



image:freemages.co.uk



Free Your Network Traffic

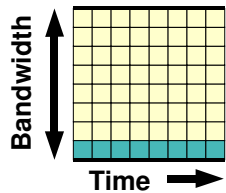


The next generation of bandwidth management is based on ensuring traffic instead of limiting it.

Staselog Network Equalizer provides means to increase subscription rates 100 times higher, to allow all applications including peer-to-peer (P2P), and to implement subscriber-specific services on-line with reduced cost.

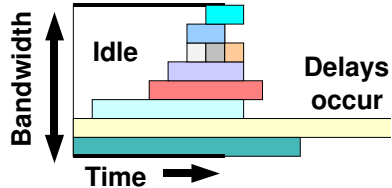
Eliminate Network Congestion

Congestion Problem



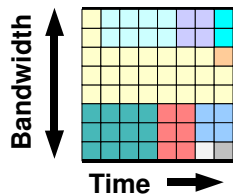
P2P traffic (yellow) may deploy thousands of TCP sessions (rows), thus leaving no room for other traffic (green). Congestion occurs.

Typical solution



Typical solutions set static bandwidth limits to P2P traffic or individual users. The resolution is a TCP session. Bandwidth yield is poor.

Staselog's solution

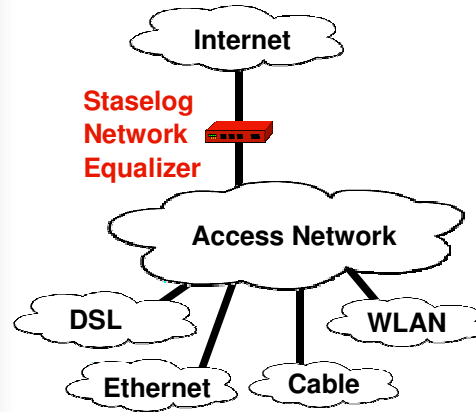


Dynamic bandwidth allocation for each packet (columns) allows 100% bandwidth yield without fixed limits or extra delays.

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PRODUCT SUMMARY

Product name: Staselog Network Equalizer
 Product models: SNE10 - SNE500
 Description: Stand-alone QoS appliance
 Function: Dynamic bandwidth management
 User groups: Broadband operators, ISPs

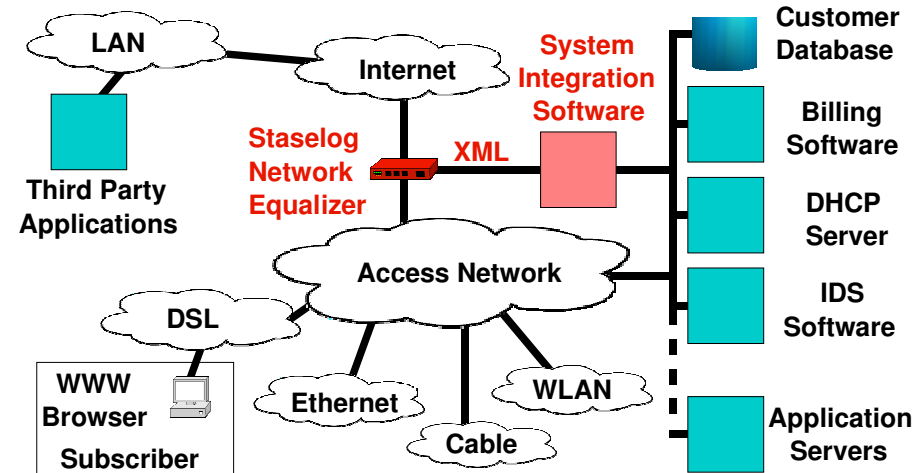


Free Your Network

Staselog Network Equalizer simply eliminates congestion problems in the whole network hierarchy without need to identify and limit P2P traffic. Instead of limitations, enough bandwidth is ensured for all known applications and subscribers. Small amount of bandwidth is given to the unknown applications. The solution works fine also for encrypted traffic.

Increase Connection Rates to the Full Rate

The applied dynamic bandwidth optimization techniques allow higher oversubscribing ratios up to 1,000 instead of 10 without compromising the Quality of Service. The connection rate of each subscriber can be increased to the maximum. Instead of fixed local rate limits, the bandwidth is dynamically reallocated at each time instant, providing guaranteed bandwidth for each user according to the network load and the type of subscription and application.



Cut Cost and Increase Sales

Staselog Network Equalizer allows implementing subscriber-specific on-line services on the top of the existing system. Remarkable cost reduction and improvement in sales can be obtained by means of fully automatized system integration, which eliminates manual labor and enables customized subscriptions and use of third-party applications as on-line self-service. The Full-Rate connections allow high quality services that can be charged according to the usage. The operator is now able to employ a new business model emphasizing service instead of technology.



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