

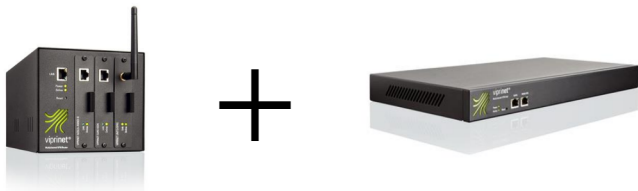


Viprinet™ bonding for broadcasters

Viprinet allows you to bond any 3G/4G, satellite, T1, DSL, and cable connections, giving you more bandwidth, speed, reliability, and quality than any single connection ever can. Bond multiple internet connections, both wired and cellular together, to form a single high-throughput pipe.

A 2-part system

Viprinet uses a client-server architecture, so it has two parts: the VPN router, located at the remote site, and the VPN hub (owned or rented), which resides at a data center or other suitable premises. Each hub can simultaneously handle multiple Viprinet routers. You can bond up to 6 connections using one Viprinet router, and many more if stacking multiple routers.



Bonding to increase bandwidth

Viprinet's bonding efficiency is 85-95% of available bandwidth, far superior to that of other bonding routers. The multiple Viprinet-bonded connections appear as one big Ethernet pipe. Viprinet technology works at the packet level, and not only does it do what a load balancer does, but it also does much more. The software includes options to fine tune and speed up TCP or UDP traffic.

Bonding diversity for resilience

Bonding diversity (aka *diversity*) is an optional Viprinet technology often used for broadcasting applications. In diversity mode, the Viprinet router replicates the data stream at the packet level and sends the same packets across all the WAN connections simultaneously. At the other end, the Viprinet hub reassembles the packets into the data stream using the first data packet to arrive on any of the WAN connections. It then forwards the stream to its destination. The diversity approach significantly lowers latency and jitter, and reduces or eliminates packet loss.

Proven in the field

Numerous broadcasters around the world are using Viprinet for reliable remotes and the flexibility to connect from any location. Additionally, broadcasters can keep field production staff behind the corporate firewall and enforce Internet policies, while providing business continuity to all.

To learn more about Viprinet bonding, contact Netmondi. With decades of experience in broadcasting, Netmondi is an authorized Viprinet channel partner.

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