

HOW DOES OUR TECHNOLOGY WORK?

Viasat links your computer to the internet with a high-speed connection through our high capacity satellite network. A small, 30-inch satellite dish, about the same size as a satellite TV dish, and a Viasat modem are all you need. We provide the equipment and our nationwide team of certified professionals will install the service at your home.

Have a look

Nothing beats trying new Viasat service yourself. You can take the service for a test drive [at a local dealer near you](#). You can [learn more about the service with this short video](#) that tells you just about all you need to know. View more demos of our service [on our YouTube channel](#).

Here are the components that make it all work:

1. **Your computer and the Viasat modem**

You may connect your computer directly to the Viasat modem with an Ethernet cable (included). Better yet, connect a wireless router to create your own local wireless network, enabling you to connect multiple computers, tablets, smart phones and other wireless devices to your Viasat service. (Note: Most Viasat installations come with a WiFi Gateway modem, so you don't need to purchase a separate router.)

2. **The dish**

Our dish receives signals from and transmits signals to the satellite. It's about the same size as satellite TV dishes, and can be mounted to the outside of your house, on the roof, or on a pole on your property.

3. **Viasat satellites**

Located in geostationary orbit 22,000 miles above the equator, our satellites provide an efficient, effective method to provide high speed internet service to the U.S. using spot beam technology. The main purpose of the satellites is to relay signals from your home to our gateways, and back again.

4. **Viasat gateways**

Our gateways are located throughout North America. The gateway receives the signal from the satellite and connects it to the internet, and transmits the data from the Internet back up to the satellite.

5. **The internet**

Everything on the Internet that's available via a wired connection is also available through Viasat satellite internet service. You will now be able to browse the web super fast, download music and movies, share photos and video chat with friends and family, and much, much more.