

FatPipe Networks Receives Third Patent for its Router Clustering Technology

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FatPipe Networks successfully secured a third patent for its router clustering technology. The patent covers the principal technology incorporated in all FatPipe products, called RAIL or Redundant Array of Independent Lines.

RAIL bonds multiple Ds3, T1, DSL, Cable, ISDN and wireless connections over private or public wide area networks, resulting in greater bandwidth and redundancy. Router aggregation is achieved without making changes to packets, network operating systems, or TCP/IP stacks, and does not require Border Gateway Protocol Programming. From a single end approach, the patented technology can perform its tasks at a CPE, without the need for a reciprocating technology at the receiving site or at the ISP.

The patent also covers what the company calls "dual end solution". The dual end solution works when two or more data networks, utilizing multiple routers, share data streams that are multiplexed by the FatPipe technology and split at the packet level. The packets are then recombined by another FatPipe product at another remote location.

FatPipe's router-clustering technology was invented by Ragula Bhaskar, CEO of FatPipe, and Sanchaita Datta, CTO of the company. FatPipe products are designed to provide fault tolerance, additional speed, and security for VPNs, thin client, public, private, Frame Relay Networks and other WANs serving medium to large size organizations.

All FatPipe products use the RAIL technology to accomplish bonding of routers. FatPipe's MPVPN, MPFR and IPVPN products use FatPipe's dual end solution.

"It's exciting to be the pioneers in the area of providing fault tolerance for wide area networks," said Datta. "Our latest patent combined with prior patents, which protect our security and redundancy technology features, are simply a confirmation of our leadership in the marketplace."