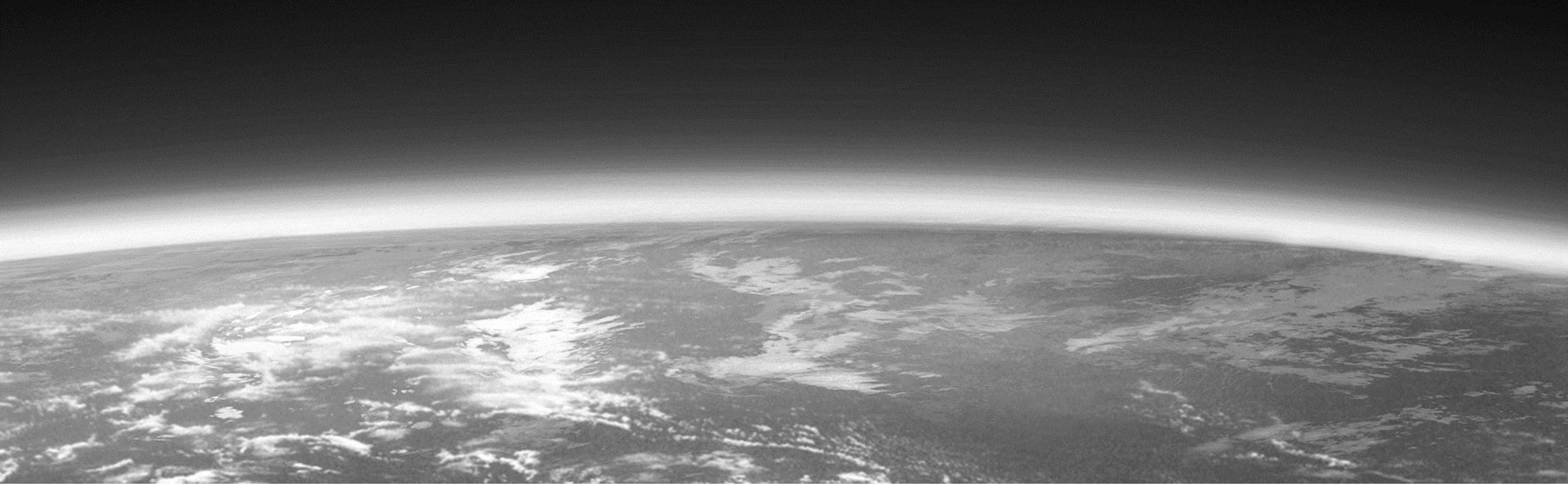




The Future of Satcom Industry in India

Stephane Thibault | Asia-Pacific Sales



Intelsat is changing the game...and the world

Intelsat created the satellite market, and we are best positioned to continuously transform it.

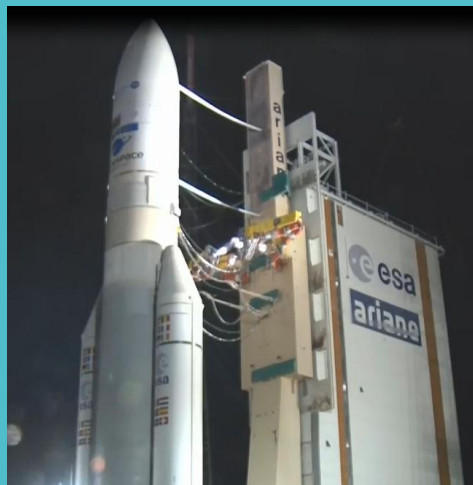
Our innovations now serve as the driver for a new network, one that thousands of organizations serving billions of people worldwide rely on to fulfill the expectation of ubiquitous coverage.

This is the Intelsat Globalized Network.

Intelsat and India's satellite partnership since 1990s

Satellite ventures with ISRO

Including joint payloads
and arrangements for
services



Top media partner

Distributing ~half the
market TV content



Moving forward

Digital India, In-Flight
Connectivity, Maritime
Connectivity

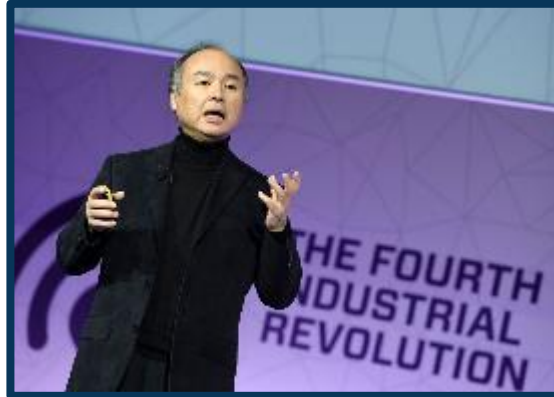


Internet Giants Turned Space Entrepreneurs



Larry Page

In 2015,
Google and
Fidelity
invested
\$1 billion
in SpaceX



Masayoshi Son

Softbank
to invest
over \$1
billion in
OneWeb



Elon Musk

SpaceX
– Commercial
launch services
– Mars Colony
Plan



Mark Zuckerberg

Facebook
launching rural
internet access
via satellite for
Latin America

Virgin Orbit
– Small satellites
Virgin Galactic
– Space tourists
First round investor
of OneWeb



Richard Branson

Owns Blue Origin
– Private spaceflight
services & science
missions



Jeff Bezos

The disruptors: in a space industry worth >\$300bn



In Feb 2017, Planet launched 88 Dove satellites into orbit – the largest fleet of satellites to be launched in history; and then another 48 in Jul 2017.

With over 200 Earth observation satellites, Planet Labs now operates the largest satellite constellation.



Rocket Lab is the only rocket firm in the world with its own launch complex (on North Island's Mahia Peninsula).

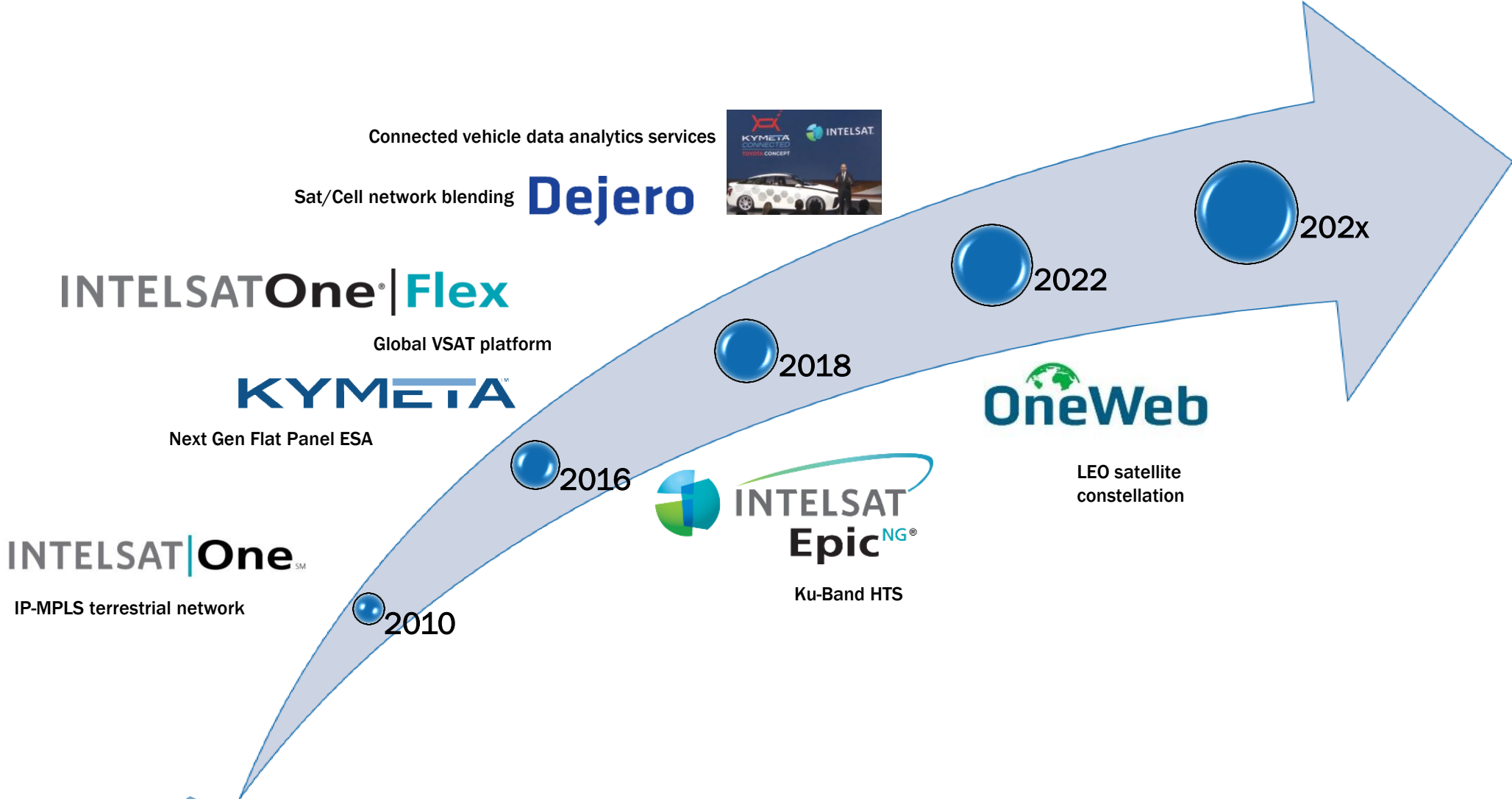
The Electron satellite test program launched 3 shoe-boxed satellites in Jan 2018, and projected to cost <\$5 million per launch.



Virgin Orbit will launch small satellites using its LauncherOne orbital launch vehicle.

Essentially LauncherOne is a Boeing 747-400 airplane designed to hold a rocket under its wing. Once it reaches an altitude of ~35,000 feet, the rocket would be fired into space.

Continuous Innovation in Hybrid Networking





PREPARING FOR 5G – 3GPP Release 16
Intelsat is a member of the 5G standards bodies; as well as GSMA



Thank you

Stephane Thibault

Stephane.Thibault@intelsat.com

+65 6572 5450



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