# NORTHERN SKY RESEARCH

# The Leading Global Consultancy in Satellite & Space

2021



Industry Leading Market Research & Consulting Services for Satellite and Space Clients Around the World

#### Clients Across the Value-Chain



Finance Industry (PE, Bank, Funds, ECA, Debt) Startups EO and Data Analytics Software/Hardware ANY Aspect of Satellite/Space



January 2021

#### **Cloud: A Foundational Shift**

Satellites and the Cloud

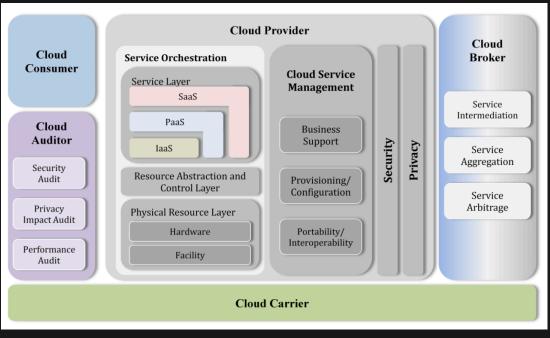


# An Industry in Transition

Self Managed Service Provider Managed					
Traditional/ On-Premise	Co-location	laaS	PaaS	SaaS	
Applications	Applications	Applications	Applications	Applications	
Data	Data	Data	Data	Data	
Middleware	Middleware	Middleware	Middleware	Middleware	
O/S	O/S	O/S	O/S	O/S	
Virtualization	Virtualization	Virtualization	Virtualization	Virtualization	
Physical Servers	Physical Servers	Physical Servers	Physical Servers	Physical Servers	
Network & Storage	Network & Storage	Network & Storage	Network & Storage	Network & Storage	
Data Center	Data Center	Data Center	Data Center	Data Center	

Source: NSR

A paradigm shift is underway

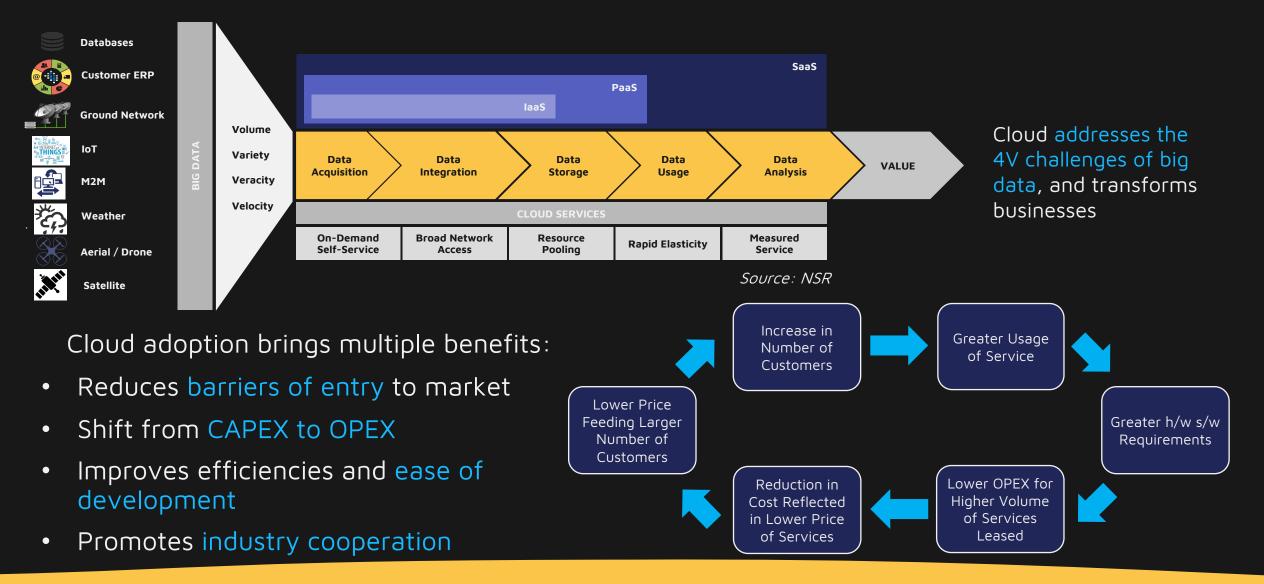


Source: NIST

Cloud will be a critical component that ensures satellite players remain competitive

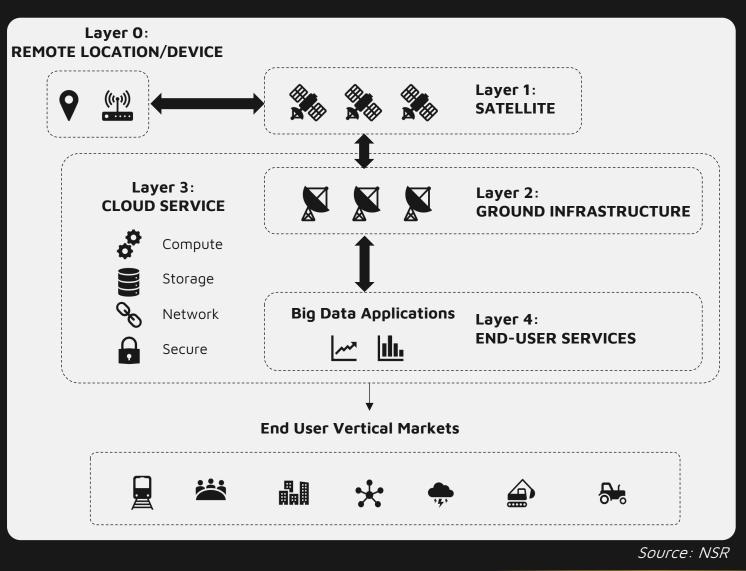


### Cloud is a Satellite (Big Data) Enabler





#### **Digitization across the Satellite Value Chain**



Digitization is less about blanket cloud adoption and is more a strategic imperative:

- Business agility
- IT flexibility

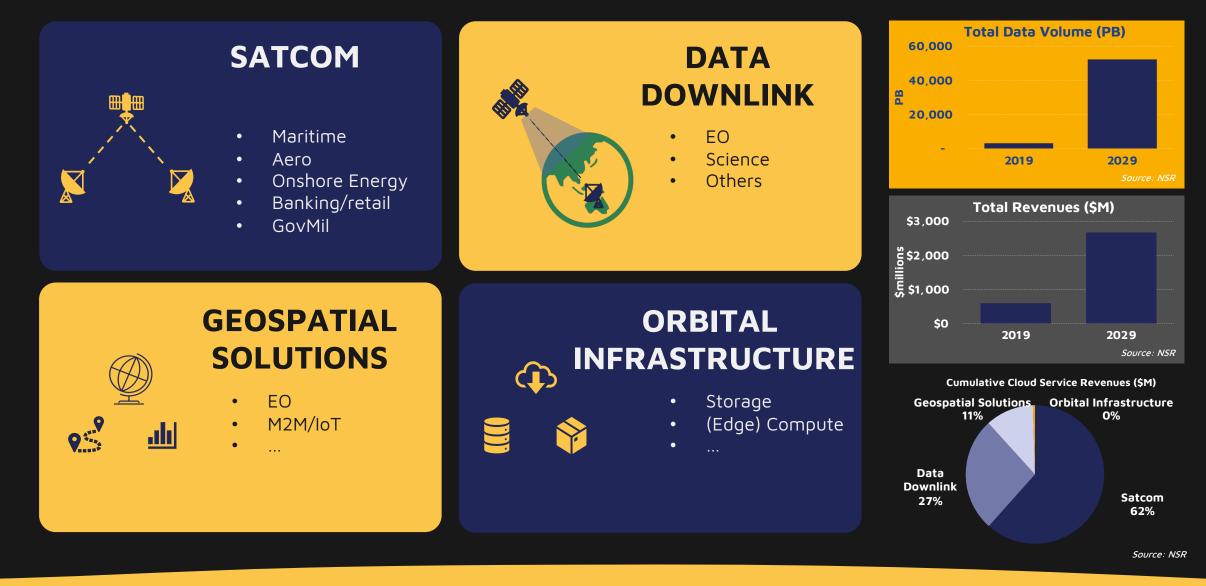
Cloud solutions blur demarcations in the traditional satellite value chain, effectively decoupling satellite hardware and software.



Visit <u>www.nsr.com</u> for more details

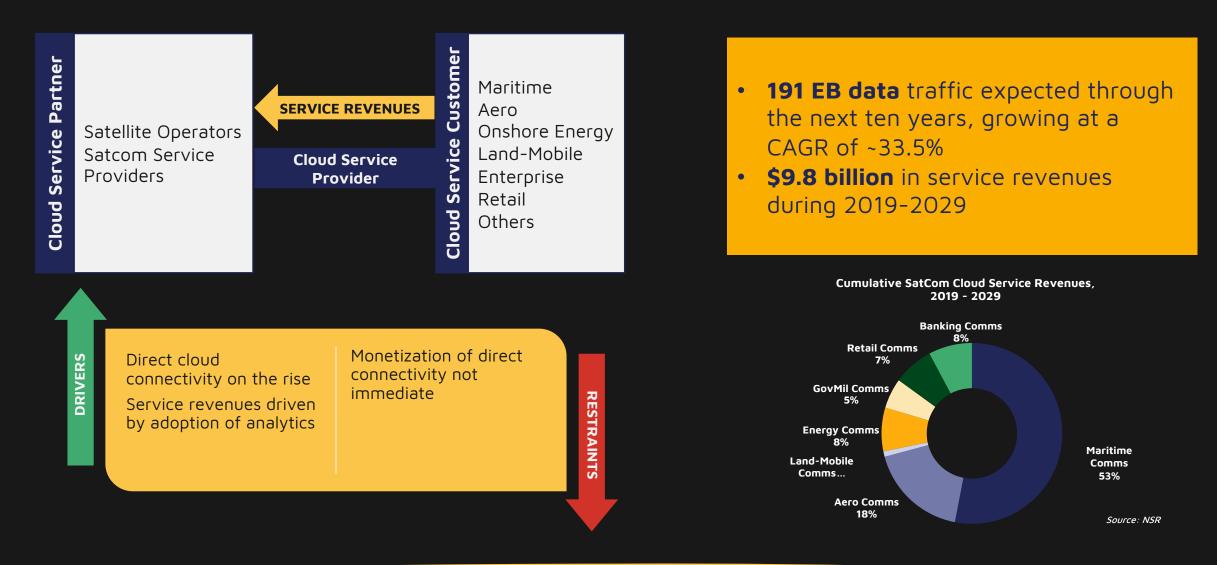


# **Applications are Wide Ranging**



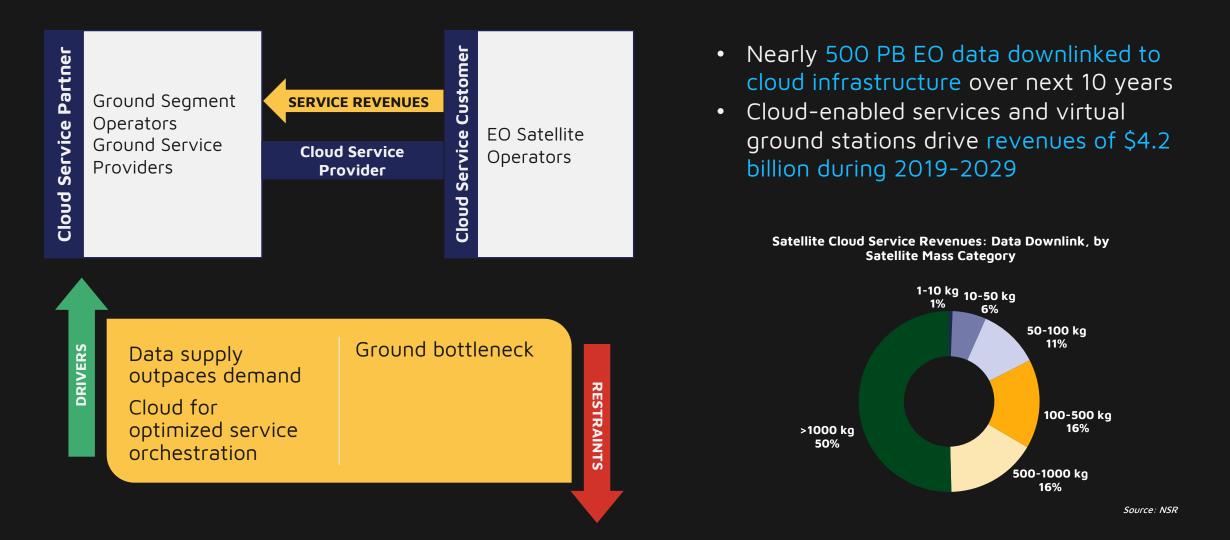


#### Satellite Communications is Where it Rains



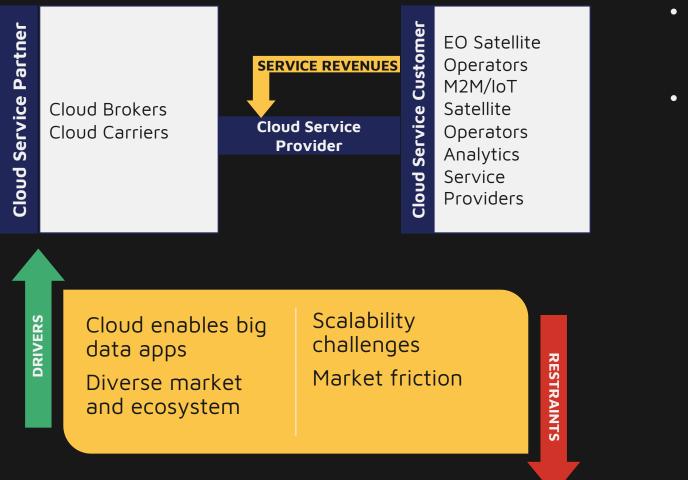


#### Data Downlink: EO Building Steam



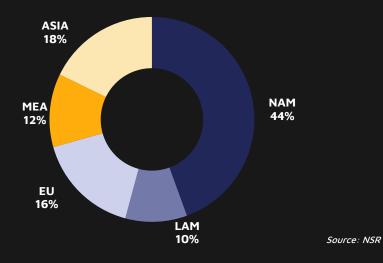


## Geospatial Solutions: By the Buckets



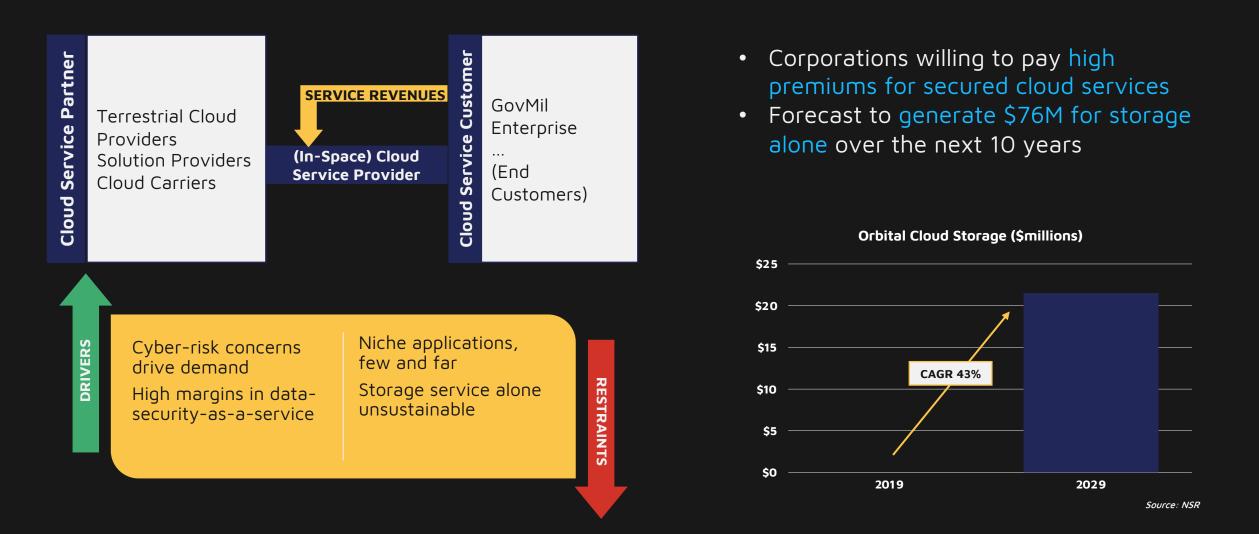
- Leverage cloud for development of applications and platforms for satellite data end users
- Cloud service revenues forecast to cumulatively approach \$1.8 billion through next decade

Satellite Cloud Service Revenues: Geospatial Solutions, by Region





#### **Orbital Infrastructure: Early Years**





Northern Sky Research, LLC One Mifflin Place, Suite 400 Cambridge, MA 02138 info@nsr.com

+1 (617) 674 - 7743

