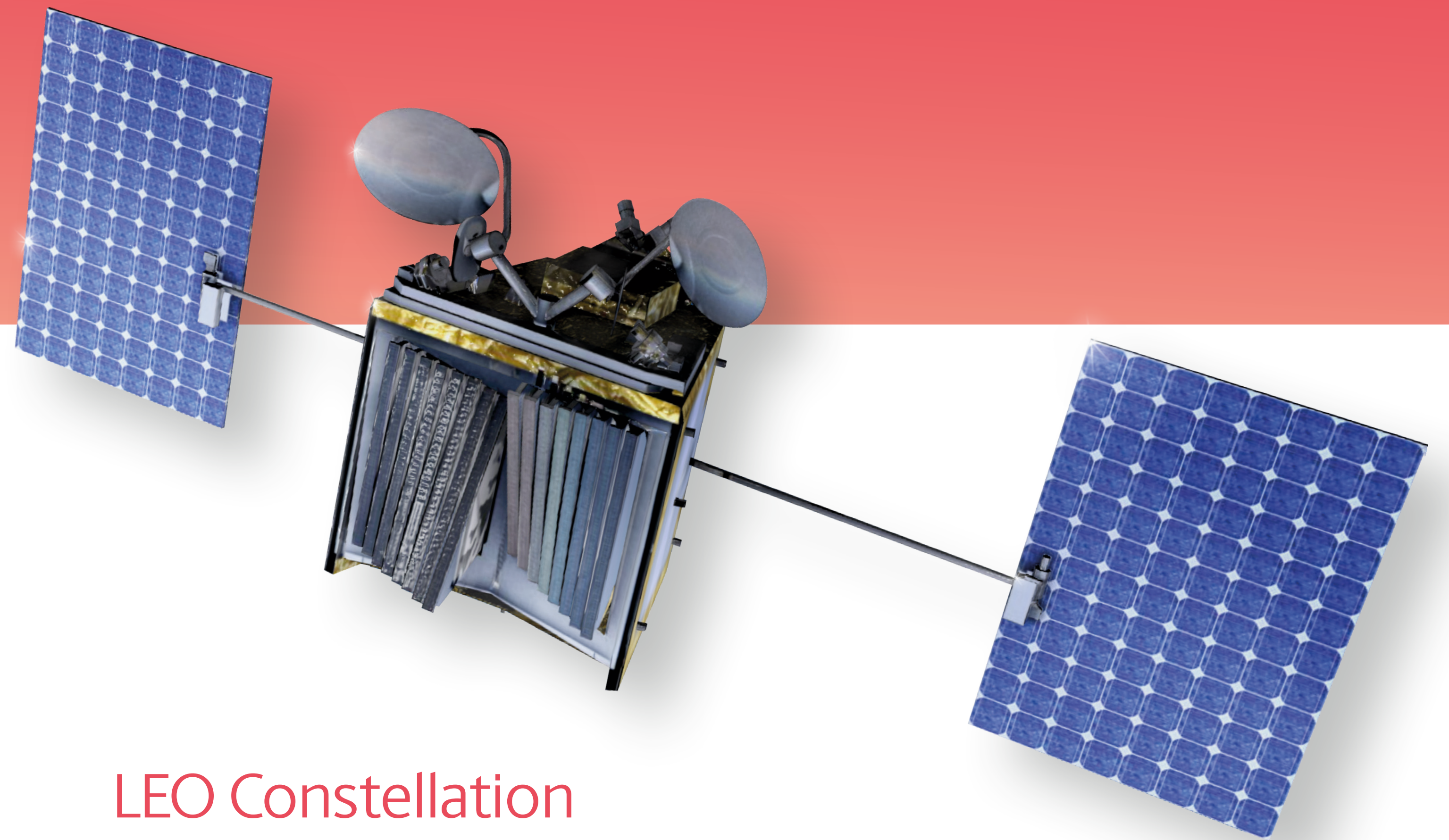




OneWeb

Space is the future for communications on Earth

Investing in space improves life on Earth. OneWeb offers innovators around the world the opportunity to redefine existing materials and mindsets in the design, production, orbit, flight, and responsible de-orbiting of future satellites.

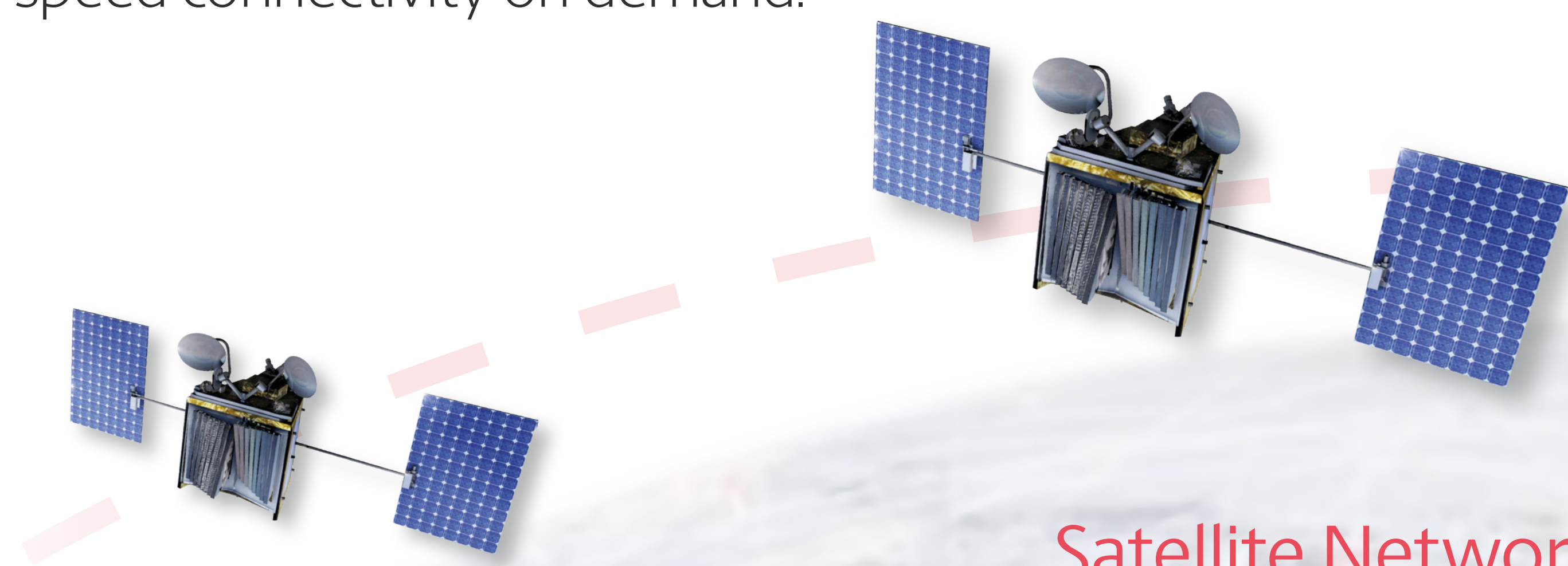


The Network

OneWeb's low Earth orbit (LEO) constellation model reduces cost structures and gives higher performance capabilities relative to other satellites that are further away meaning terrain no longer needs to be an obstacle for reliable, high-speed connectivity on demand.

LEO Constellation

OneWeb's first fleet of 648 satellites is designed to be continuously on the move, travelling around the Earth every 90 minutes along 12 orbital planes at 1,200km from Earth which is 30x closer than GEO networks.



Satellite Network Portals (SNPs)

OneWeb SNPs also known as ground stations, are used to communicate with satellites in low Earth orbit. SNPs are made up of several antenna and are critical part of connecting businesses and communities to the Internet.



User Terminals

LEO antennas, referred to as User Terminals (UTs), plug in easily and connect customer communities everywhere, including rural homes, schools and hospitals, civil defense and disaster management, government, business, and other large organizations.



Air

Electronically-steered antennas that are lighter and more streamlined than traditional antenna technologies to reduce drag and fuel burn, and lower maintenance costs and operational disruption.



Land

Small, lightweight UTs that can be carried, installed in fixed locations, or integrated on board moving vehicles.



Sea

UTs that provide fast, flexible, secure connectivity for shipping fleets, floating communities, and offshore operations, to make them more efficient, sustainable, and profitable.

Network Operations

OneWeb has built a network that Distribution Partners and customers everywhere can manage, flex, and scale on demand without having to think too hard about satellites.

Our Fleet Management Services, Satellite Operations Centers, centralized Ground Network Operations Center and Customer Technical Assistance Center are equipped to provide service delivery and security assurance across all our operations.

Network Security

We embed cybersecurity throughout the development life-cycle of OneWeb technology, including operational service and end of life functions, to ensure the network is reliable, and secure.

Responsible Space

OneWeb is dedicated to responsible space practices on the basis that space is a shared natural resource

which, if used responsibly, can help transform the way we live, work, and connect.

OneWeb uses practices that drive sustainability within the space industry, avoiding harming our

lower Earth orbit (LEO) environment while developing this new frontier in mobility, communications and connectivity, so that it works for, and benefits, generations to come.

To find out more about OneWeb's commitment to Access to Space for All visit www.responsible.space

