

ONBURST

Bandwidth flexibility without penalty



OXFORD NETWORKS

ONBURST is a flexible bandwidth service that measures bandwidth on peak utilization. Starting at a minimum commitment of 25 Mbps, your organization can receive all the benefits of a huge data/Internet pipe without the burden of paying for bandwidth you don't use. Think of the possibilities. Schedule large backups, anticipate short lived heavy data usage, or even just have it in place for peace of mind. Speak with an Account Manager today to see what **ONBURST** can do for your business.

95th Percentile is a widely used calculation to examine the regular and sustained utilization of a network port. The 95th percentile method more closely reflects the needed capacity of the port in question than tracking by other methods such as average or maximum rate. It allows a customer to have a short burst in traffic without overage charges. The 95th percentile says that 95% of the time, usage is at or below this amount.

How it works: Bandwidth is measured (or sampled) from the switch or router and recorded every minute. At the end of the month, the samples are sorted from highest to lowest and the top 5% of data is thrown away. The next highest measurement becomes the billable utilization for the entire month.

Affected Services:

- WAN and Internet Traffic
- Layer 2 and/or Layer 3

Minimum CIR (Committed Information Rate):

25 Mbps

Maximum Burst:

2x CIR (i.e. 100 Mbps minimum can burst to 200 Mbps. 200 Mbps minimum can burst to 400 Mbps)

See It In Action

Acme Corp purchases a minimum of commitment of 100 Mbps of WAN service that can burst to 200 Mbps. Every minute their traffic is stored in a database. At the end of the month, the highest 5% is discarded. The next highest measurement then becomes the billable utilization. In this case, it is 120 Mbps. Since the customer committed to 100 Mbps they are responsible for the extra 20 Mbps.

