ISOMEDIA Sharedband Broadband Services

ISOMEDIA Sharedband Broadband

Many corporations, small businesses and home workers are outgrowing the capability their existing Broadband connections offer in terms of speed and / or reliability. Often they feel required to upgrade to a T1, or E1, which is expensive and typically does not make good, financial sense. ISOMEDIA Sharedband provides an alternative approach whereby multiple low-cost lines are pooled, causing them to function as a single faster and more reliable Internet connection.

ISOMEDIA Sharedband is Reliable, Flexible, Fast, and Low Cost

Businesses currently relying on a single network provider also risk losing all connectivity if that provider has a network issue. By aggregating low-cost Broadband connections using different connection types and from different providers, ISOMEDIA can quickly and easily provide faster bi-directional connectivity and increased up time.

By utilizing lines from different network providers it is unlikely that all connections will be unavailable at the same time. Because ISOMEDIA Sharedband uses low-cost routers, additional capacity can be easily added by installing more lines and routers. Most network provider outages do not affect ISOMEDIA customers and existing sessions remaining active. A faster, more resilient connection enables you to deploy new applications such as real VoIP, off-site data backup, video conferencing and hosted applications.

How it Works

Sharedband routers are installed (one per line) and collaborate to pool their capacity. All traffic is relayed to an aggregation server, which re-combines the traffic and sends to the Internet. Sharedband also includes a distributed DHCP server, which will automatically configure compatible host machines for network access. All traffic is passed through Sharedband aggregation servers where it is assigned a virtual IP address causing all traffic to appear to originate from a single consistent IP address and port number. Any incoming packets return to the same IP and port number, where the aggregation servers balance traffic across the available lines to use the full downstream capacity. By altering IP addressing to refer to Sharedband servers rather than specific lines, the underlying networks can change without affecting the customer.

Sharedband periodically monitors line performance, automatically adjusting the amount of traffic sent over each line. This ensures optimal performance without customer intervention – especially important where multiple service providers are used with different peak usage / contention profiles. To avoid introducing a single point of failure in the event of server fault, Sharedband Service is deployed over redundant aggregation servers. In addition, Sharedband uses BGP protocol in combination with our proprietary failover mechanisms to provide site-level redundancy.

Sharedband Service Pricing

Pro Plan	# Of Lines	Setup	Monthly	What's Included
Bonded Bundle	2	$100	$35	Includes Static IP, 40GB of Transfer, & 2 Routers
Additional Static IP	-	-	$5	Includes one additional static IP address
Business Plan	**# Of Lines**	**Setup**	**Monthly**	**What's Included**
Bonded Bundle	2	$200	$69.95	Includes Static IP, Unlimited Transfer, & 2 Routers
Additional Line	1	$100	$30	Includes additional In-Service Line, Unlimited data transfer, & 1 additional router
Additional Static IP	-	-	$8	Includes one additional static IP address

ISOMEDIA®
www.isomedia.com

For more information, or to order, call: **1-888-583-3169**