

Gaming Optimisation for your Vox FTTH link

Play your best game with Vox FTTH and Gaming QoS

Gaming QoS

- Eliminate latency spikes with gaming traffic isolation on your last mile
- Be even more competitive with a gaming-optimised Vox FTTH link
- Reduced lag and better ping times means a better playing experience
- Minimise jitter for a more consistent gaming experience

Product Overview

Latency impacts the speed at which a game responds to user input. Your FTTH (Fibre to the Home) link contributes to your overall latency. The time it takes for your game to send data to the game server and to get a response back (the round-trip time) is also referred to as the 'ping' time. The lower your ping and latency, the smoother, more responsive and lag-free your game-play is, especially when playing fast-paced games, such as Call of Duty or Fortnite.

We're all familiar with the frustration that stems from trying to concentrate on an online game while someone else in the house hogs the Wi-Fi or Internet. Both you and the other party are almost guaranteed to experience delays, frustration and ultimately a degraded gaming experience.

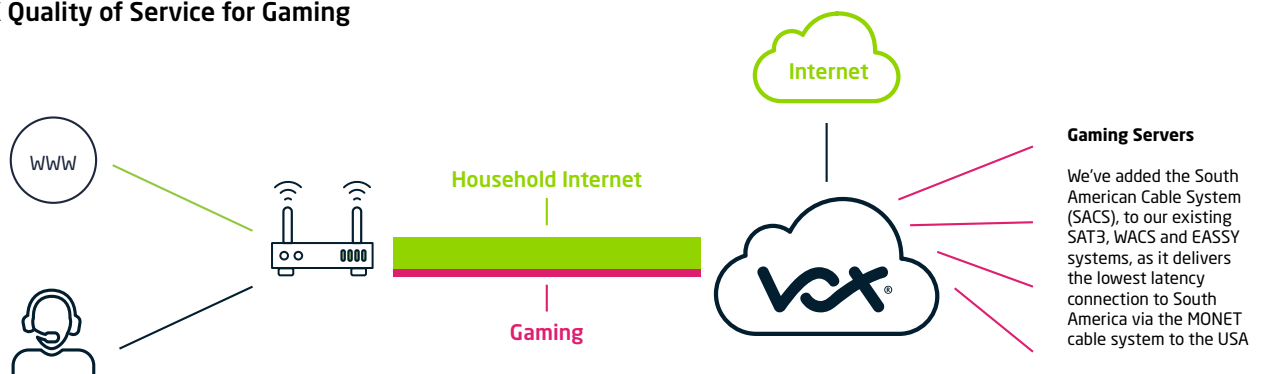
Or are you? With Vox Fibre to the Home and the Vox-developed Gaming QoS (Quality of Service), you can enjoy a gaming-optimised experience on your last mile.

Vox's FTTH service comes with a powerful, service-provider grade Mikrotik router that is fully controlled by a centralised configuration and management server. Vox has developed an optimised configuration for these routers that minimises jitter and eliminates latency spikes due to buffering under high load.

For the configuration to work properly, you will need to forgo a small portion of your line speed (1Mbps on links less than 50Mbps, and 2Mbps on 50Mbps or faster links). In return, your latency remains consistent and unaffected by other Internet traffic.

How It Works

VOX Quality of Service for Gaming



A small portion of your FTTH line is allocated to shield gaming traffic from your usual household internet or streaming traffic to ensure that you always get the best latency and ping time to your favourite games without being affected by other internet usage

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Features & Benefits

- **Gaming Traffic Isolation**

Your gaming traffic will flow over a dedicated portion of your last mile link, unaffected by other Internet traffic flowing over the same link.

- **Eliminates Latency Spikes**

With gaming traffic isolation, you won't experience latency spikes when someone in the house starts watching a Youtube video, for example.

- **Minimises Jitter**

With reduced variance in latency the jitter on your gaming traffic will be minimised. You and your family can enjoy hassle free Internet usage without your gaming or their streaming being affected.

- **Reduces Ping Time**

Get the edge over the competition with improved real-time gaming, particularly on lower speed links.

- **OTA (Over the Air) Configuration**

Vox will configure your router remotely so you can enjoy the benefits without delay.

- **No Contract Lock-In**

Vox's Gaming Quality of Service can be purchased on a month-to-month contract.

Additional Information

This is available to Vox installed FTTH customers only and requires the Vox MikroTik router to be used. Vox Gaming QoS is not supported on any other router.

How the service works

The Gaming QoS configuration will be applied on your router, four examples are provided below:

Example 1: 100 / 20 (Download / Upload) circuit the Download limit will be set at **98 Mbps** and the Upload to **19 Mbps**.

Example 2: 50 / 50 (Download / Upload) circuit the Download limit will be set at **48 Mbps** and the Upload to **48 Mbps**.

Example 3: 25 / 10 (Download / Upload) circuit the Download limit will be set at **24 Mbps** and the Upload to **9 Mbps**.

Example 4: 25 / 25 (Download / Upload) circuit the Download limit will be set at **24 Mbps** and the Upload to **24 Mbps**.

Tired of gaming lag?
We've got you covered!

About Vox

Innovation and insight combine in Vox, a market leading end-to-end integrated ICT and infrastructure provider and telecommunications company. From data to voice, as well as cloud, business collaboration and conferencing tools, Vox offers

intelligent solutions that connect South Africans to the world, supporting entrepreneurs, customers and commerce, whilst practicing values of integrity, choice and service excellence in all of its dealings. For more information [click here](#).

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