



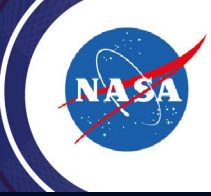
Exploration & **SPACE**
Communications

More than you ever imagined...

Potential Applications for Space Communications

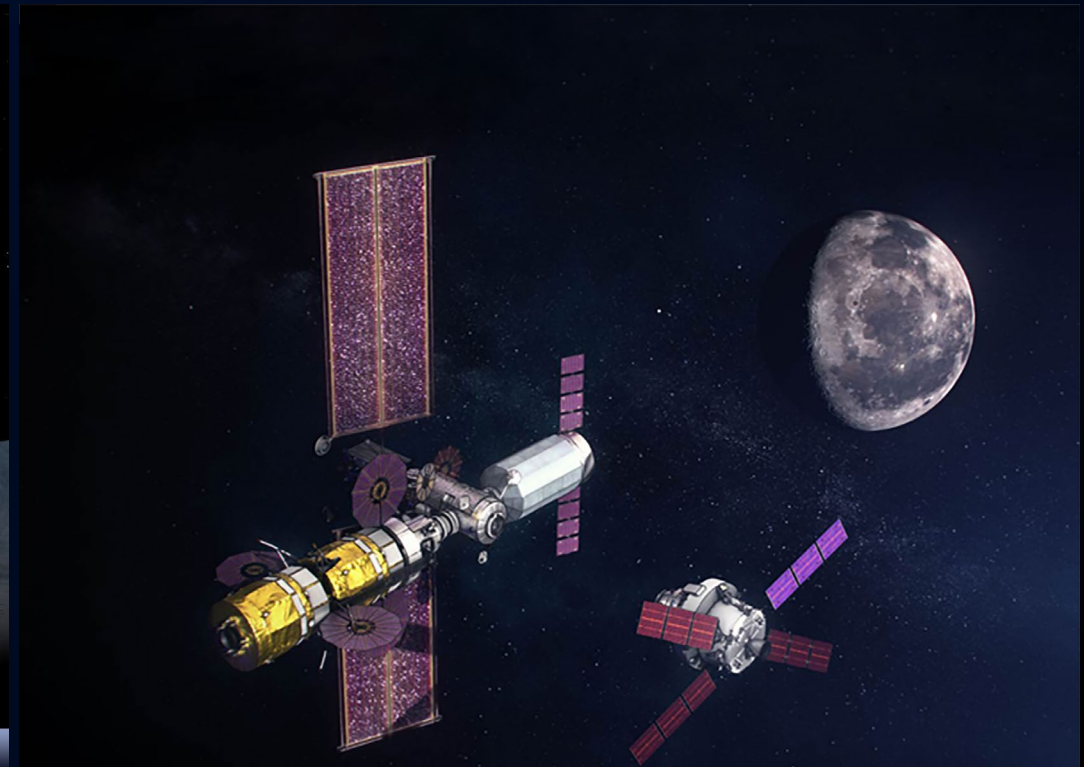
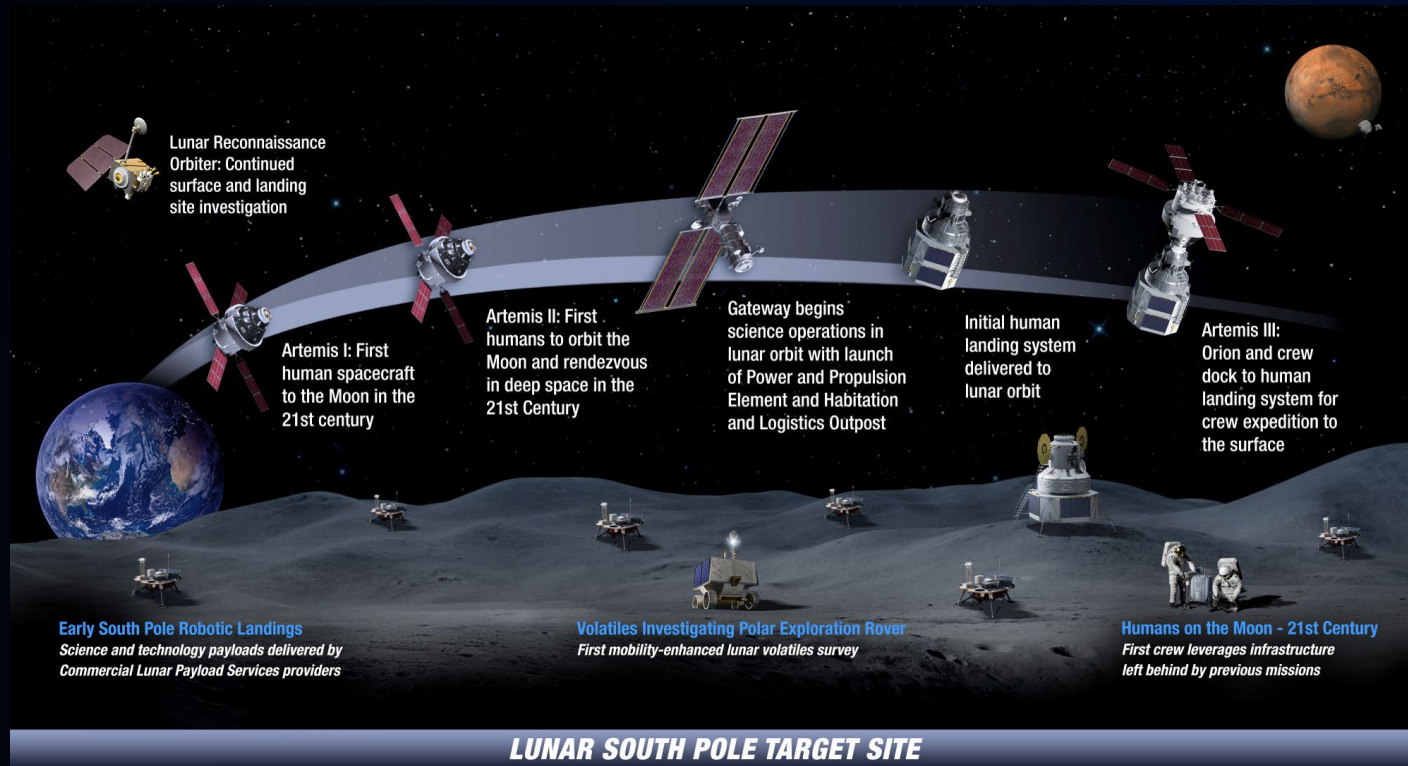


Artemis Overview

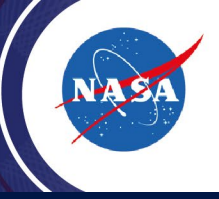


NASA is committed to landing American astronauts, including the first woman and the next man, on the Moon by 2024. Through the agency's Artemis lunar exploration program, we will use innovative new technologies and systems to explore more of the Moon than ever before.

We will collaborate with our commercial and international partners to establish sustainable missions by 2028. And then we will use what we learn on and around the Moon to take the next giant leap – sending astronauts to Mars.



Applicability Balance



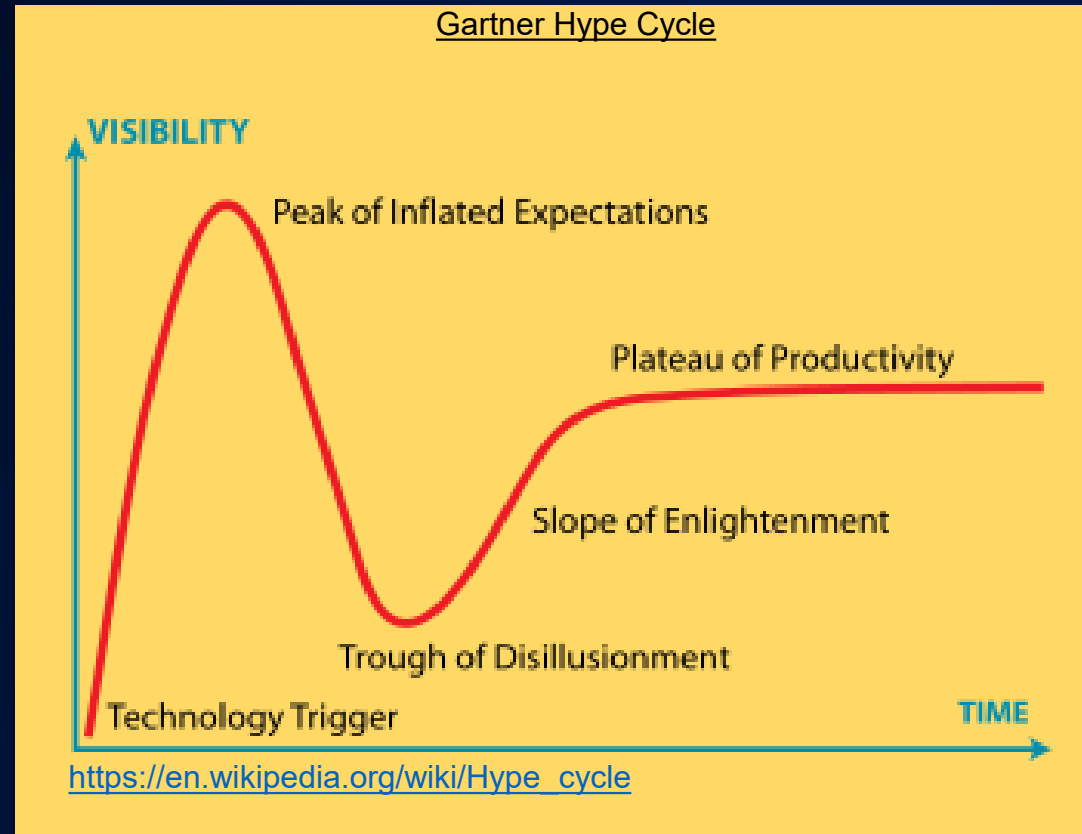
Applicable to Space Communications

Applicable to Terrestrial Communications

Gartner Hype Cycle

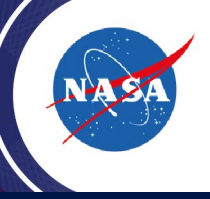


Balancing the Value Proposition and Technology Lessons Learned



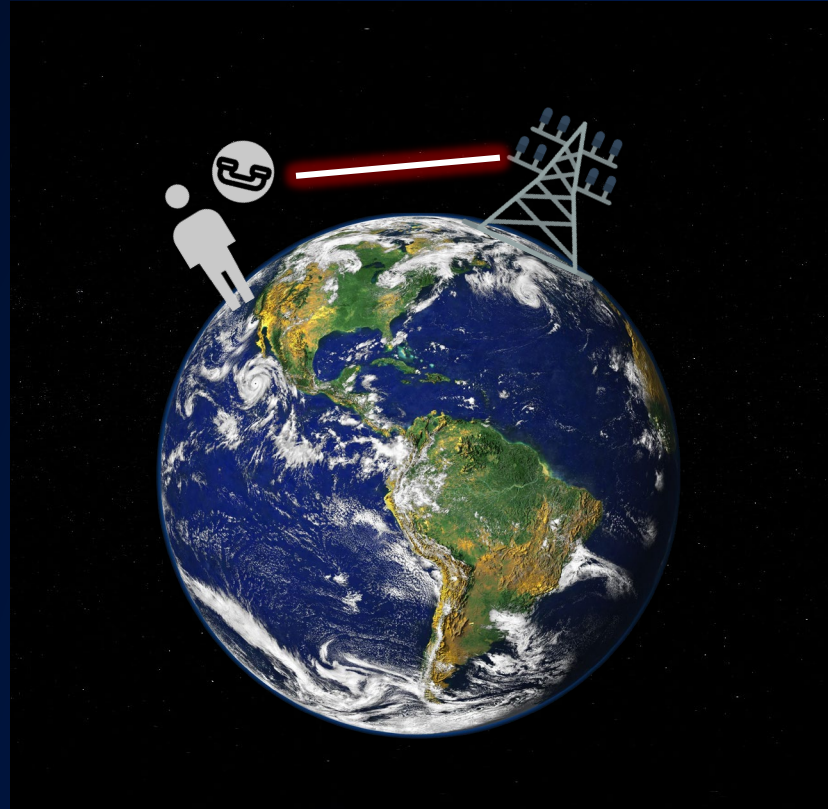
Importance of Data Informed Decisions

Exploring Scenario

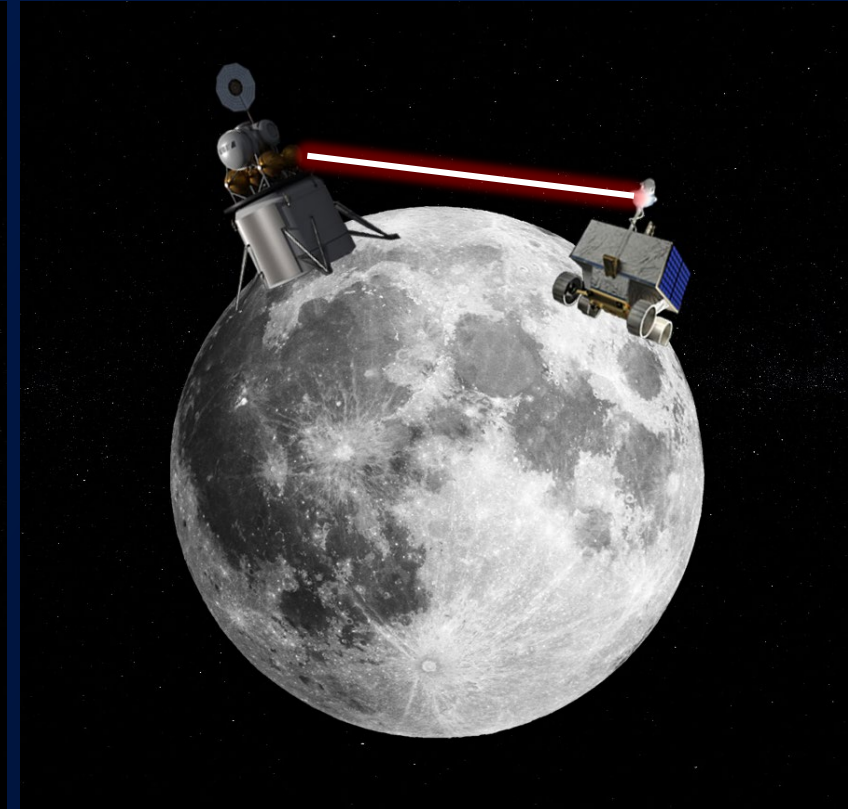


Questions

1. Name terrestrial application
 - Key technology?
2. Given what was shared during discussion:
 - What key Space Comm applications can you envision?



Terrestrial
Communications Links



Lunar Surface Asset to
Lunar Surface Asset
Communications Links



So what will you do?