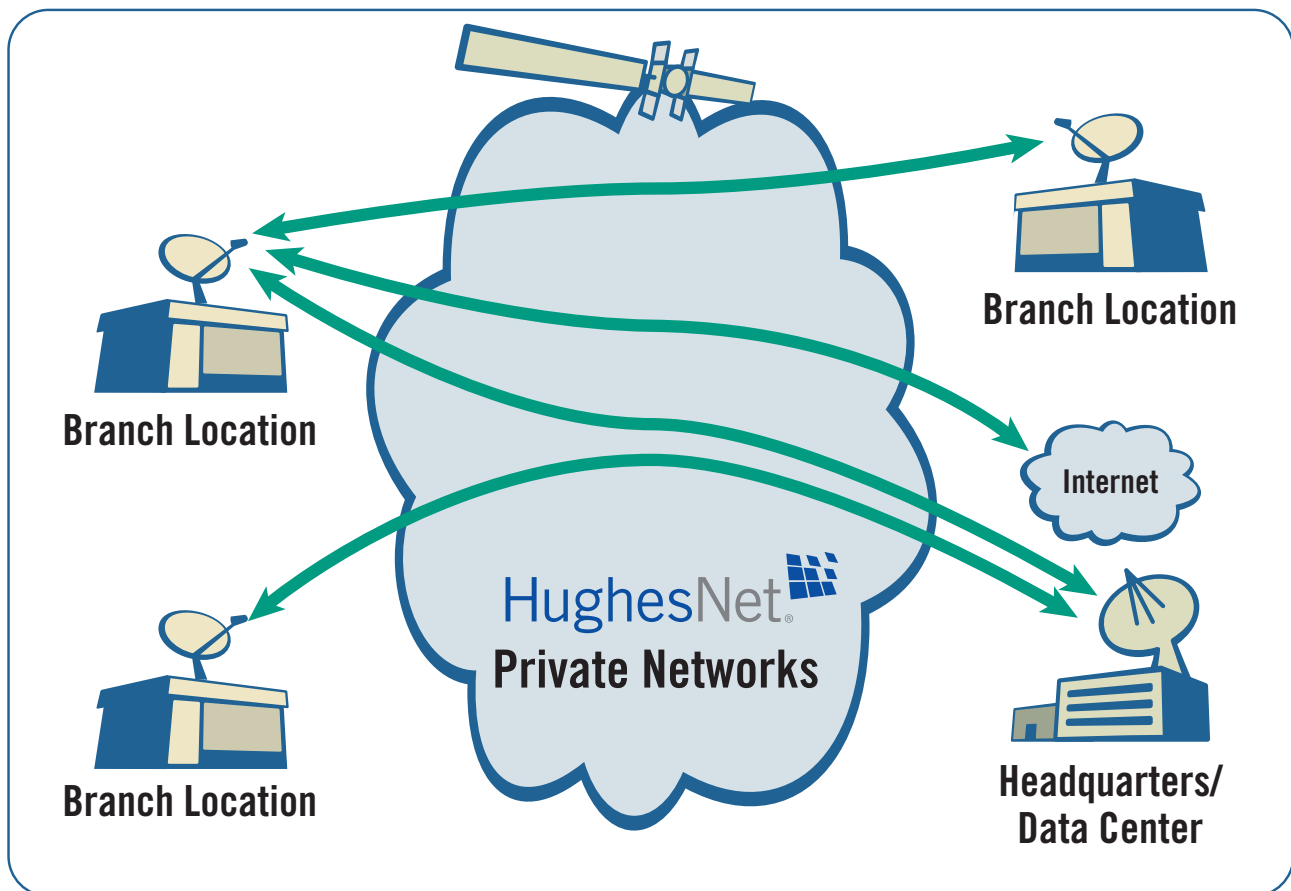


Private Networking via Broadband Satellite

HughesNet offers state-of-the-art private networking capabilities that are ideal for businesses and government agencies with multi-branch networks. Get the performance you need to support all your applications, from data, and voice to high-definition video—all with the security you need. Simply connect all of your locations via satellite for a secure, private network that doesn't touch the Internet.

With a small satellite dish and router at each of your locations, HughesNet can deliver a more cost-effective private network than terrestrial alternatives, such as MPLS and private line solutions. Connect all your locations nationwide with an affordable private network from HughesNet.

HughesNet Private Networks deliver enterprise-grade networking at a price that growing businesses can afford. Ideal for multi-branch networks in industries such as retail, restaurant, gas stations, finance, manufacturing, utilities, and agriculture.

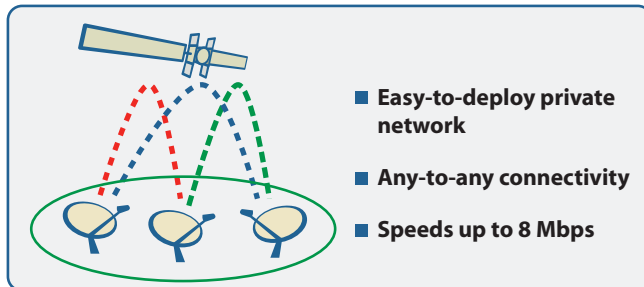


Unique Capabilities

Branch-to-Branch/Any-to-Any Connectivity

Hughes uses on-board satellite routing technology to enable branch-to-branch/dish-to-dish connectivity. Each location with its own small satellite terminal is *directly* connected to all other branches via a single satellite hop for superior performance. This “mesh” any-to-any connectivity eliminates the need for an expensive central hub or network operations infrastructure, as well as landline connections. HughesNet lets you build an easy-to-deploy private network that doesn’t touch the Internet.

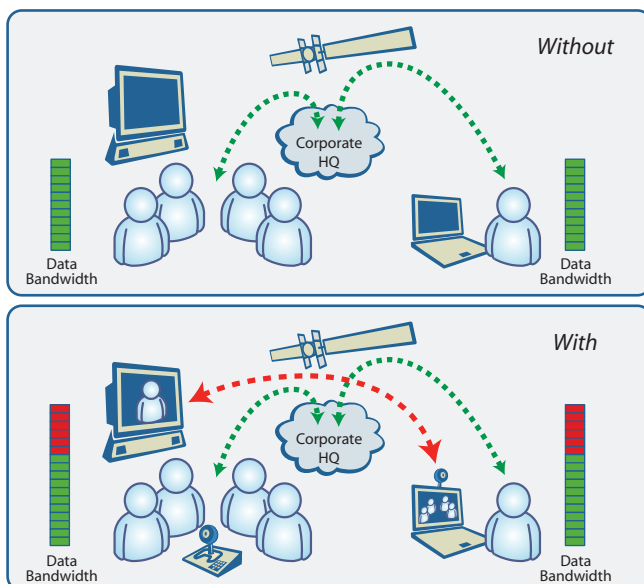
The Private Network and satellite sends data and allocates bandwidth when and where the business needs it.



Branch-to-Branch/Any-to-Any Connectivity

Bandwidth-on-Demand

Hughes provides a unique bandwidth-on-demand capability designed to support Constant Bit Rate (CBR) applications such as voice, video surveillance, and new high-definition telepresence applications for true “life-like” face-to-face meetings which eliminate expensive business travel. Pay only for the bandwidth you use, when and where you need it.



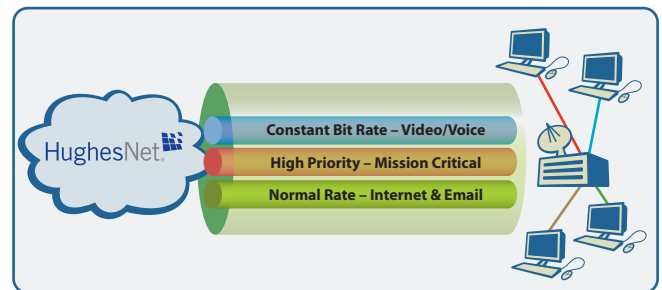
Bandwidth-on-Demand

Class of Service (CoS)

HughesNet provides multilevel prioritization so that your business applications are prioritized for the best performance possible, end-to-end, across the network.

HughesNet offers up to three levels of application priority.

- **Video and Voice applications**—HughesNet supports a CBR setting when jitter and dropped packets cannot be tolerated.
- **Mission-critical applications** are prioritized to ensure that they get through all the time, no matter what other traffic is present.
- **Internet access**—Typical Web surfing and Internet email can run at the normal priority, bandwidth-efficient setting.



Class of Service (CoS)

Private Network Plans

HughesNet Private Networks provide you the utmost in flexibility. You choose a service plan on a per-site basis, depending on the data needs of that site. Plans are designated by upstream speed and can either be provisioned as burstable or dedicated bandwidth. Burstable plans are ideal for branch locations where headquarters typically require dedicated bandwidth to support more traffic volume. All plans can receive downstream up to 8 Mbps.

With speeds up to 2 Mbps upstream and 8 Mbps downstream, your options are virtually unlimited. Be it transaction processing, SCADA, Internet, intranet, video, voice, or all of the above—you can have the plan to support it!

As your business grows, HughesNet can grow with you. Need more bandwidth? Just upgrade your plan. It's as simple as that.

Overlay Plans

Business Internet Service

Your branch locations may need access to the Internet, but you don't want the Internet traffic to clog up your private network. Hughes can provide separate access to the Internet in addition to the core private network service plans. No extra equipment is required. See sample diagram.

Now it is easy to add Business Internet (BI Plans) to any site that needs it without impacting your core private network. You size your corporate network accordingly; Hughes handles your Internet traffic. This improves performance and reduces your costs.

On-demand Constant Bit Rate Plans

Hughes has developed on-demand Constant Bit Rate (CBR) plans to support high-quality voice and video applications such as security video and telepresence applications. You pay only for the bandwidth where and when you need it!

The CBR plans deliver on-demand connection set to best meet your business requirements.

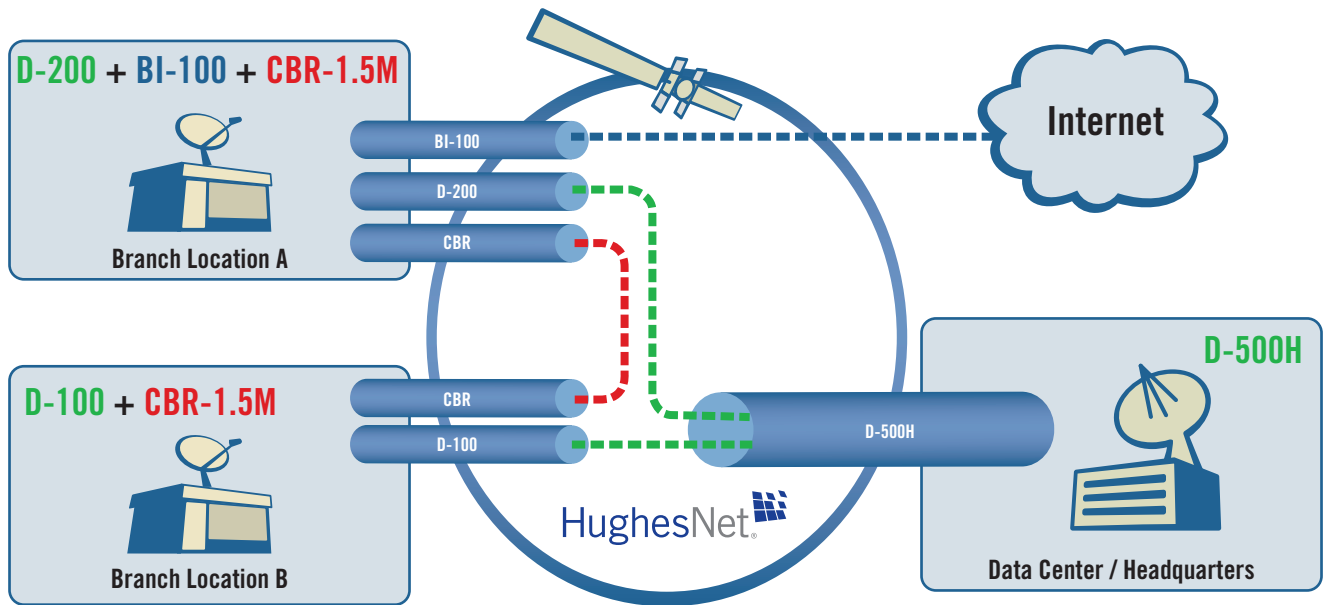
Just like the Business Internet service, on-demand Constant Bit Rate (CBR) plans overlay the existing core Private Network and add additional bandwidth on demand only for the time you need it—all on the same equipment that is already there.

Hughes' innovative approach to taking standard plans and customizing a solution for your business provides the flexibility you need to future-proof your network. HughesNet grows as your business grows.

PRIVATE NETWORK SERVICE PLANS			
	Plan	Upstream	Downstream
Burstable Plans (Ideal for branch locations)	D-50	64 kbps	Up to 8 Mbps
	D-100	128 kbps	
	D-200	256 kbps	
	D-300	512 kbps	
	D-400	1024 kbps	
Dedicated Plans (Ideal for head-quarters)	D-100H	128 kbps	Up to 8 Mbps
	D-200H	256 kbps	
	D-300H	512 kbps	
	D-400H	1024 kbps	
	D-500H	2048 kbps	
OVERLAY PLANS			
	Plan	Upstream	Downstream
Business Internet Access	BI-50*	128 kbps	1 Mbps
	BI-100	128 kbps	1 Mbps
	BI-200	200 kbps	1.2 Mbps
	BI-300	250 kbps	1.6 Mbps
	BI-400	300 kbps	2 Mbps
	BI-500	512 kbps	3 Mbps
	BI-600	1 Mbps	3 Mbps
	BI-700	1 Mbps	5 Mbps
On-demand Constant Bit Rate	Speeds	64 kbps up to 1.984 Mbps	

*Low volume plan

Service Plan Example Network



D Plan with Overlay Internet Access and Direct Connect Plan

In the above example, the following concurrent applications are supported through the network:

Branch Location A —

- Internet access at 128 kbps/1 Mbps (upstream/downstream)
- Private Network burstable connection to the Data Center; 256 kbps (upstream), up to 8 Mbps receive (downstream)
- VoIP/video connection to Branch Location B at 1.5 Mbps

Branch Location B —

- Private Network burstable connection to the Data Center; 256 kbps (upstream), up to 8 Mbps (downstream)
- VoIP/video connection to Branch Location A at 1.5 Mbps

Whether your business is large or small, whether you want to support data, voice, or high-definition video, HughesNet has you covered. HughesNet Private Networks provide broadband connectivity that is secure, reliable, and cost-effective anywhere you do business. HughesNet Private Networks, enabled by SPACEWAY® 3, will meet your application needs today and into tomorrow. Let Hughes manage your network so you can manage your business.



For more information, contact Hughes at 1-877-337-3880 or visit business.hughesnet.com.

www.hughes.com

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