

ABOUT THE CONNECT EVERYONE COALITION

What is a LEO Satellite?

Compared to other satellites, low Earth orbit (LEO) satellites orbit Earth at lower altitudes. This allows LEO satellites to communicate with less delay and fewer interruptions and signal blockages, making them an ideal tool for extending high-speed broadband access around the world. LEO satellites are also easier, faster and cheaper to construct and launch. LEO satellite innovation holds incredible promise for future technology, including communications, agriculture, transportation, weather forecasting and disaster response.

LEO Satellite Technologies Provide Fast, Affordable Broadband Where Other Technologies Can't

Providers such as Starlink and OneWeb and future providers like Amazon's Project Kuiper and Telesat Lightspeed are utilizing LEO technology to deliver high-speed, affordable broadband access to everyone, including previously underserved or unserved areas. By connecting rural communities and remote areas, LEO satellites can help bridge the digital divide and make [21st-century](#) healthcare, educational and economic opportunities accessible for everyone, everywhere.

Because LEO systems are less reliant on terrestrial infrastructure, anyone on the planet with the right terminal — a small receiver about the size of a plate — and the ability to power it can connect to satellite broadband. And as the cost of production and deployment of this cutting-edge technology [continues to scale](#), LEO satellites will be an increasingly affordable option for homes, schools and businesses of all industries — unlocking a cascade of socioeconomic growth and development. The positive impact will ripple beyond the newly connected regions, fostering broader economic inclusion, innovation and prosperity for entire communities and nations.

LEO Satellite Connectivity is a Thriving Ecosystem Within a Growing Space Economy

LEO satellite technologies are helping create a thriving space economy. Launch companies are scaling to support the increased launch needs. Space satellite tracking, AI-driven traffic management and other capabilities are springing up to help support and maintain space safety and sustainability. These market-based solutions are driving investment, innovation and security — all things that will ensure long-term use of space as an economic engine to improve our lives.

Prioritizing Space Safety and Sustainability

The LEO satellite industry is committed and grounded in maintaining the long-term use of space through sustainability and strong stewardship of the environment, both on Earth and in space. LEO satellite communications providers are raising the bar and pioneering new practices to limit reflectivity and [prevent collisions](#). The safety of these systems is of key importance, and providers such as Slingshot, Kayhan Space and LeoLabs are providing capabilities to track and monitor the activity of LEO satellites.



Who We Are

The Connect Everyone Coalition is a broad-based coalition of leaders committed to educating the public and policymakers on the important role of innovators in low Earth orbit (LEO) satellite connectivity and how this technology is delivering services that will help us live, work and communicate better.



GET INVOLVED

Policymakers, industry leaders and communities around the globe must understand the critical role that innovation in LEO satellite technologies play in everyday lives. For more information, visit our website: www.connecteveryonecoalition.com