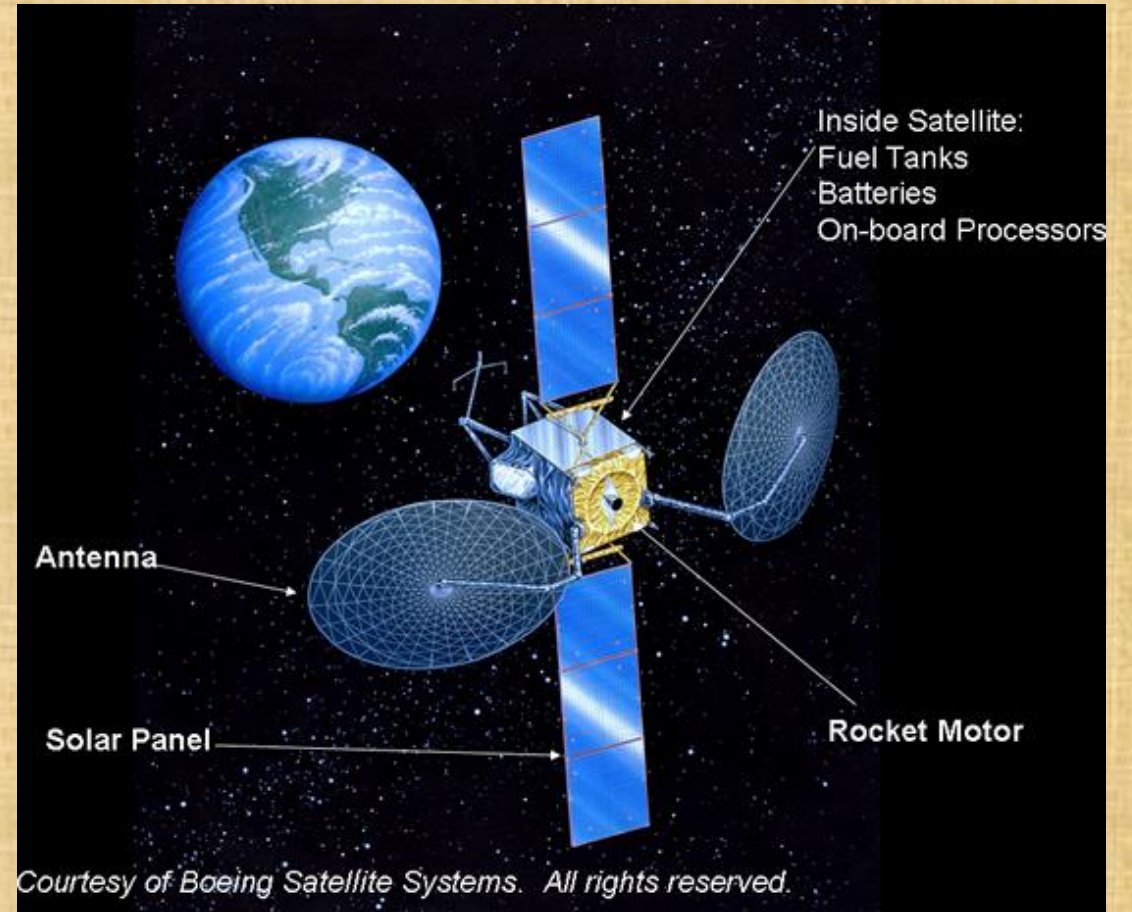


SATELLITE

A satellite is a moon, planet, or machine that orbits a planet or star.

Usually, the word "**satellite**" refers to a machine that is launched into space and moves around Earth or another body in space.



TYPES OF SATELLITE

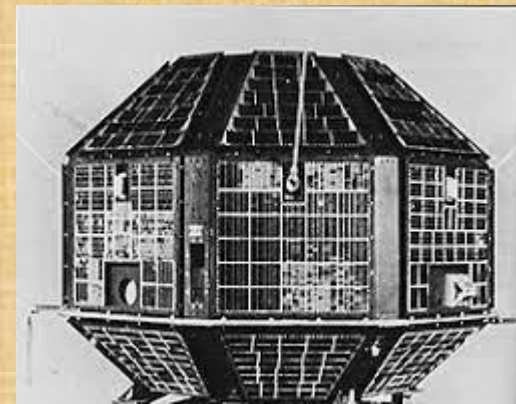
NATURAL SATELLITE

A natural satellite is any celestial body in space that orbits around a larger body. Moons are called natural satellites because they orbit planets.



ARTIFICIAL SATELLITE

An artificial satellite is an object that people have made and launched into orbit using rockets. Man-made satellites like Aryabhata and Sputnik.



PARTS OF A SATELLITE

Antennas

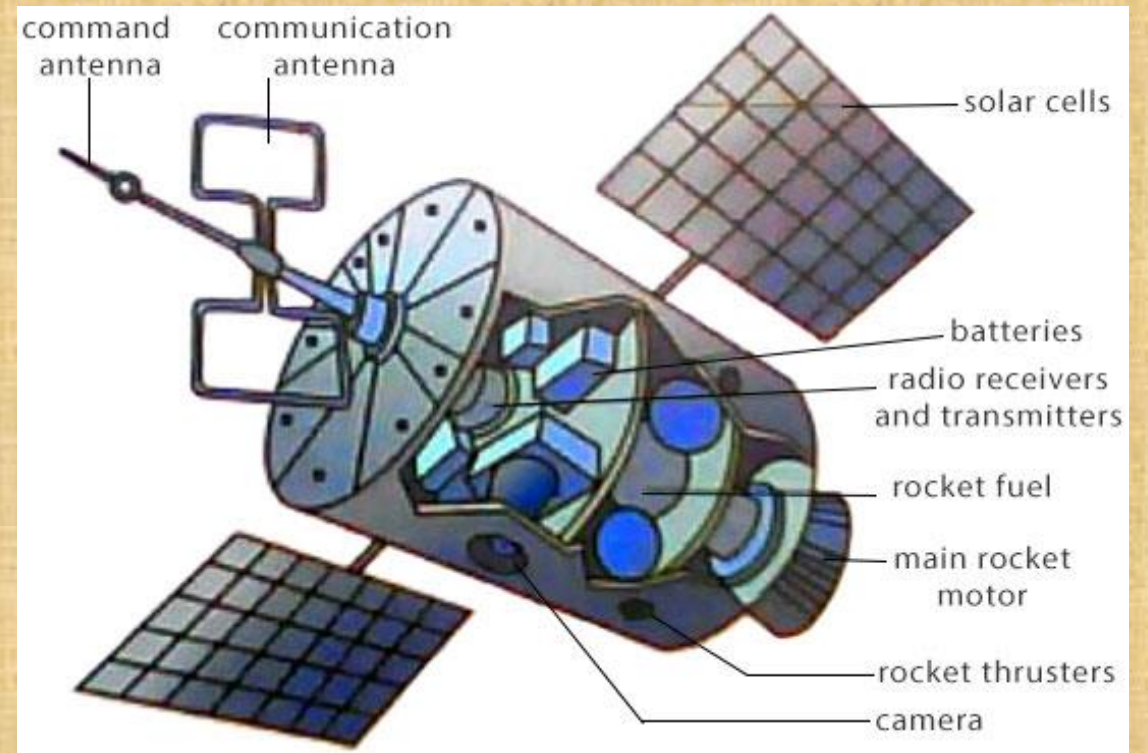
Command and Data Handling

Housing

Solar cells(power source)

Thermal control

Transponders



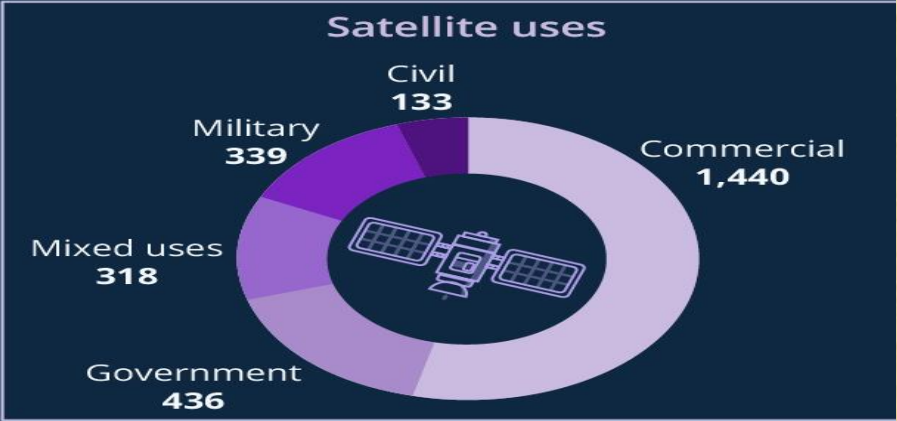
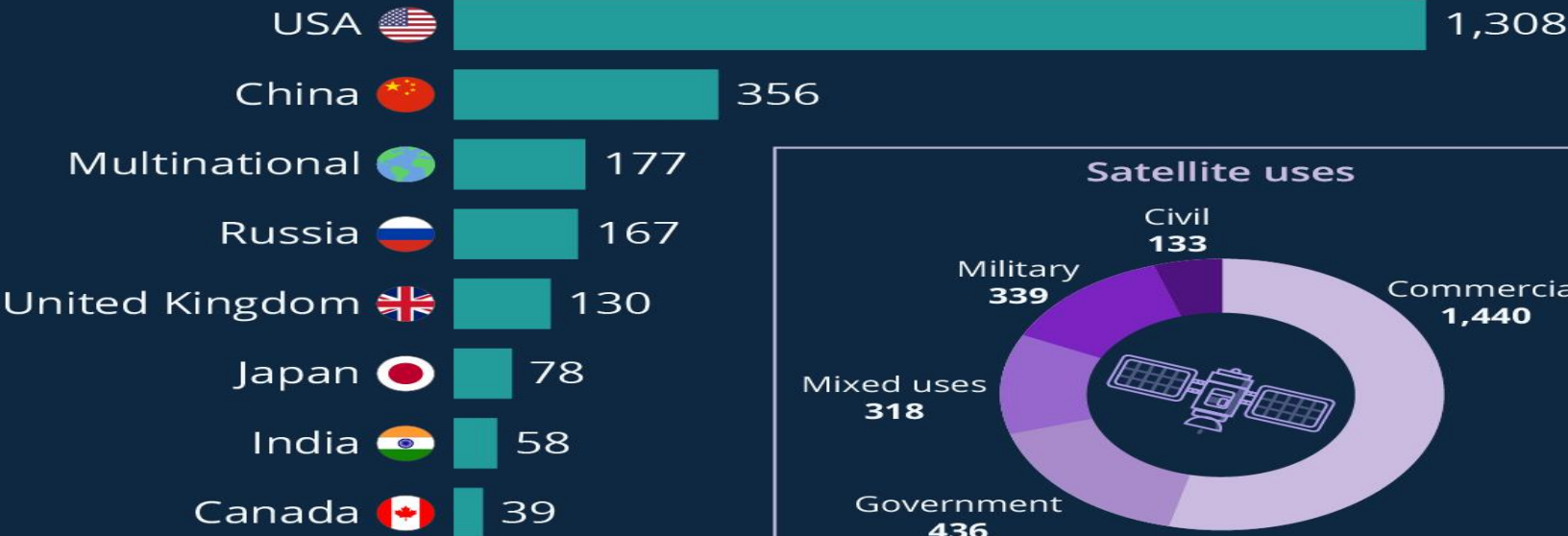
HOW DO SATELLITES ORBIT EARTH?



SATELLITE LAUNCHED NATIONS

The Countries With the Most Satellites in Space

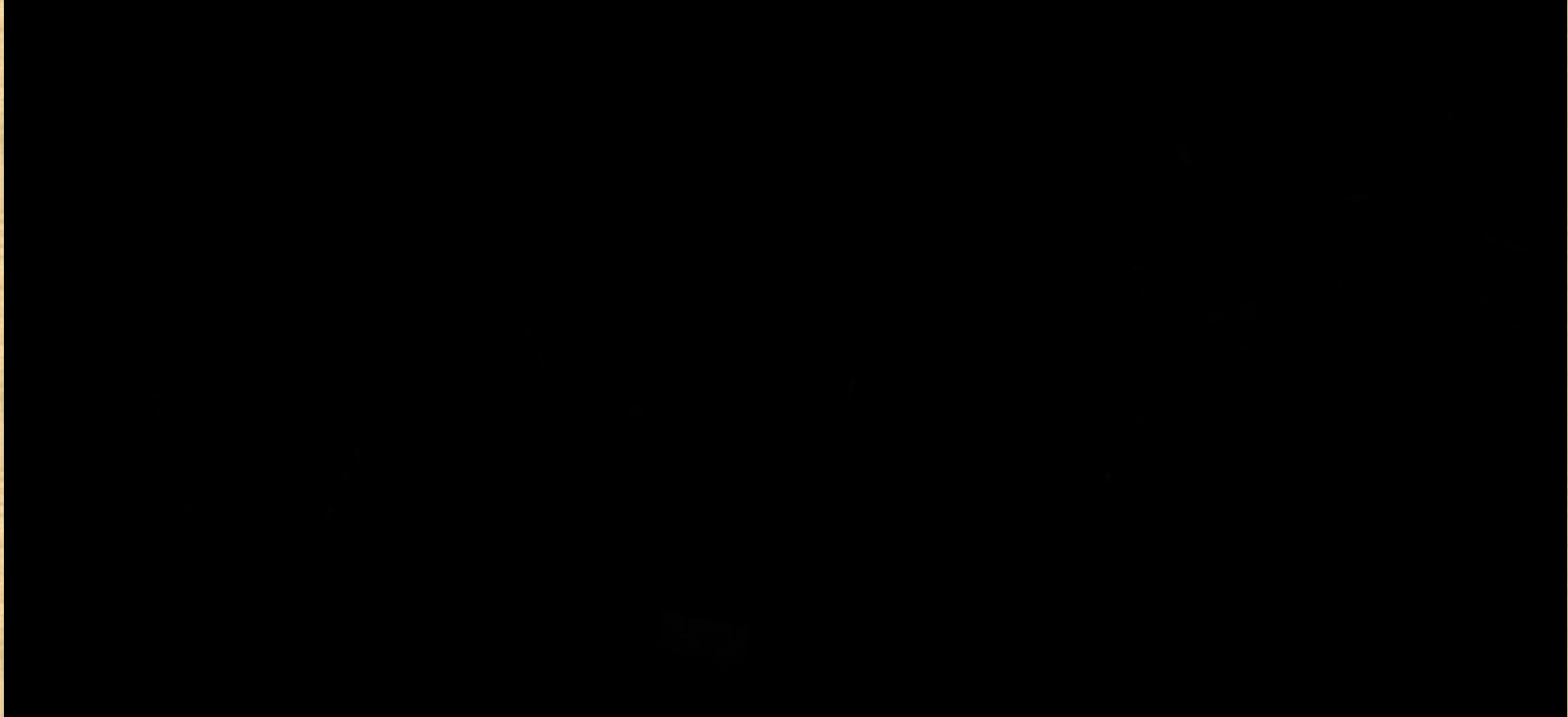
Satellites currently orbiting Earth by country* (as of April 2020)



* Country of operator/owner
Source: Union of Concerned Scientist Satellite Database



SATELLITE CRASHING



APPLICATIONS OF SATELLITE

Weather forecasting

Radio and Tv broadcast

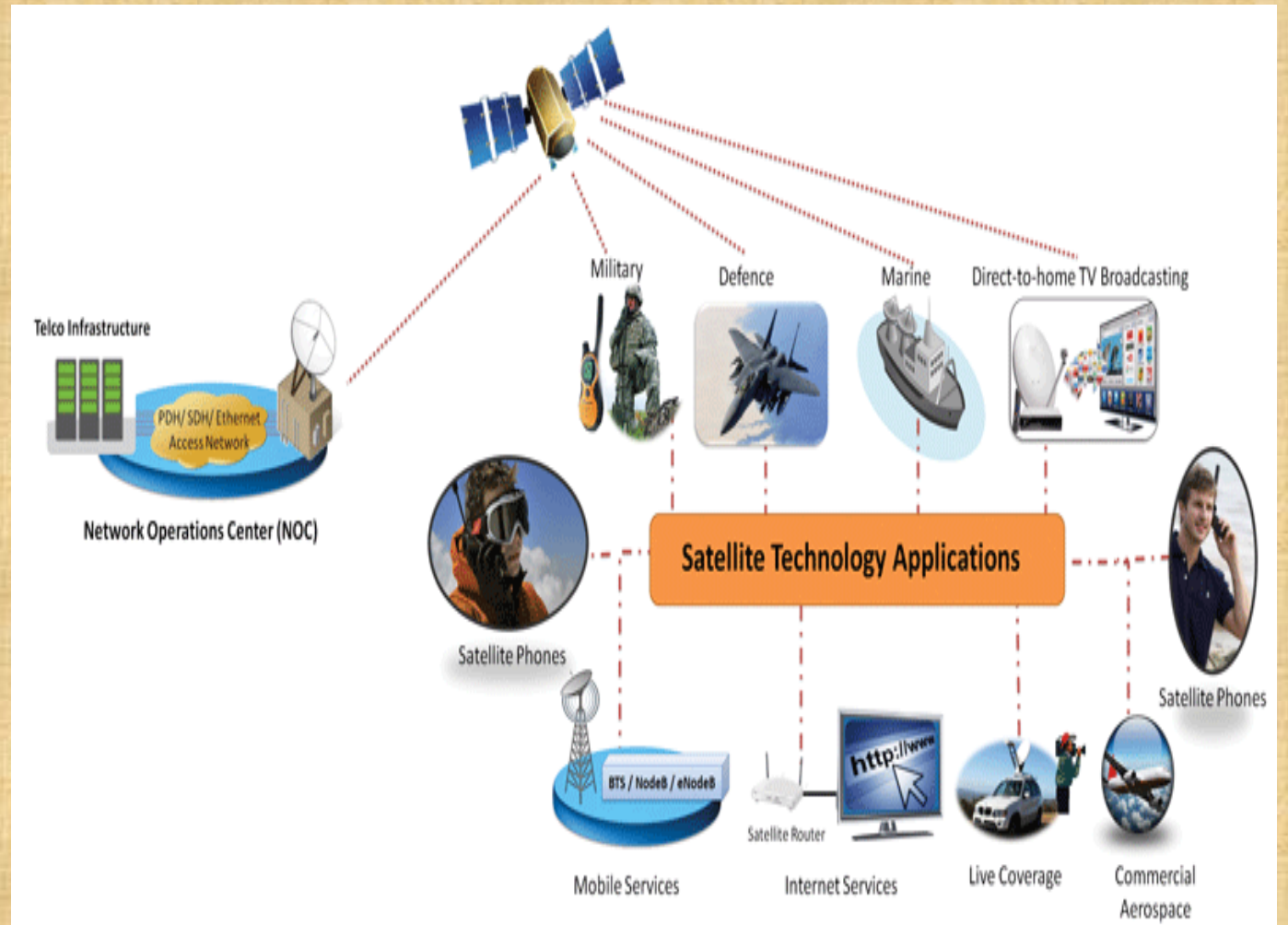
Military

Navigation

Global Telephone

Connecting remote areas

Global mobile communication



THANK YOU