



Bonded Internet™

Increase your connection speed, redundancy and reliability with AllCore Communications proprietary Bonded Internet technology.

AllCore Communications...

Bonded Internet improves network resilience and performance by bonding the bandwidth of multiple connections. The system splits the data from each application into its smallest possible component and spreads it across your bonded lines to maximize speed. Bonded Internet also uses supplementary features that provide additional enhancements to performance, resiliency, and packet integrity.

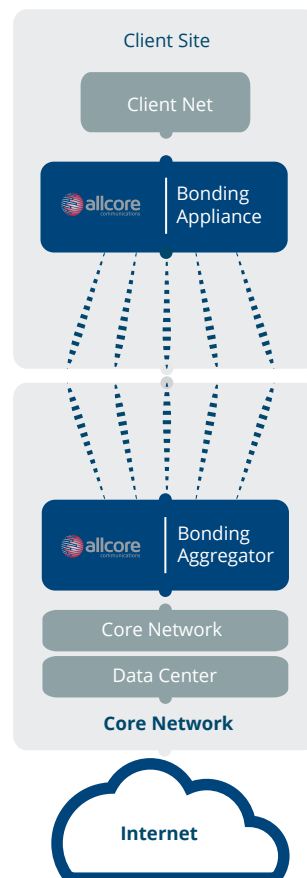
Who is AllCore Communications?

AllCore Communications provides cost-effective solutions for businesses seeking to integrate voice, video, and wired / wireless data networks. We specialize in end-to-end solutions that allow our customers greater flexibility and functionality in the way they communicate.

Bonded is Better!

More bandwidth,
greater reliability,
improved quality,
and lower costs.

A better Internet
service.



Bonded Internet Features:

- ✓ **Multi-Line Architecture:**
Create a single-IP connection out of many lines to protect your network against the impact of a service provider outage.
- ✓ **Per Packet Load Balancing:**
Intelligent packet-level distribution ensures application sessions are not dependent on the uptime of a single connection.
- ✓ **(n+1) Line Flexibility:**
Adaptively increase network bandwidth by layering on additional lines, so the network scales to meet your business needs.
- ✓ **Same-IP Failover:**
Each bonding appliance maintains its own public IP address in the event of a failover. No more DNS round-robin time-delays.
- ✓ **3rd Party Back-Up Support:**
Manages the failover of your bond to a supplemental connection (usually 3G/4G/LTE) for ultra-resilient networks.
- ✓ **Turbo Data Acceleration:**
Additional performance enhancement can be achieved by applying data acceleration to compressible data travelling over the bond.
- ✓ **Quality of Service:**
Assigns unlimited priority layers inside the bond to ensure consistent delivery of important data from VoIP and other real-time applications.

Contact

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How AllCore Communications Bonded Internet Works

Next-Generation Bonding

AllCore Communications's Bonded Internet takes diverse Internet lines from any number of providers and combines them to create a single, faster pipe for your network.

The sum is truly greater than its parts.

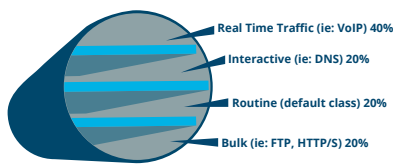
The technology advances traditional bonding by introducing sum-total aggregation of upload and download bandwidth. Under a single-IP address, the bonded pipe allows all traffic to make use of all of the available bandwidth at any time.

End-to-End Quality of Service (QoS)

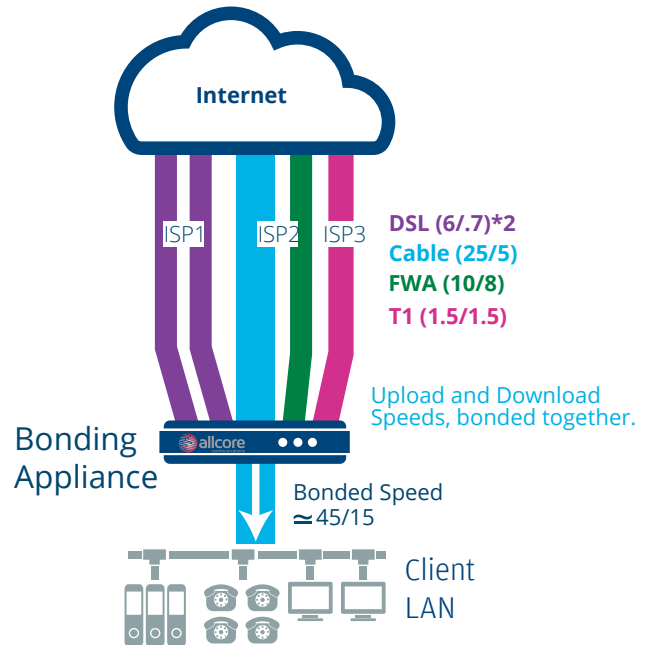
We're pretty excited about our QoS. Not only is our QoS model completely customizable but it is also dynamic, so that priority in bandwidth fluctuates to accommodate changing volumes of sessions.

**Need to make a lot of VoIP calls?
Sorry, cat videos - you have to wait!**

Through the QoS module, you can manage data flows according to the QoS profile you assign at configuration. But you don't have to assign a new profile for each node - simply build a default profile and fine-tune if need-be. The QoS module will automatically relegate or promote traffic based on specific expedited-forwarding markings and other criteria.



Bonded Data 'Tunnel'
with QoS (standard configuration)



Same IP Failover

The single, bonded pipe is given an IP address that is static and whose routing is managed by the aggregation server located inside our core network. Thus, if a single connection fails, the customer.com IP address does not change - the bandwidth of the failed connection is lost but the IP remains unchanged.

No need for DNS hacks

The bonding service creates a virtual pipe through which all data travels. Fail-over and Fail-back are completely managed by the software, making it the most advanced multi-line protocol we've ever seen.

The next generation
of Internet
accessibility and
reliability is here.

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Need Bandwidth?

We've got the solution.

Increase Network Capacity with Bonded Internet

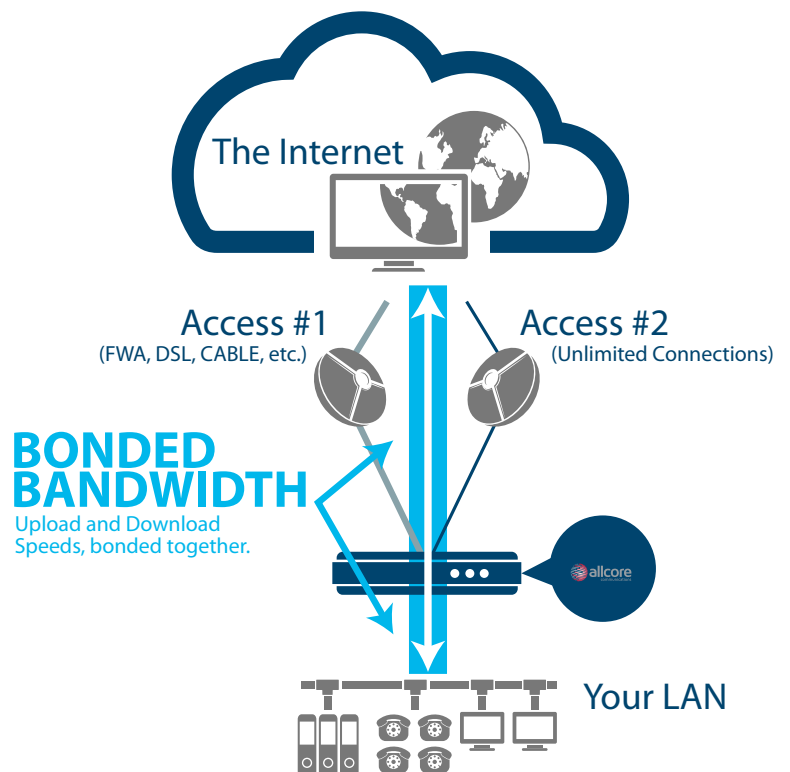
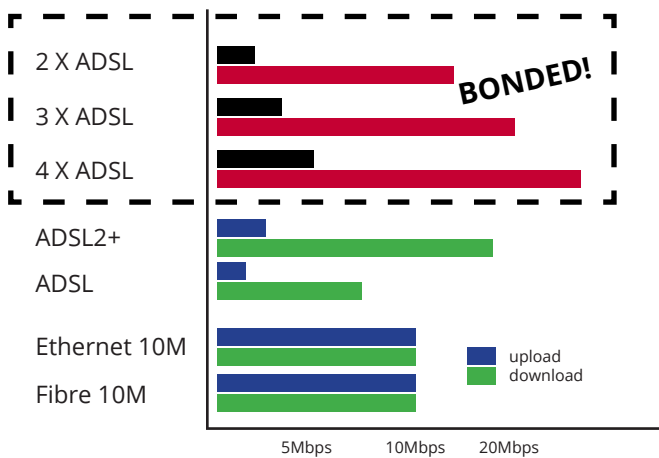
Combine 2 or more WAN connections to create a single connection that delivers faster download and upload speeds.

Our latest service offering is an advanced bonding solution that allows you to combine the bandwidth of any number of access connections to give you the speed you need to perform your tasks. If bandwidth is a problem at your offices, consider the advantages of adding additional links to create a faster network.

Get a Customized Network

With Bonded Internet, there is virtually no limit to the amount of customized solutions you can create.

Call us today and we'll figure out your bandwidth requirements and propose a solution that will give you the speed you need, at a price you can afford.



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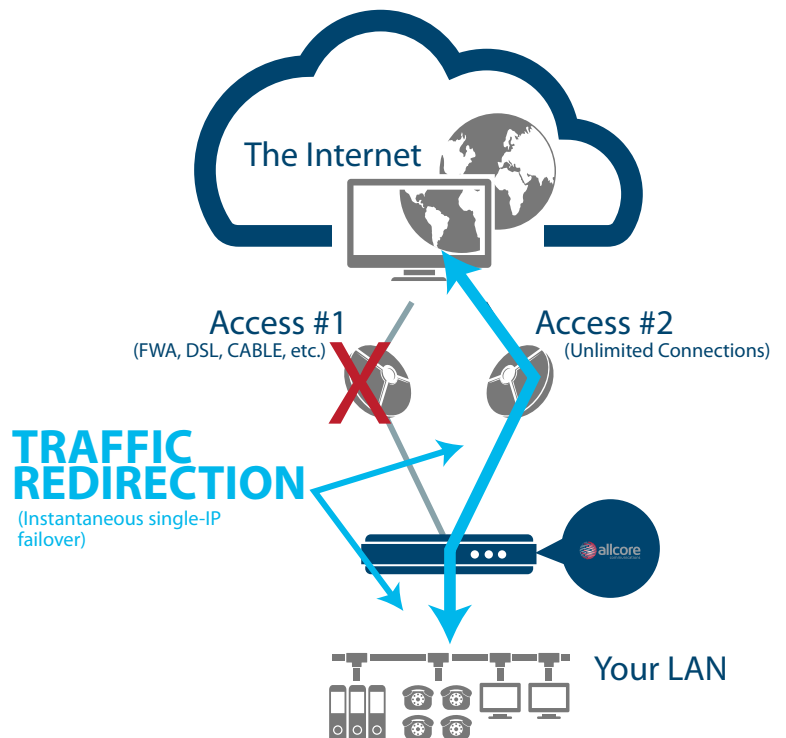
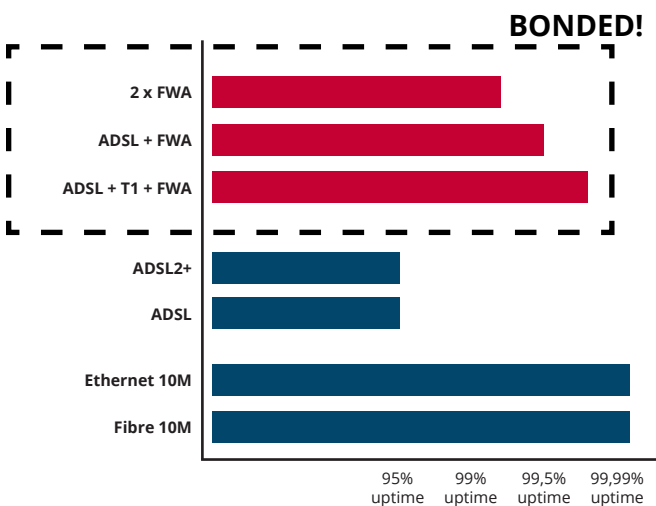
Fully-Redundant Networks is Bonded Internet

Combine connections of different types and from different service providers to give your office the redundancy it needs.

Downtime got you...down? Our latest product, Bonded Internet, gives you the power to mix-and-match service providers to create a resilient, fully-dependable, single-IP network. The service combines network connections to protect you from service outages.

Protect your business from downtime

Network reliability is increasingly important as the business world expands beyond the bricks and mortar of your office. Bonded Internet is your ideal solution if you're adopting cloud or hosted applications. Consider it your outage insurance.



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Need to Get to The Cloud? We've got the solution.

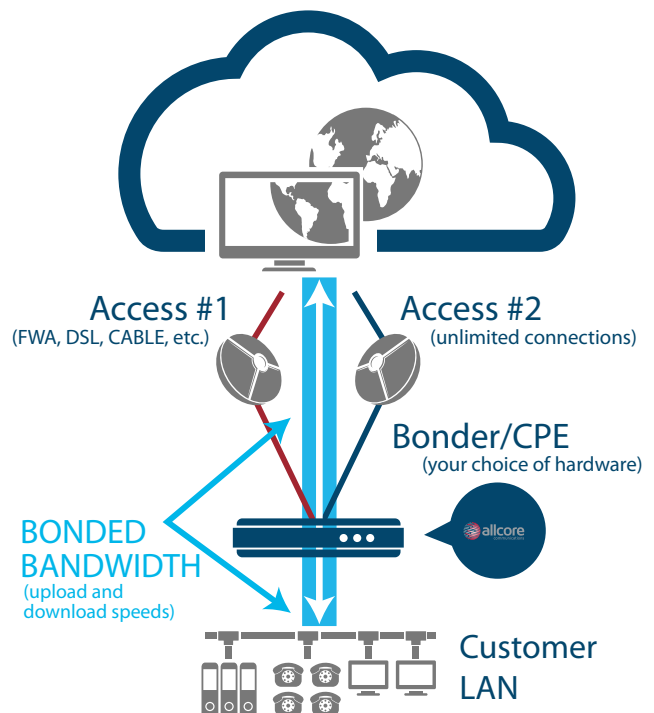
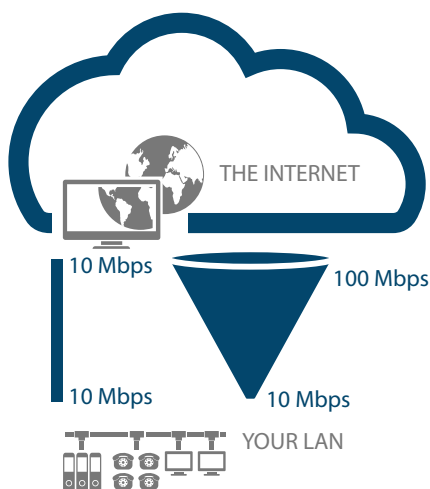
Always-up Networks using Bonded Internet

A new networking technology that bonds connection types from different sources, giving you fail-safe, peace-of-mind networking.

If you've got uptime issues, we have the solution for you. Bonded Internet allows business customers to bond network connections of any provider to give them a significantly reduced risk of a network outage. More connections, Less risk.

Enough Bandwidth for Your Applications

As you move more and more applications to the cloud, your demand for bandwidth increases: more users, more information, wider highway. With Bonded Internet, businesses can now bond FWA, DSLs, Cable, and virtually any other access connection to give themselves the bandwidth they need - in both directions.



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Need Quality of Service?

We've got the solution.

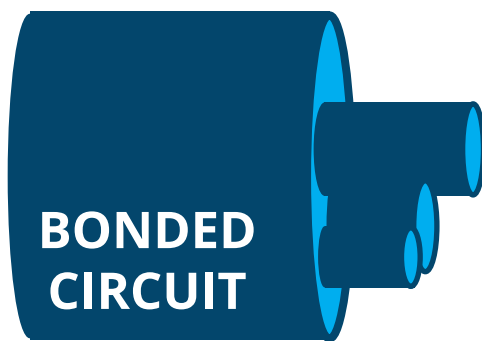
End-to-End QoS with Bonded Internet

Control packet delivery and sequence from your gateway right through to the doorstep of the Internet.

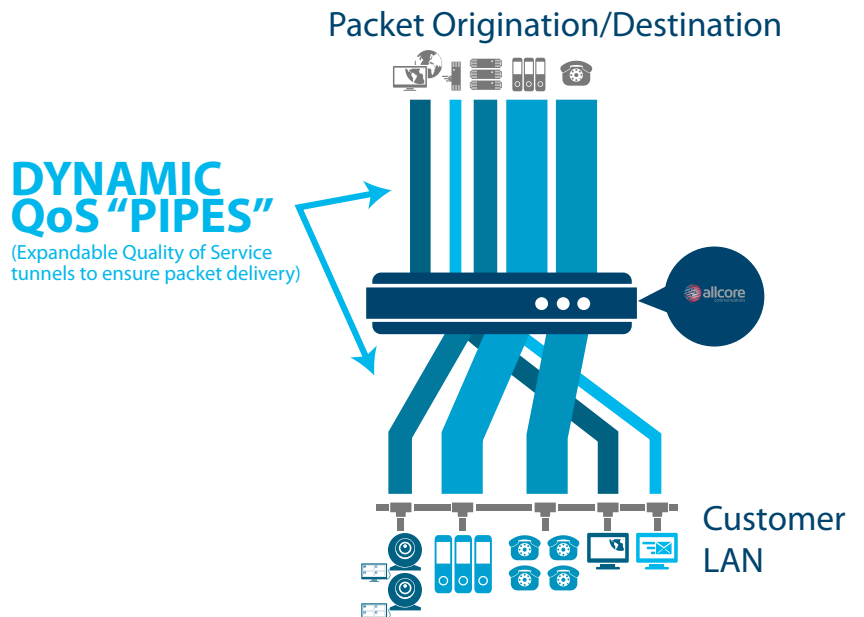
Call us today, we would love to show you how our Bonded Internet service controls packets across any network - including the public Internet. No longer are businesses required to pay heavy premiums for QoS - our system will manage the flow of traffic between sites so that your calls and video conferences remain crisp and clean.

A "pipe within a pipe" QoS Engine

As your business's dependence on IP or hosted voice and video applications increases, so does the need for those calls to be protected. Bonded Internet gives customers the peace of mind that their packets will make the trip free of any disturbances like jitter and latency.



The BONDED INTERNET "pipe within a pipe" Quality of Service engine allows customers to prioritize any number of network applications to ensure clear transmission of data.



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Remote Sites
too Pricey?
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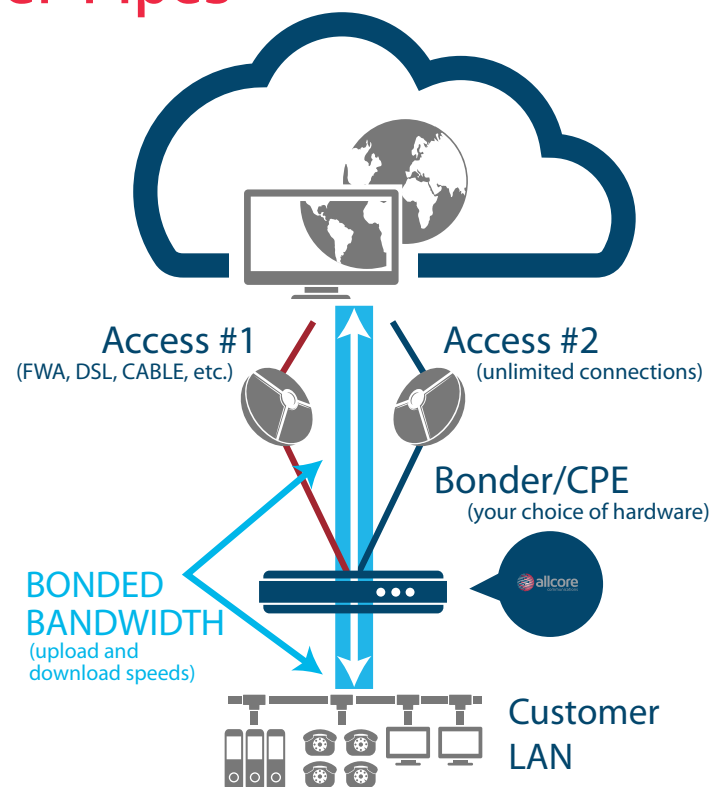
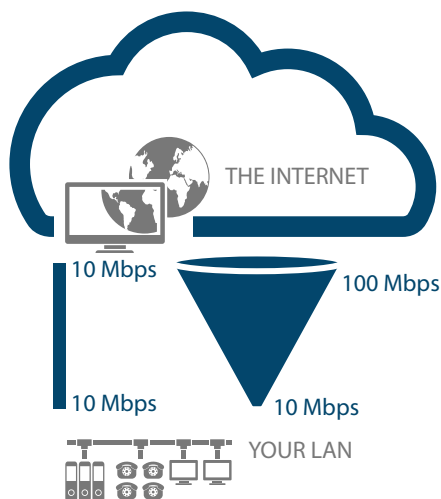
Virtual Fibre Solutions using Bonded Internet

Bonded Internet gives business customers blazing-fast networks for the cost of a few Broadband connections.

Looking for an easy way to reduce network costs? We think we've got it - with Bonded Internet. Bonded Internet allows businesses to bond whatever access connections they may have to give them the total sum of the bandwidth. No more need for Fibre, now you can get a custom service and adaptable Internet Service using whatever connections you have.

Create Asymmetrical Super-Pipes

As your business's dependence on IP or hosted voice and video applications increases, so does the need for those calls to be protected. Bonded Internet gives customers the peace of mind that their packets will make the trip free of any disturbances like jitter and latency.



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