



Connect People Everywhere

X Congreso Internacional de Espectro
Panel 4
Colombia ANE
9 November 2020



A NEW LAYER OF THE CONNECTIVITY ECOSYSTEM

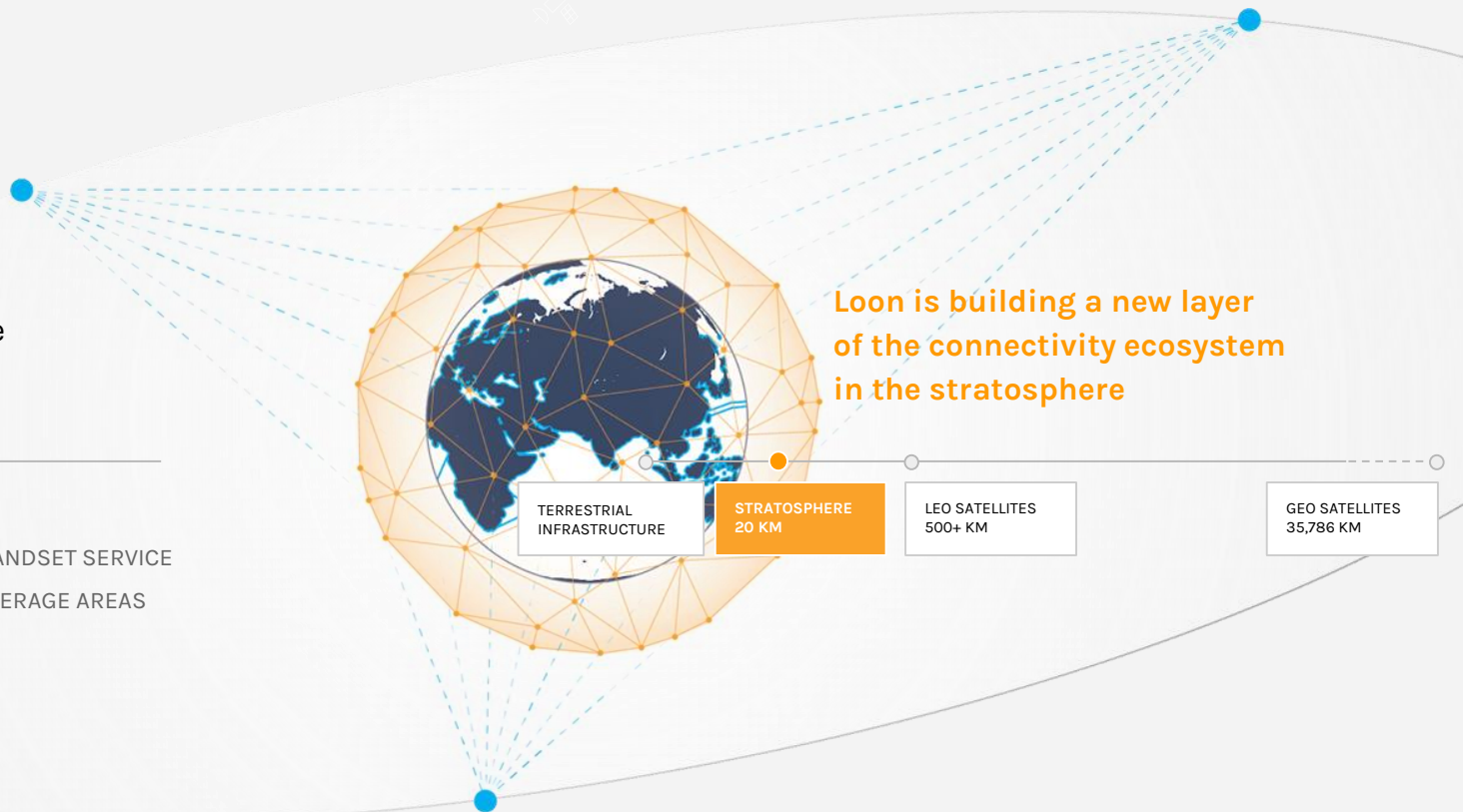
THE SOLUTION

If we want to connect all the places, people, and things that need it, we need something more. We need a third layer in the connectivity ecosystem.



ADVANTAGES

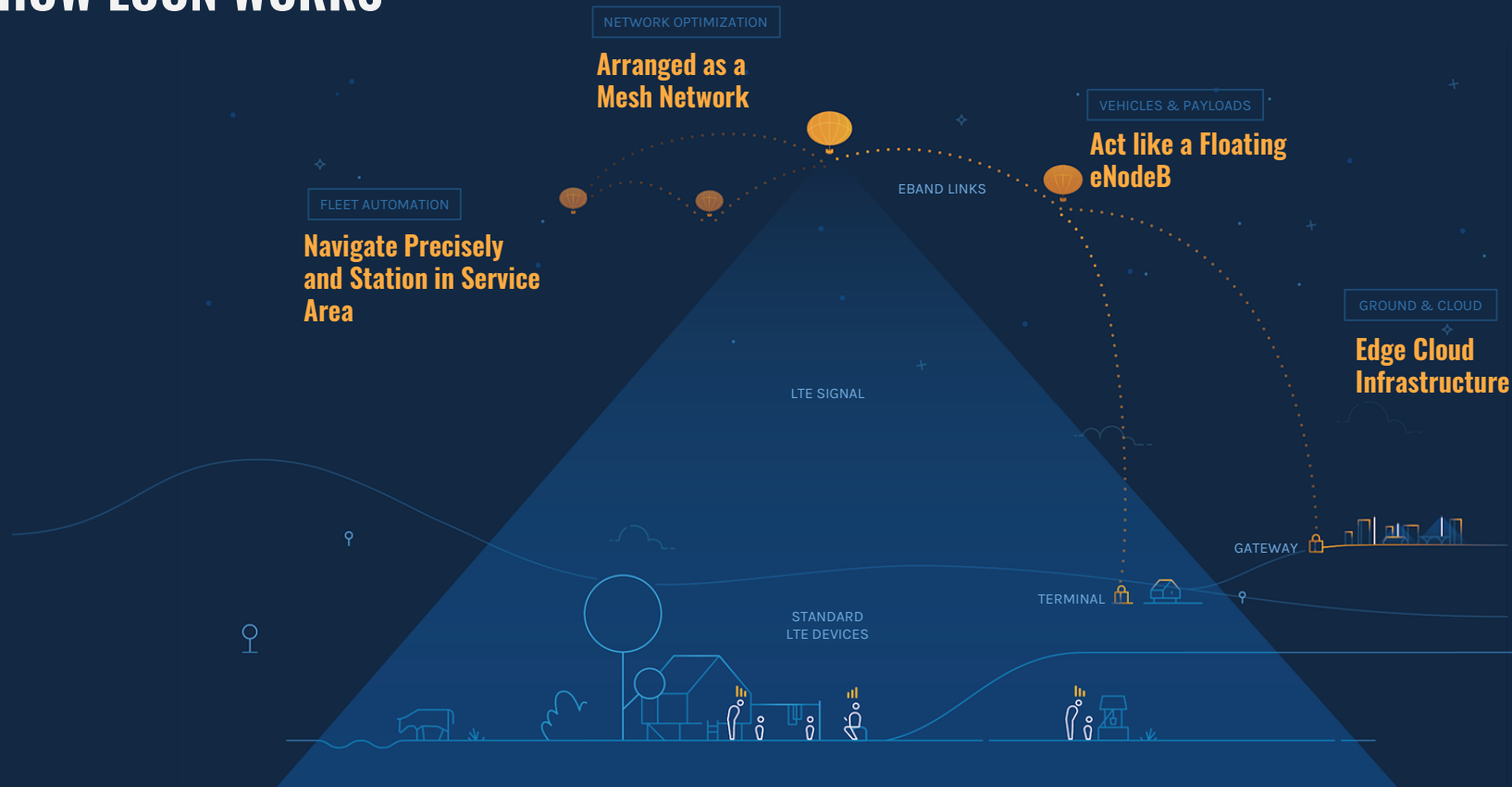
- DIRECT-TO-HANDSET SERVICE
- MASSIVE COVERAGE AREAS
- FLEXIBILITY



Loon is building a new layer of the connectivity ecosystem in the stratosphere

CONTINUOUS INNOVATION

HOW LOON WORKS



THE WORLD'S FIRST HAPS

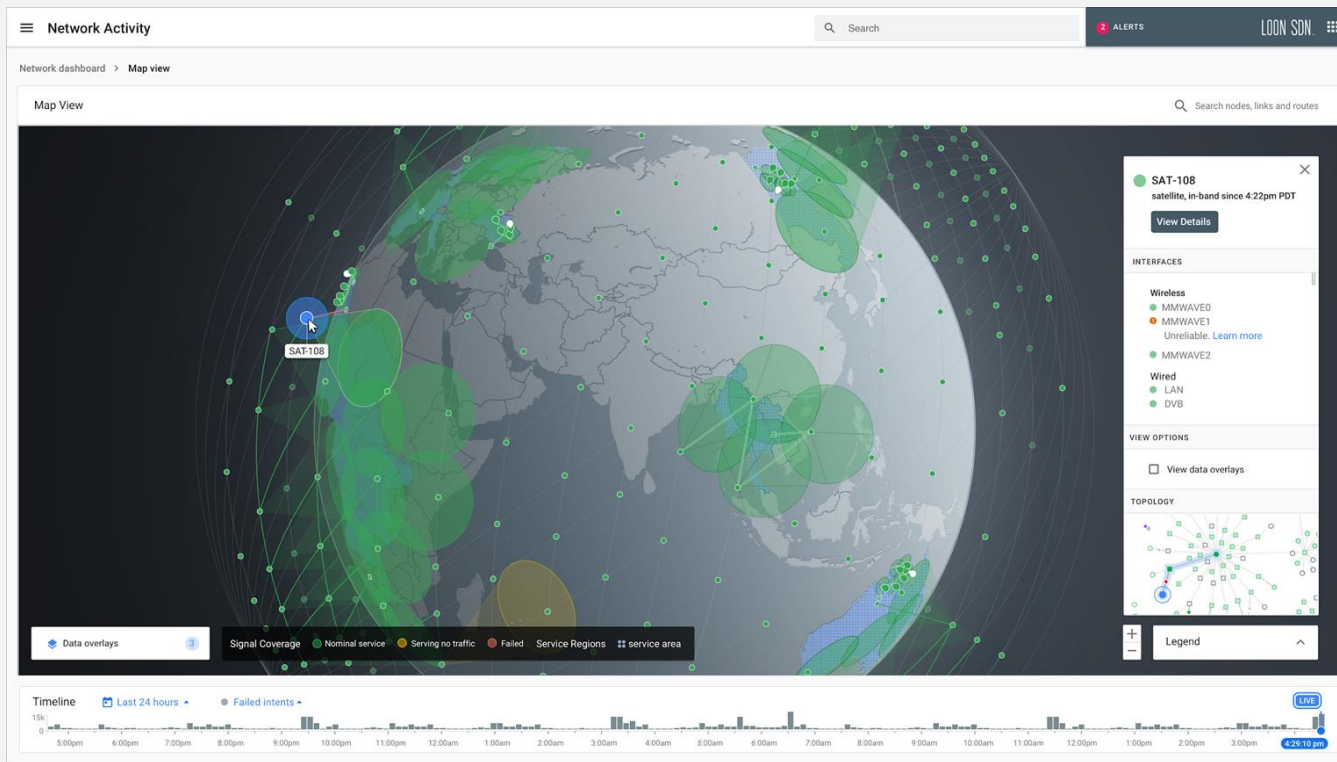
LOON.

CONNECTING REMOTE USERS WITH LTE SPEEDS FROM THE SKY

Loon delivers a comparable user experience to a terrestrial LTE network with many applications including video watching.



LOON DEVELOPED THE WORLD'S FIRST SDN TO ORCHESTRATE NGSO + HAPS



WHAT DOES IT DO?

Uses physical, environmental, and regulatory data to efficiently orchestrate networks of moving nodes (HAPS, NGSO satellites, etc.)

Anticipates and avoids interference with incumbent networks, including terrestrial links and NGSOs.

Opens the possibility of hybrid networks, where HAPS can complement and extend existing networks.