

How weather affects satellite connectivity

Ever notice when it starts raining your satellite TV signal gets disrupted, or when the rain gets heavy you lose the connection altogether? There's no real way for satellite TV to recover from that kind of interference, but **Viasat has a solution for weather.**

Viasat satellite internet works differently than satellite TV

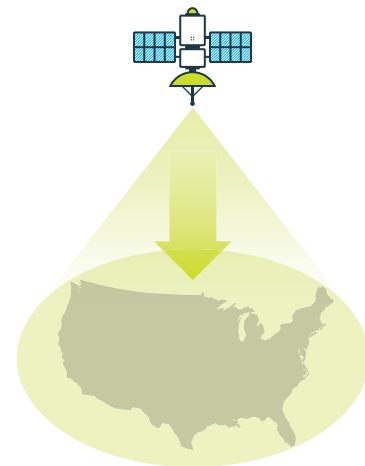
While satellite TV is a one-way, single beam broadcast service, **Viasat is made up of hundreds of high-speed bi-directional beams offering more reliability and bandwidth.**

Viasat's beams are bi-directional and when it rains we dynamically adjust the signal strength and waveforms to mitigate the impact of the storm. With a typical rain fall you will not see any degradation in speed or performance. With very heavy rain and thick dark clouds, you may see speeds reduced and it may even drop out for a moment or two, but not for long. When the storm passes the system will recover automatically.

It is very rare for a complete interruption of service. Viasat proactively monitors weather nationwide and dynamically adjusts the signal strength and waveforms to mitigate the impact of the storm. This is made possible by proprietary technology we embed in our satellite network that dynamically transfers service to different access nodes as needed.

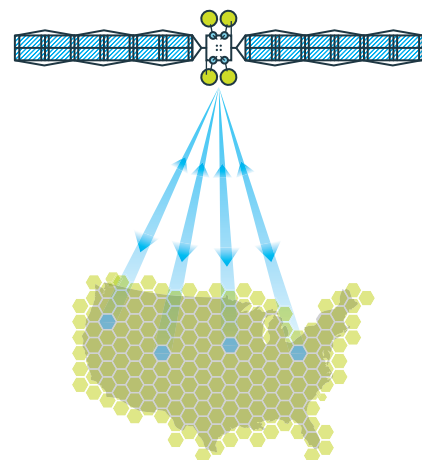
With over 30 years of experience designing and building satellite networks, **Viasat is uniquely positioned to build a high-speed internet service via satellite that works, even in the most challenging conditions.**

For more information on getting high-speed satellite internet at your business, visit www.viasatbusiness.com



Satellite TV

A single beam with one-way broadcast



Viasat Satellite Internet

Hundreds of bi-directional beams