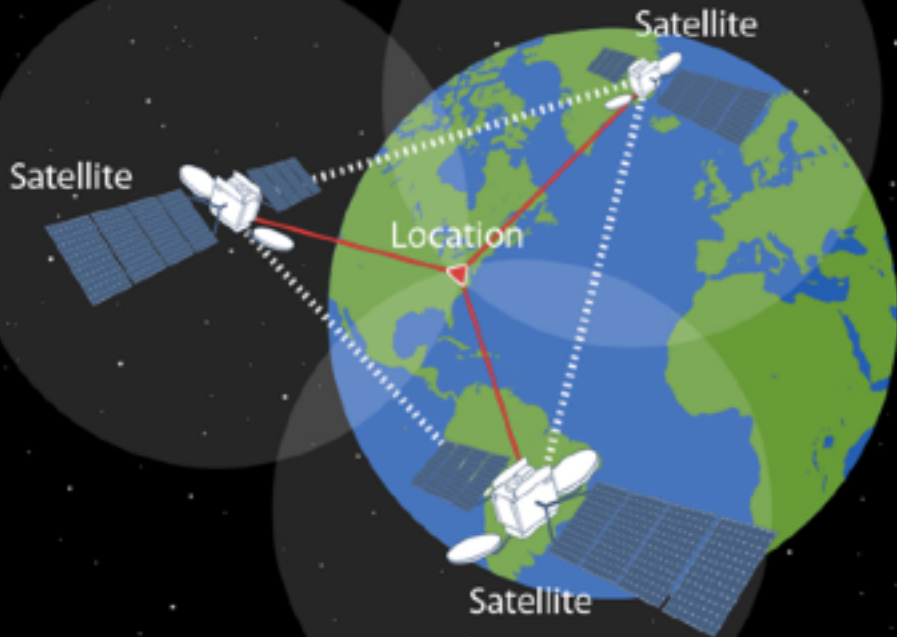


Triangulation



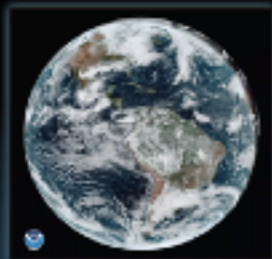


Transforming Energy Into Imagery

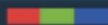
Scans 22 swaths of Earth to create a full disk



Color is assigned to light collected by the satellite, based on the portion of the electromagnetic spectrum the data represents



Combinations of red, green and blue create a representation of what the human eye would see from space



Data is further processed and calibrated



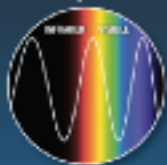
Data is sent to a processing center in binary code, a numeric language that uses only 0 and 1, arranged in eight-character strings



Antenna on the ground receives the data



Computers translate the code into a collection of pixels that form a black and white image



Collects particles of light that are turned into a digital signal

