



## **APPLICATIONS OF SPACE TECHNOLOGY**

# Space Applications

```
graph TD; SA[Space Applications] --> CS[Civil Services]; SA --> CSA[Commercial Space Applications]; CS --> M[Meteorology]; CS --> PLNT[Position Location, Navigation and Timing]; CS --> MNS[Military and National Security]; CSA --> T[Telecommunications]; CSA --> DTSV[Data Transmission Via Satellite]; CSA --> RSE[Remote Sensing of Earth's Surface];
```

## Civil Services

Meteorology

Position Location, Navigation and  
Timing

Military and National Security

## Commercial Space Applications

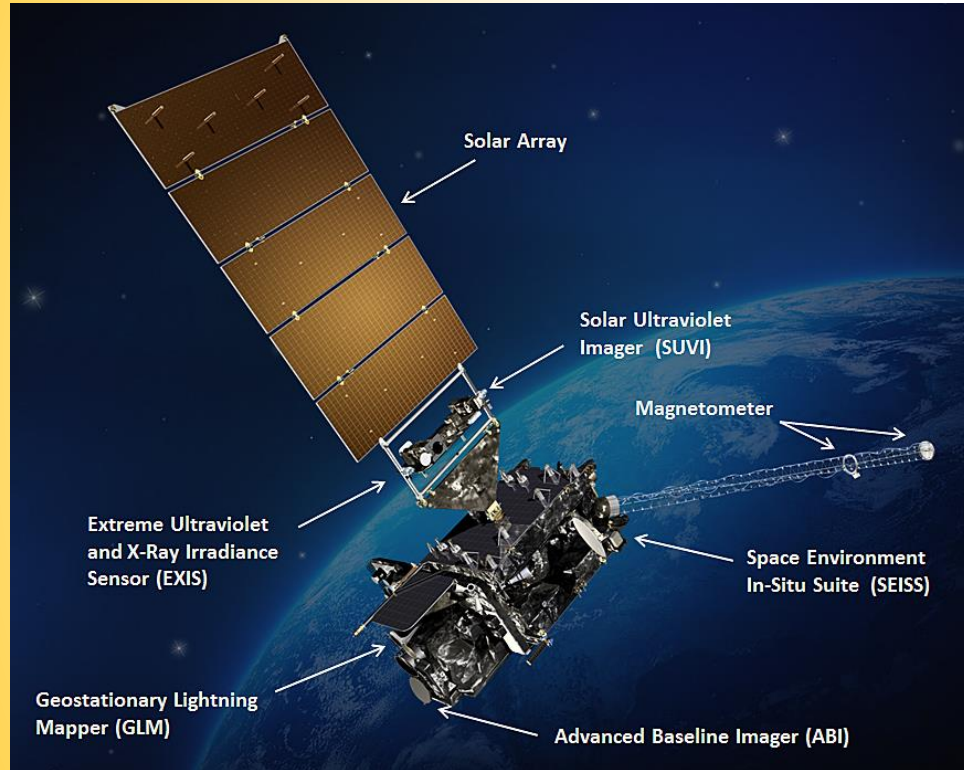
Telecommunications

Data Transmission Via Satellite

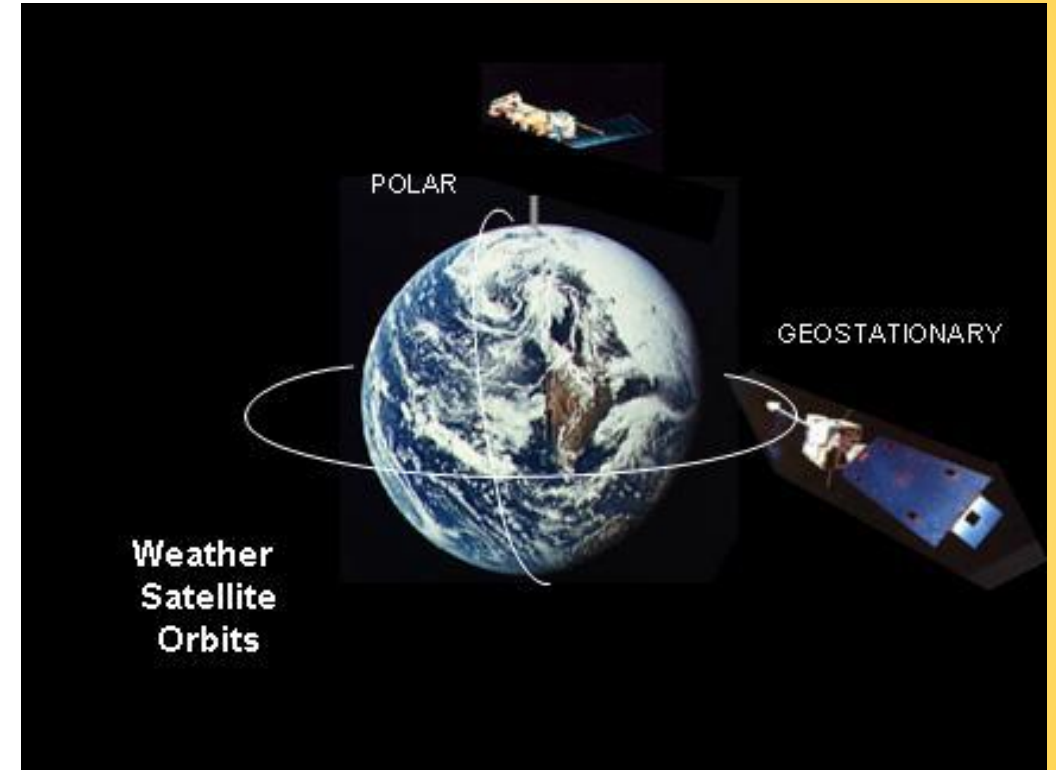
Remote Sensing of Earth's Surface

# Civil Services

## 1. METEOROLOGICAL SATELLITE



*WEATHER SATELLITE*

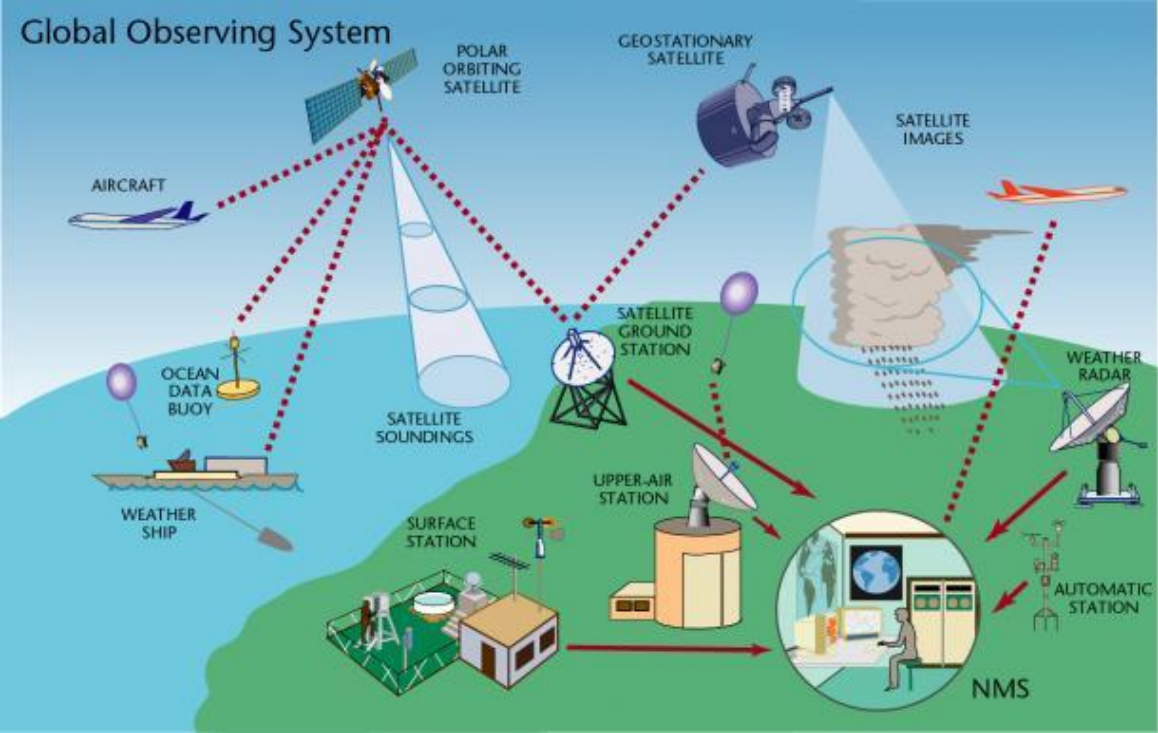


*WEATHER SATELLITE  
ORBITS*

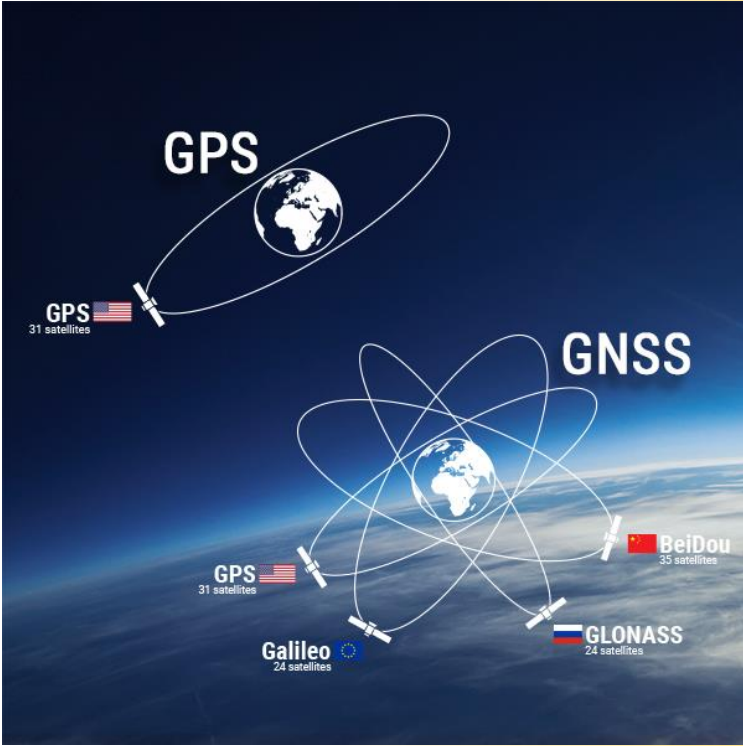


# Civil services

## 2. POSITION, NAVIGATION AND TIMING



*GLOBAL OBSERVING SYSTEM*

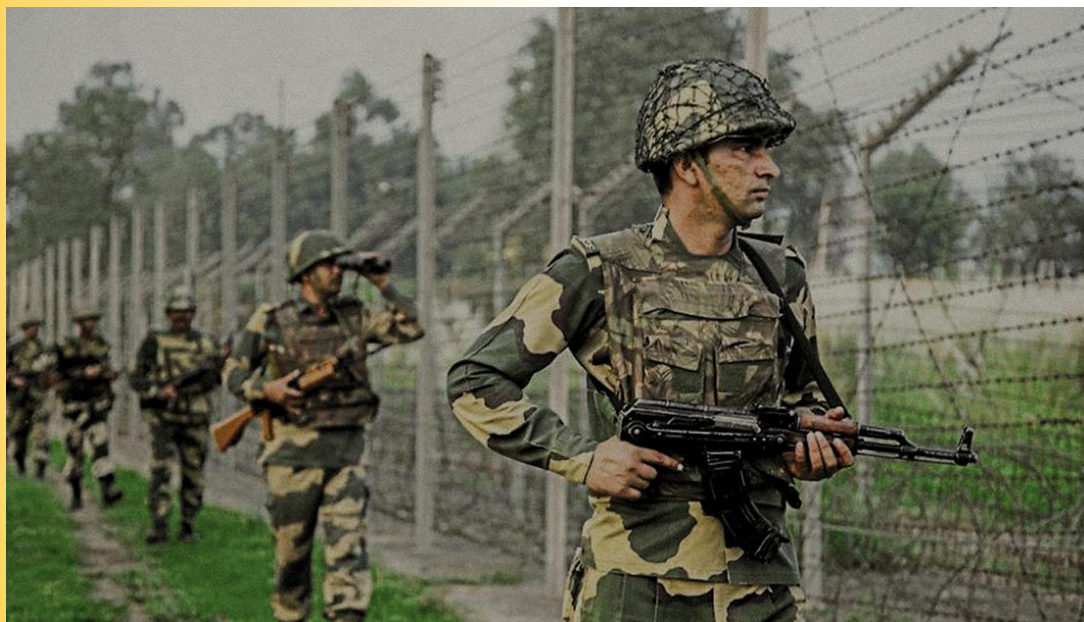


*GLOBAL NAVIGATION SATELLITE SYSTEM AND GLOBAL POSITIONING SYSTEM*



# Civil Services

## 3. MILITARY AND NATIONAL SECURITY



COMPREHENSIVE NATIONAL  
SECURITY STRATEGY

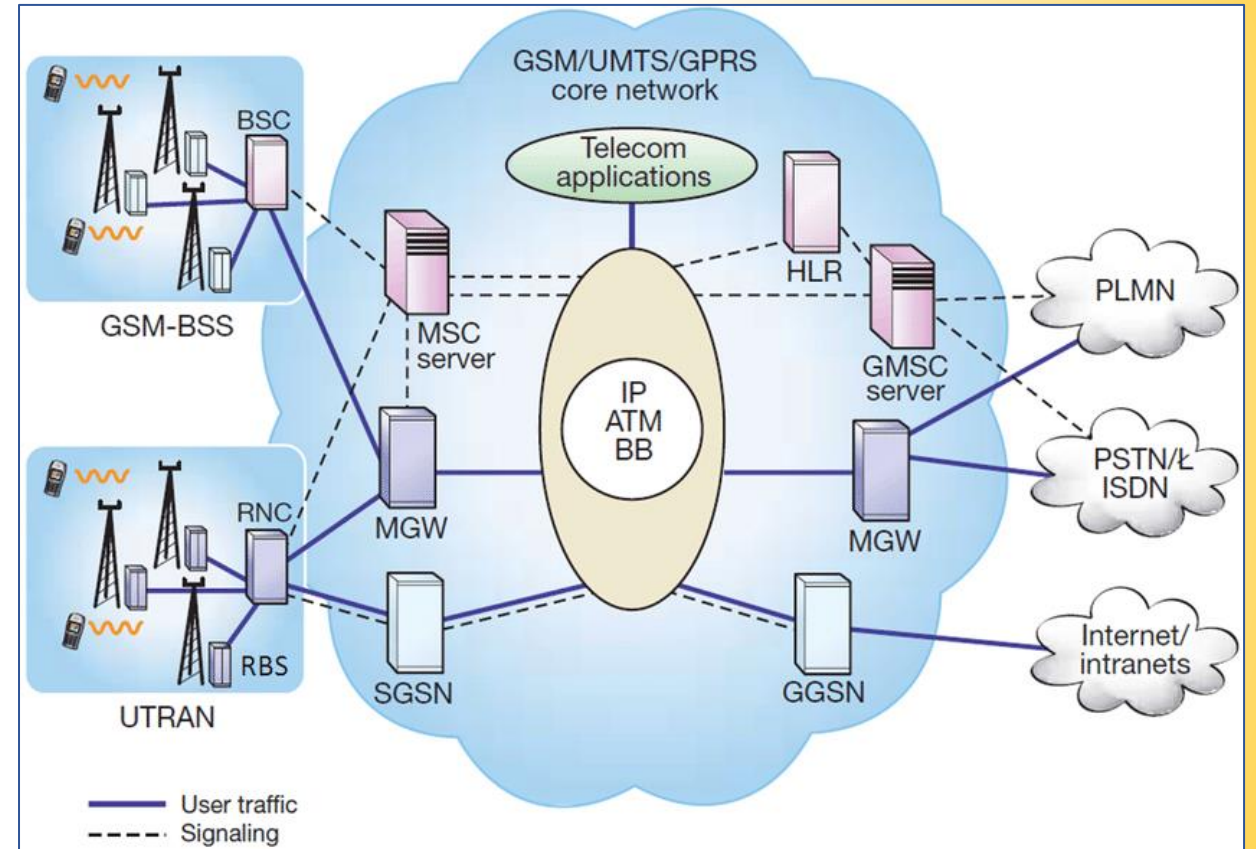


MISSILES



# Commercial Space Applications

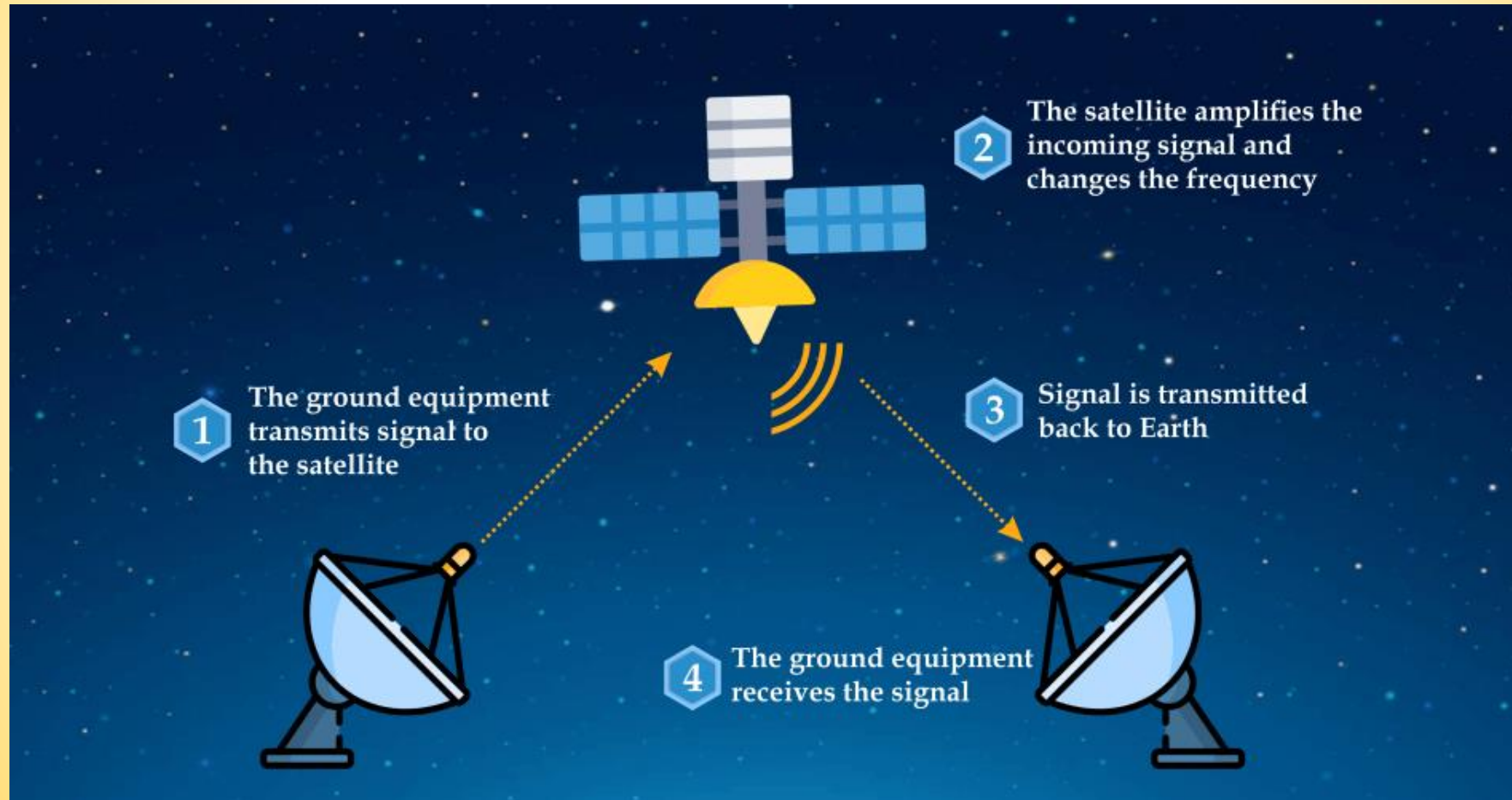
## 1. TELECOMMUNICATIONS



*Telecommunication Network Structure*

# Commercial Space Applications

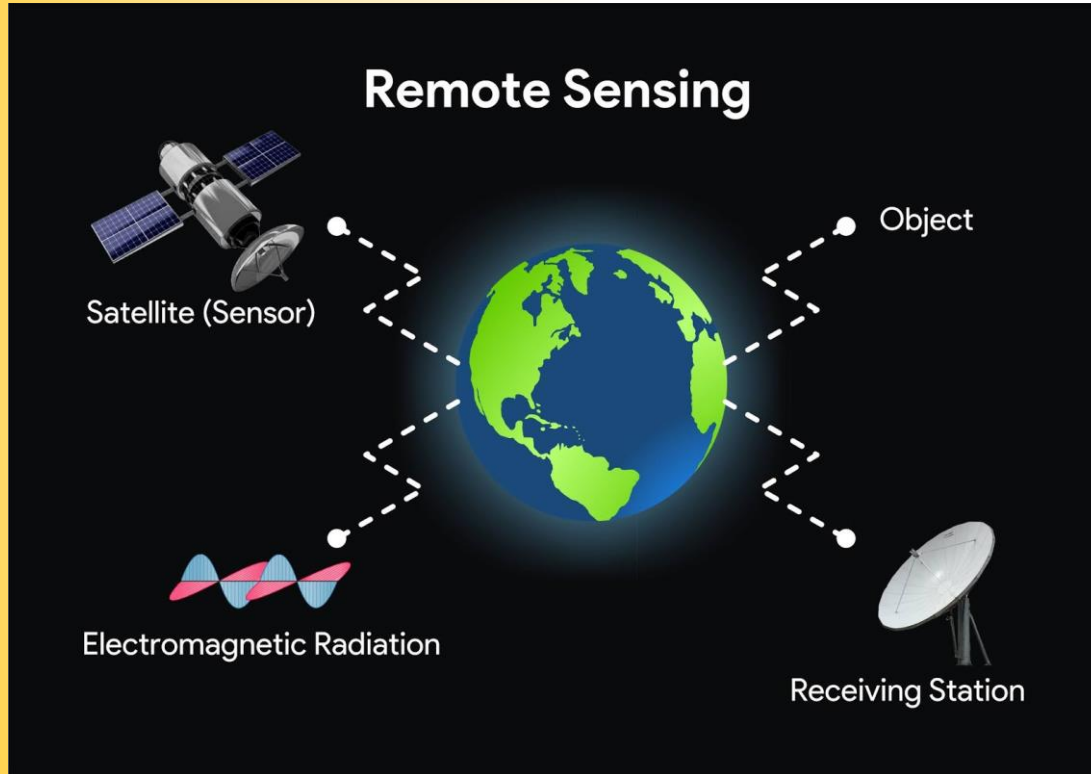
## 2. DATA TRANSMISSION VIA SATELLITE





# Commercial Space Applications

## 3. REMOTE SENSING OF EARTH'S SURFACE

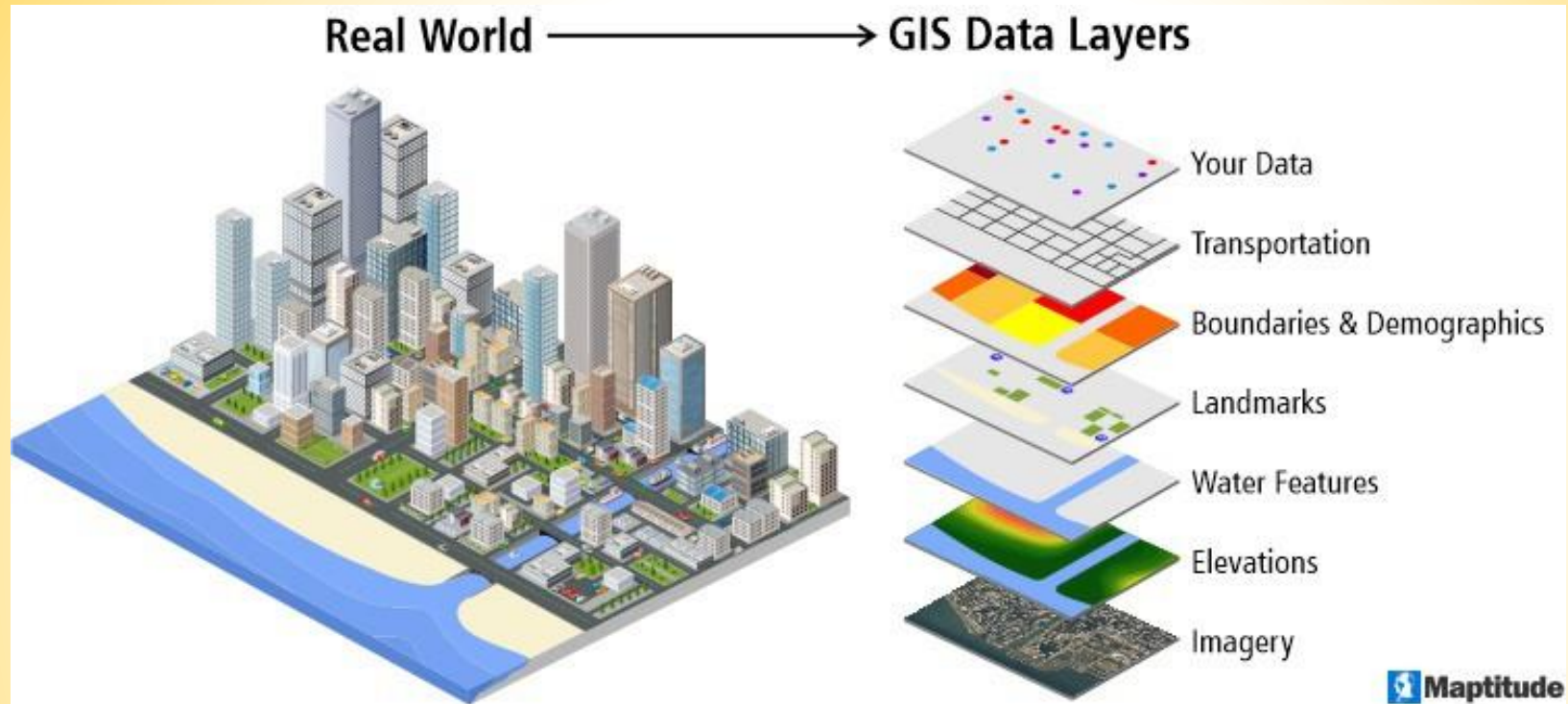


*REMOTE SENSING*



*RADAR REMOTE SENSING*





*How GIS works...*



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