

Product Name:

PAETEC's Burstable Internet Access

Availability:

PAETEC's Burstable Internet is available at speeds of 10Mb or higher through Fast Ethernet, GigE, DS-3, OC-3, or OC-12 connections. Any of these methods can connect to PAETEC's Internet service network via our Data Points of Presence (POPs) from on-net locations.

Ideal Customer Profile:

Customers with unpredictable or varying bandwidth needs are ideal for PAETEC's Burstable Internet Access.

CPE Requirements:

PAETEC will currently support a range of Cisco and ADTRAN routers. The customer should consult an authorized PAETEC Representative to ensure 100% compliance and operability.

BURSTABLE INTERNET ACCESS | In Brief

Product Description

PAETEC's Burstable Internet is the next step in the evolution of PAETEC's quality Dedicated Internet Access. Burstable Internet provides the ability to "burst" above and beyond the minimum bandwidth commitment, up to full port speed, during unanticipated, heavy-traffic periods.

Product Capabilities

Highest-quality service – PAETEC's Burstable Internet provides the same Internet quality, support, and network reliability as PAETEC's Dedicated Internet.

Service Level Agreement – PAETEC's network performance statistics are among the best in the industry. We guarantee average round-trip latency of 50 milliseconds or faster and packet delivery of 99.9% or higher. Our customers can transfer performance-sensitive applications with confidence.

Maximum throughput – Burstable Internet provides the reassurance of available bandwidth and maximum throughput capabilities while minimizing costs.

Instant bursting – Bandwidth increases automatically to the next tier when necessary. Your business does not have to wait for the increased bandwidth needed.

PAETEC reporting – PAETEC reads customer bandwidth use every five minutes. Customers are only charged for the bandwidth used once the highest 10% of bandwidth usage has been discarded. Therefore, your business receives 72 hours of free bandwidth at maximum port speed.

Billing tiers – End-users are only charged for 90% of their bandwidth usage. The monthly charge for Burstable Internet may vary, depending on the end-user's measured utilization.

Application One

The University of America provides Internet access to over 3000 on-campus students. A flat rate technology fee is included in students' tuition costs. Previously, the University provided dedicated Internet access at a maximum bandwidth capacity of 125Mb. During vacation times and periods of low-usage, the University was not using all the available bandwidth. However, during exam weeks and at peak Internet hours, the students consumed all available bandwidth. In order to ensure the school was only paying for the bandwidth it used, the University of America purchased PAETEC's Burstable Internet Access. The University now has the available bandwidth when it is needed the most. This enables them to avoid expenditures for unused bandwidth. Additionally, by discarding the top 10% of peak usage, the University is receiving 72 hours of free Internet access each month. PAETEC's Burstable Internet Access has allowed the University of America to provide appropriate bandwidth levels to its students, while reducing its monthly charges.

Application Two

The Muller Group, a financial services company headquartered in San Diego, California, recently launched a major television advertising campaign. The ad directed potential customers to the Muller Group's Web site. The site is hosted by a dedicated IT staff on the company's network. Unable to accurately predict Internet usage during the advertising campaign, the Muller Group decided to use PAETEC's Burstable Internet. This allows the Muller Group to "burst" above its minimum bandwidth commitment, if the advertising campaign results in heavier-than-anticipated traffic to the Muller Group's Web site. PAETEC removes the risk for the Muller Group by providing on-demand bandwidth. In addition, the Muller Group does not have to pay for any bandwidth that is not used beyond their minimum commitment. Since the top 10% of all bursted traffic is discarded, the Muller Group gets up to 72 hours of free Internet access every month. PAETEC provides the Muller Group with high-speed and reliable Internet access, perfect for its unique business needs.