all about good connections

