



Thales Alenia Space Iridium Next

“

*“I am interested in things that change the world or that affect the future and wondrous, new technology where you see it, and you’re like, ‘Wow, how did that even happen? How is that possible?’” – **Elon Musk***



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Iridium Next

What is it?





The world largest constellation of communication satellites



81

Satellites including 15 on the ground or in parking orbit

100%

Of the world covered, including the poles and the oceans

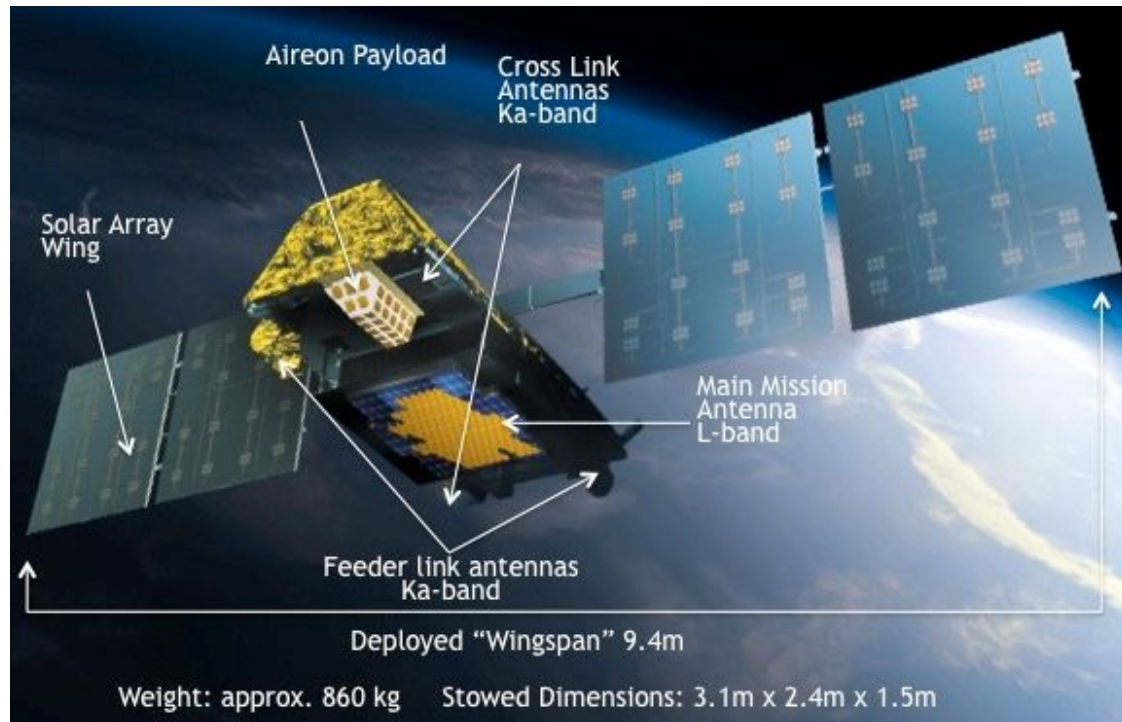
3 Billions \$

Project cost

December 30, 2018

Date of the last launch

Spacecraft overview



Satellite Network Operation Center

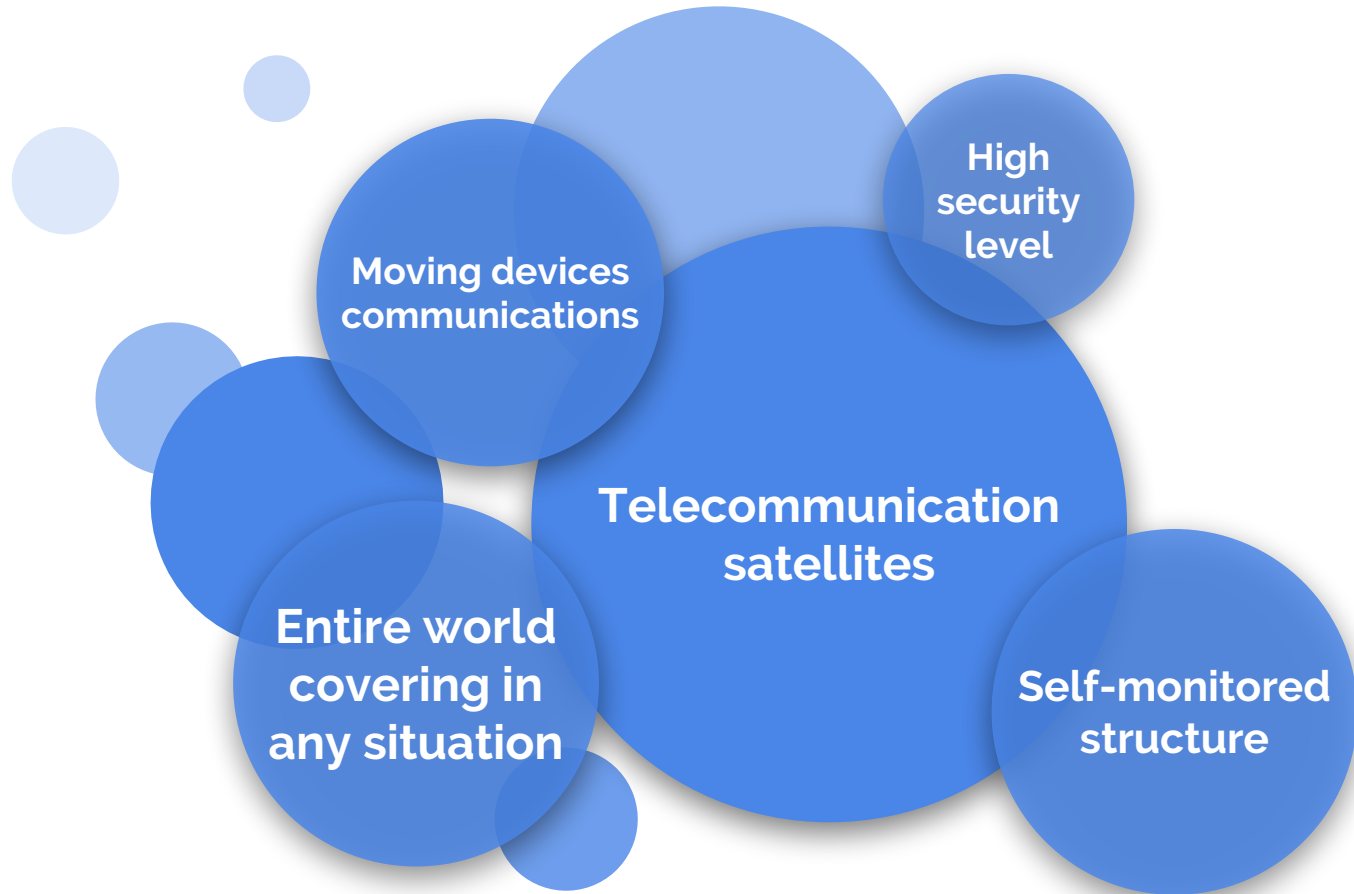


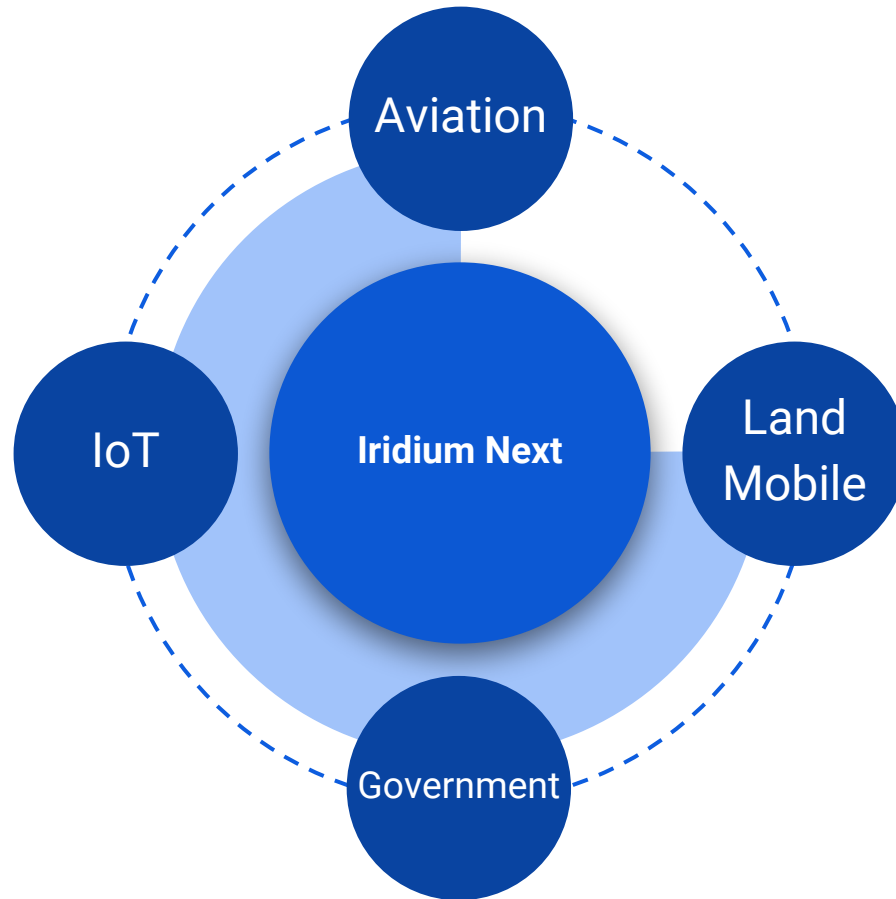
Leesburg (Virginia)

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Why?



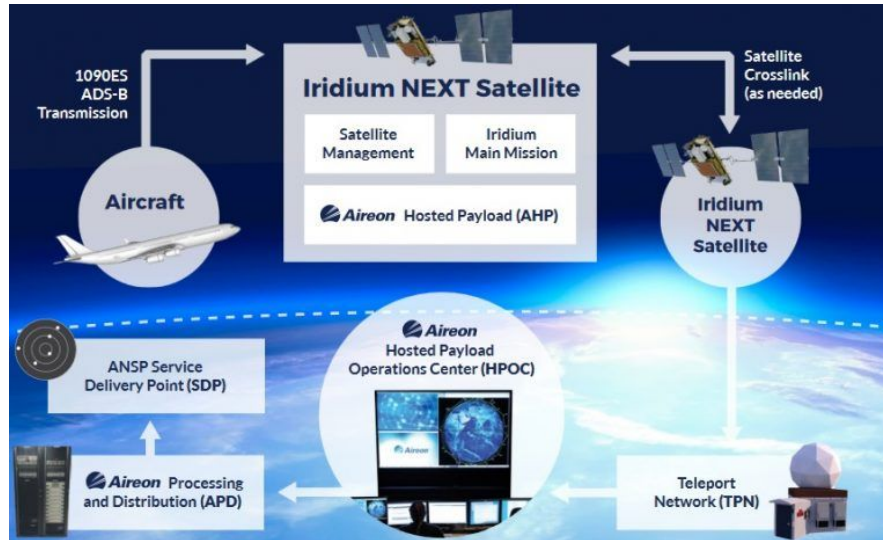




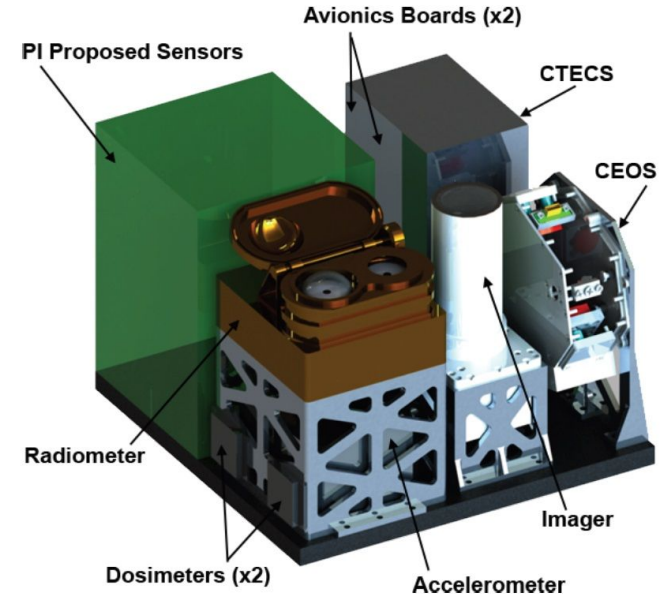
Hosted payloads



Global ADS-B



GEOScan



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How?



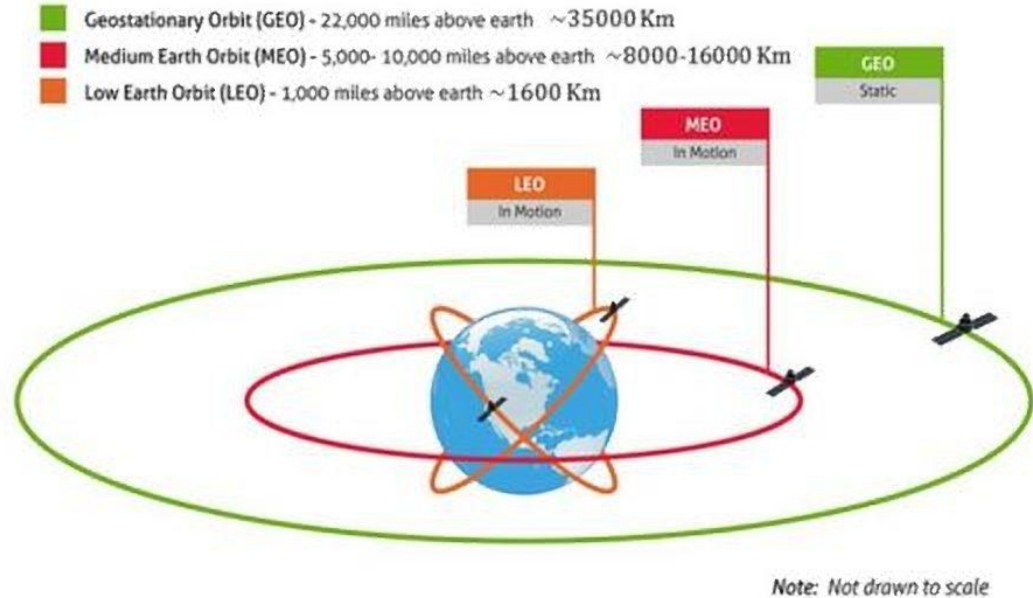


8 launches over 3 years



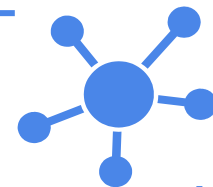
Satellite orbits

Low Earth Orbit (LEO) is up to 1600 km

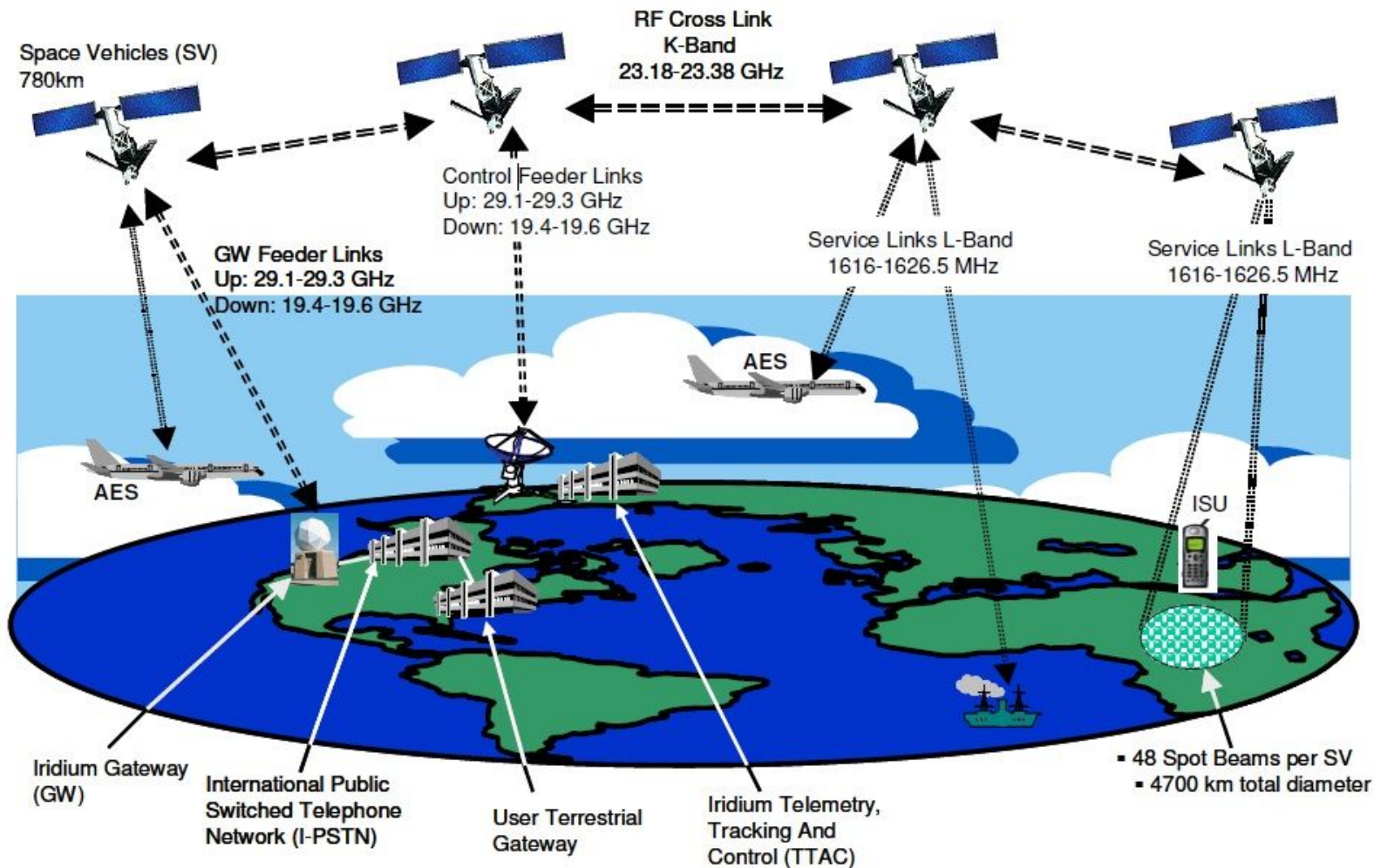


Slot swap





Routing



Conclusion







Thanks!

Any questions?