Better Internet

TPX

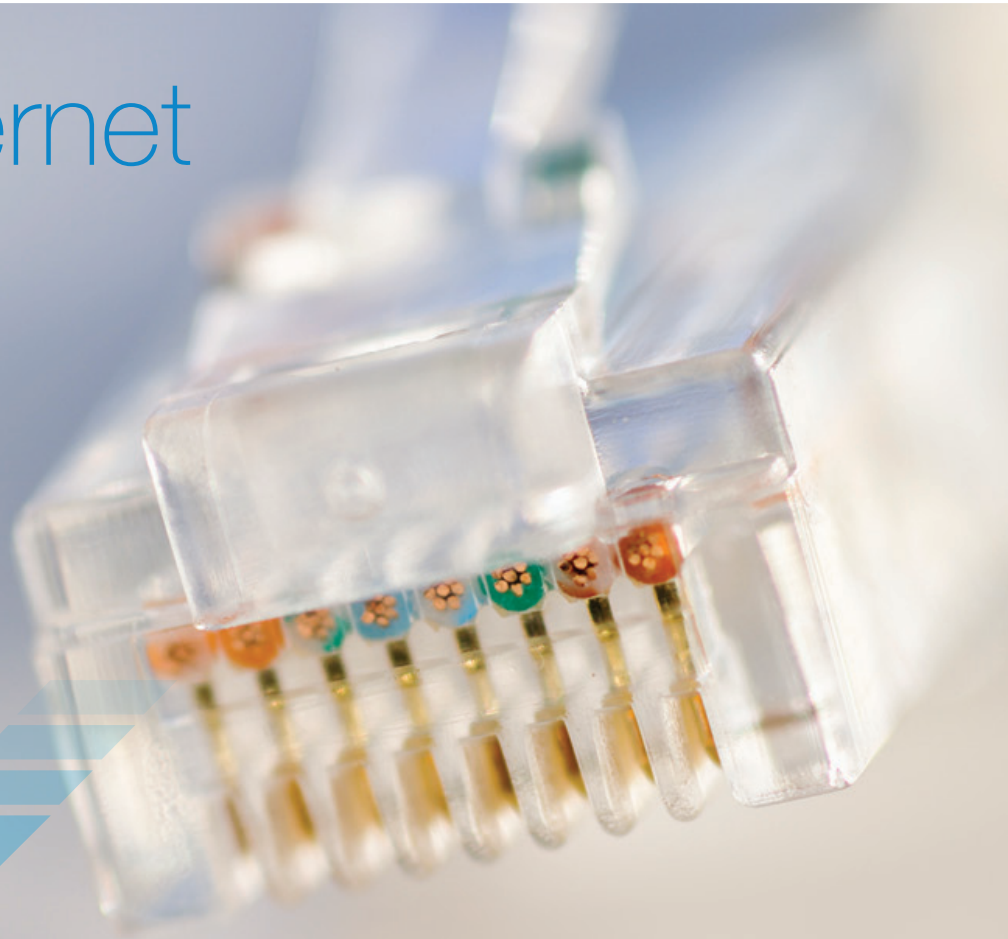**Fewer hops, less packet delay and a way to measure Internet access performance make TPx Internet a better choice.**

There is a lot more to Internet access than the price tag and the size of the pipe. Dedicated Internet transport provides numerous benefits over cable and DSL technologies. Moreover, the network that your Internet Service Provider utilizes to route your traffic plays a big role in the performance of your applications and speed in which you do business.

You may think that all Internet access is the same, but the fact remains that uptime, security, bandwidth guarantees and overall speed all play a critical role in the success of

your business. So, when price is your sole criteria for buying Internet access, your business may be subject to productivity loss as well as a host of security issues.

When it's time to consider making an Internet change for your business, ask the following questions and see how your ISP measures up. Let's face it, beyond the price per meg, there really is a lot more to Internet access than you may have realized.

TPx can provide Internet speeds in 1 Mbps increments from 1 Mbps to 10 Gbps across copper, fiber, and fixed wireless facilities. Ethernet over traditional copper lines can now deliver up to 10 Mbps at a distance of three miles and up to 100 Mbps at one mile.

Q&A:
HOW DOES TPx'S DEDICATED INTERNET ACCESS PERFORM?

How does your ISP connect with the big Internet traffic haulers, public peering or private interconnection agreements?

TPx has interconnection agreements with the major traffic haulers Verizon, Level 3, Global Crossing and Sprint. Unlike other carriers who may not have these interconnection agreements, TPx is able to route your traffic more quickly resulting in less latency and potential performance and applications improvements.

What type of redundancy does your ISP have built into its network?

Our network facilities are interconnected, which enables traffic to be automatically routed via BGP over the meshed network to another point of presence (POP) when needed. Smaller carriers may put your business connectivity at risk by creating single points of failures. If their luck runs out, so will yours.

Does your provider have the ability to layer voice and data to help your business capitalize on its voice and data infrastructure?

With dynamic voice and data services TPx is able to allocate both voice and data to the same circuit that uses your idle phone channels to boost the capacity of your data access when your phones are not in use. Your bandwidth automatically adjusts based on the number of voice channels utilized at any given moment. This offers your business the double benefit of improved data speed performance while improving your costs through smarter more efficient use of your telecom connectivity.

Does your ISP have the capacity to scale with your business as your business grows?

At TPx we know that one size doesn't fit all, so we offer a complete suite of voice, data and Internet access services to meet the needs of your business. For single locations and multiple locations we can mix and match our services to fit your unique business requirements.

Does your ISP have the ability to meet your location needs throughout the country or is their ability limited to a particular location within the state?

TPx has more coverage in California, Nevada and Texas with its ability to provide service in AT&T, Verizon and CenturyLink territories. Nationwide, TPx is partnered with other Tier 1 data providers so we can be your single provider for all your locations. If your business moves or expands to another location, we can move and expand with you — that means just one provider, one bill and one point of contact for all of your voice and data needs.

Does your ISP provide U.S. based technical support staffed with company employees vested in your business or is tech support outsourced to an international third party?

Our customer support is fully staffed by TPx employees where you do business. We have five call centers in the U.S., so you can usually talk to someone in the same time zone. Our employees are well-trained on our products and services and they are empowered to resolve your billing and technical issues when (and if) they arise.

And when you do call us we are ready to pick up the phone in 30 seconds or less more than 90% of the time. We are so confident, we even encourage you to call 877-487-8722 and try it now. More over, all of our management team is readily available without complicated escalation procedures. The bottom line is that we are here for you when you need us working and living within your communities.

Does your ISP offer company staffed field technicians that know their products and services or are field calls outsourced to a third party?

Our technicians are TPx employees who are well trained on our products and services. So when you need support we are able to dispatch a TPx fleet vehicle and field tech for you without having to subject you to a third party technician of questionable standards.

Hot Potato, Cold Potato

In a hot potato environment, a data packet is routed through public peering. Since traffic takes up valuable resources, ISPs who aren't getting paid to carry it try to get it off their network ASAP. So packets get tossed around like a hot potato between network access points. Your data takes longer to route and is subject to additional latency and packet loss.

When TPx gets a customer packet requesting data, we announce the packet to our serving peers such as Verizon, Level 3, Global Crossing and Sprint who likely host the requested domain. We then hand off that packet privately via our negotiated agreement, which they carry to the destination and back. Your traffic routes quicker resulting in potential performance and application improvements.

TPx's ITx for Firewalls is a managed security service that integrates multiple layers of security into one suite: Firewall, Intrusion Prevention System, Antivirus, VPN and Desktop Antivirus. All of these features are managed, constantly updated and maintained 24/7/365.

Any ISP   Any ISP   Any ISP

With free Public Peering, packets route through large Network Access Points, where they are subjected to multiple hops and substantial latency.

Target Server

Any ISP   Any ISP   Any ISP

Hot Potato

Cheap ISP with Public Peering

Cold Potato

Private Peer e.g. Verizon, Level 3, Sprint or Global Crossing

Web Server   FTP Server   Media Server

TPx Internet Backbone with Private Peering

With Private Peering, we connect directly in each of our POPs to some of the world's largest carriers. This creates single-hop connectivity and guarantees a direct path to the destination.