•..:preseem



"Beyond Latency – Measuring Customer Experience"





Preseem at a Glance

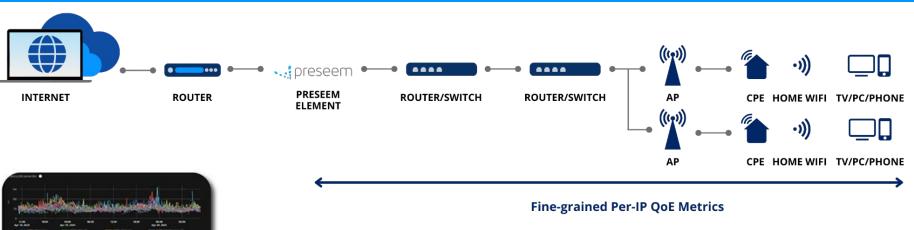
- Quality of Experience platform for ISPs
 - Measure, Analyze, Improve
 - Highly granular throughput, TCP latency and loss stats for operators
 - FQ-CoDEL-managed latency at ISP core
 - Access layer PHY analytics in addition to payload
- Preseem released by Aterlo Networks (Ontario) in 2017
 - Low cost per subscriber without expensive retrofits
 - Well over 400 T2–T3 ISPs globally
 - Majority initially fixed wireless, growing fiber
- Yearly free FW/Network Report for industry







TCP Latency in Preseem

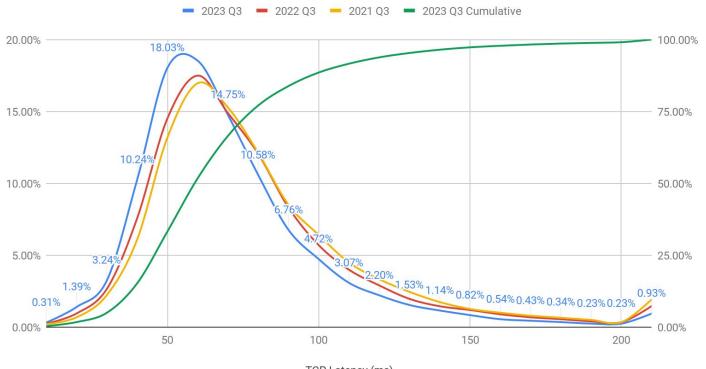


- ISP TCP latency inband in distribution/access network
- TCP RTT as proxy for overall connection latency
- Includes in-home Wifi latency
- Maps latency to network topology to discover bottlenecks



ISP Access TCP Latency

Preseem Latency Histogram 2021–2023

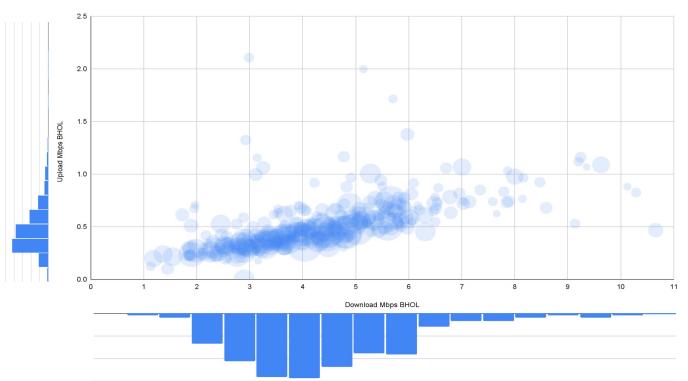




TCP Latency (ms)

Optimal Download/Upload Ratios

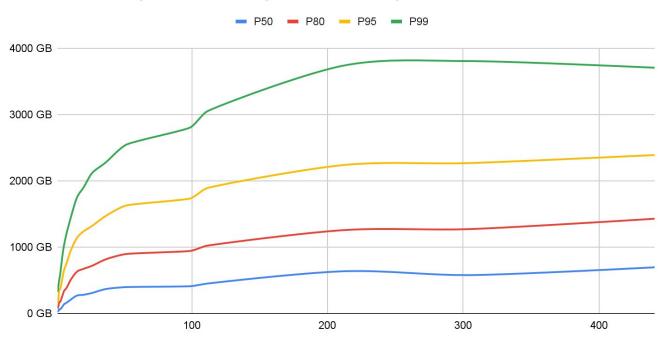
Global Peak Busy Hour Average Throughput Per Subscriber (grouped by ISP)





Download Demand by Speed Plan

Preseem Plan Speed vs. Monthly Downloaded Bytes







Meet the New Fixed Wireless Network Report

Preseem ingests billions of metrics per day from WISPs across the U.S., Canada, and internationally. This report leverages this huge data pool to present a view of the fixed wireless industry across service providers and vendors. You can't get this information anywhere else!

Download Now >





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