Dedicated Internet Access Provides Fast & Reliable Connections for Your Business

Transforming to Survive

Today's enterprises are facing new types of competitors who leverage the power of platforms and networks to upend traditional business models. Companies like Uber, Airbnb and Amazon use computing power, user-friendly applications and extensive network connections to deliver services to tens of millions of customers in what is called an Online to Offline model (O2O). This rapidly changing environment puts pressure on business leaders to respond and adapt by digitally transforming their enterprises to leverage platforms and networks as they move into new markets, tackle new competitors and satisfy demanding and digitally savvy customers. Today's enterprises are rushing to collect, access and use data to improve decision-making and employee productivity. The same platforms and networks that create disruption offer the key to digital transformation.

> **Enterprises use only what they need and pay only for what they use.**

Enterprises have begun their digital transformation journey using cloud technology and the ability to "rent" critical operational functions such as enterprise resource management (ERM) and customer relationship management (CRM). They have access to computing and storage, software and applications and cyber security. This consume-versus-buy model delivers business functions as a service through the cloud. These are often called Platform as a Service (PaaS), Software as a Service (SaaS) and Infrastructure as a Service (IaaS).

Enterprises use only what they need and pay only for what they use. This increases their flexibility and enables them to reduce costs by not having to buy expensive hardware and software that is often generations out of date before the book value is fully depreciated. It also reduces the need to increase IT staff while easing the burden of upgrades and maintenance, which are all part of the service.

Communications — The Foundation of Digital Transformation

Communications networks play a critical role in making digital transformation possible. These networks connect enterprises to their customers, employees, suppliers, content providers, cloud vendors and to every corner of their business, locally, regionally and globally. This is especially true for Internet access, which has moved from being a back-office IT function to a strategic imperative. It links enterprises to content and cloud services providers for critical business functions like customer services, sales, finance, marketing automation, HR and logistics. Reliable and secure Internet access greatly increases business productivity. Imagine being able to have a video conference with sales and customers that is almost like being there. That is what high speed Internet access can provide.

Yet, many businesses purchase standard Internet services from telephone or cable companies on the promise of high speeds, only to find they are getting "best effort" services on oversubscribed bandwidth. They are essentially sharing the bandwidth with other customers. The result is often inconsistent speeds and low reliability. Residential customers might not mind periodic slowdowns or down time, but this is unacceptable for a business because of lost productivity and revenue. Imagine that same customer video conference with shaky visuals and poor audio.
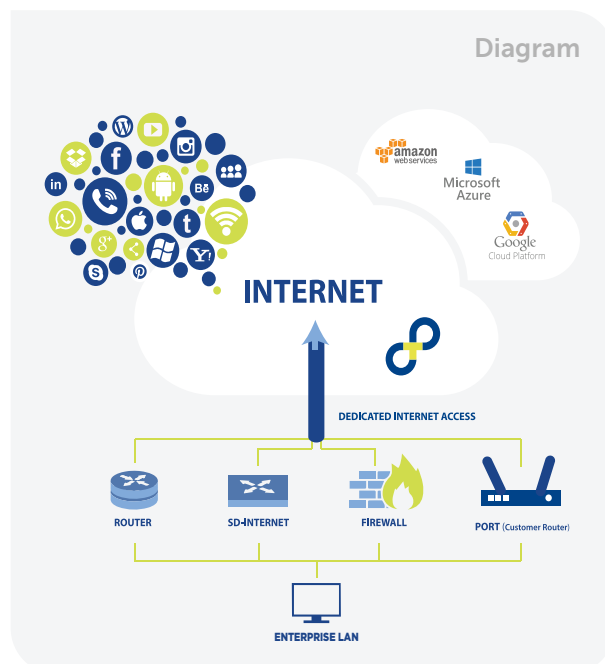
Dedicated Internet services solve this problem by delivering high speeds, reliability and security day-in and day-out. There is no sharing of bandwidth. Speeds are symmetrical—that is, the bandwidth is the same for uploading and downloading, and it is guaranteed. The service is constantly monitored to react quickly to any downtime, and security options are available to protect users and data.

"There is no sharing bandwidth. Speeds are symmetrical... bandwidth is the same for uploading & downloading... guaranteed."

The Transtelco Difference

Transtelco has harnessed the power of their expanding, next-generation, transnational network to deliver a true carrier-class gold standard of Dedicated Access Service. The service provides flexible options to connect to an enterprise's own network devices such as a router, server, switch or firewall. Transtelco can also provide a basic router, Next-Generation Firewall (NGFW) or a software-defined network appliance.

Router and firewall speeds can range from 2 megabits per second up to 10 megabits per second. Firewall connections are bundled as a service including the Internet link, configuration and support. Transtelco offers optical or electrical (Ethernet) delivery, and last-mile options include fiber or microwave for hard-to-reach locations.

Transtelco's Dedicated Internet Access also offers the option of direct connections to cloud providers such as Amazon Web Services, Microsoft Azure and Google's Cloud Platform. Security options include basic perimeter security with the NGFW or Unified Threat Management (UTM) technology for deeper security.

Diagram

INTERNET

DEDICATED INTERNET ACCESS

ROUTER   SD-INTERNET   FIREWALL   PORT (Customer Router)

ENTERPRISE LAN

Dedicated Internet Access is optimized for the cloud including optional high availability, flexible bandwidth and multiple links that enable disaster recovery through load balancing or backup facilities, along with advanced routing based on specific business policies and secure remote access for employees.

Transtelco's Dedicated Internet Access gives enterprises the flexibility of choosing three types of Service Level Agreements to meet their business needs and budgets from basic availability to premium and elite, including secondary links for redundancy. Bandwidth and reliability are guaranteed, giving customers peace of mind that Internet access will be up and running securely at the speeds they need every day.

Transtelco's network experts design and maintain every aspect of the service including the direct fiber or Ethernet links. They work hand-in-glove with the powerful end-to-end Transtelco network and its dedicated data centers in California and Virginia to provide secure access, reliability and centralized monitoring and analytics services 24/7/365. This lets customers focus on their main businesses, so they can adapt to rapidly changing markets while better serving demanding, digitally savvy customers around the world.

Enterprises are moving quickly to enable digital transformation. They know it is the key to their survival, and Transtelco is committed to providing the innovative network services they need to grow, compete and succeed in a rapidly changing and technology-driven world.