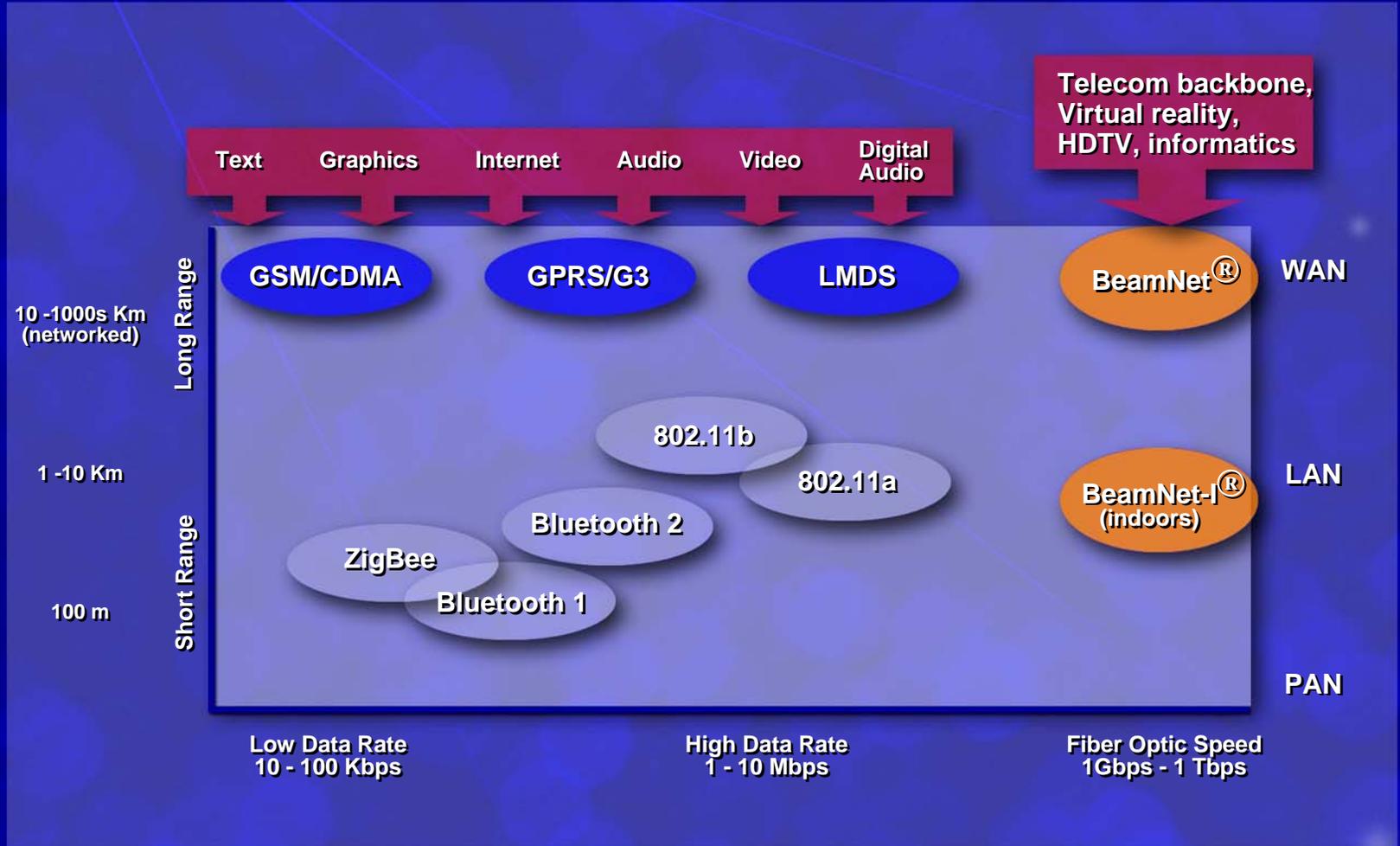


# General Overview

- Seamless interface from free space to a fiber optic infrastructure**
- Track moving objects**
- Network architecture**
- Operate in a variety of weather conditions using millimeter wave auto back-up and distortion compensation**
- indoor, terrestrial, aerial and satellite platforms**

# Current State of the Art vs. **BeamNet**<sup>®</sup>

Features	Current State of the Art	BeamNet <sup>®</sup> Capabilities
Speed	2.5 Gbps – 10 Gbps	10 Gbps – 1 Tbps
Distance	2 – 15 Km	15 Km - unlimited
Interfaces	Electrical	Optical
Architecture	Point to point	Point to multi-point network
Client	Stationary	Moving
Platforms	Terrestrial	Indoors, terrestrial, aerial and satellite
Weather limitations	Fog, snow	Pulse stretching and millimeter backup
Security	128 bit encryption	128 bit public key



# Optimax

## Industries and Applications

education

broadcasting

entertainment

telecom

oceanography

Optical  
LAN's

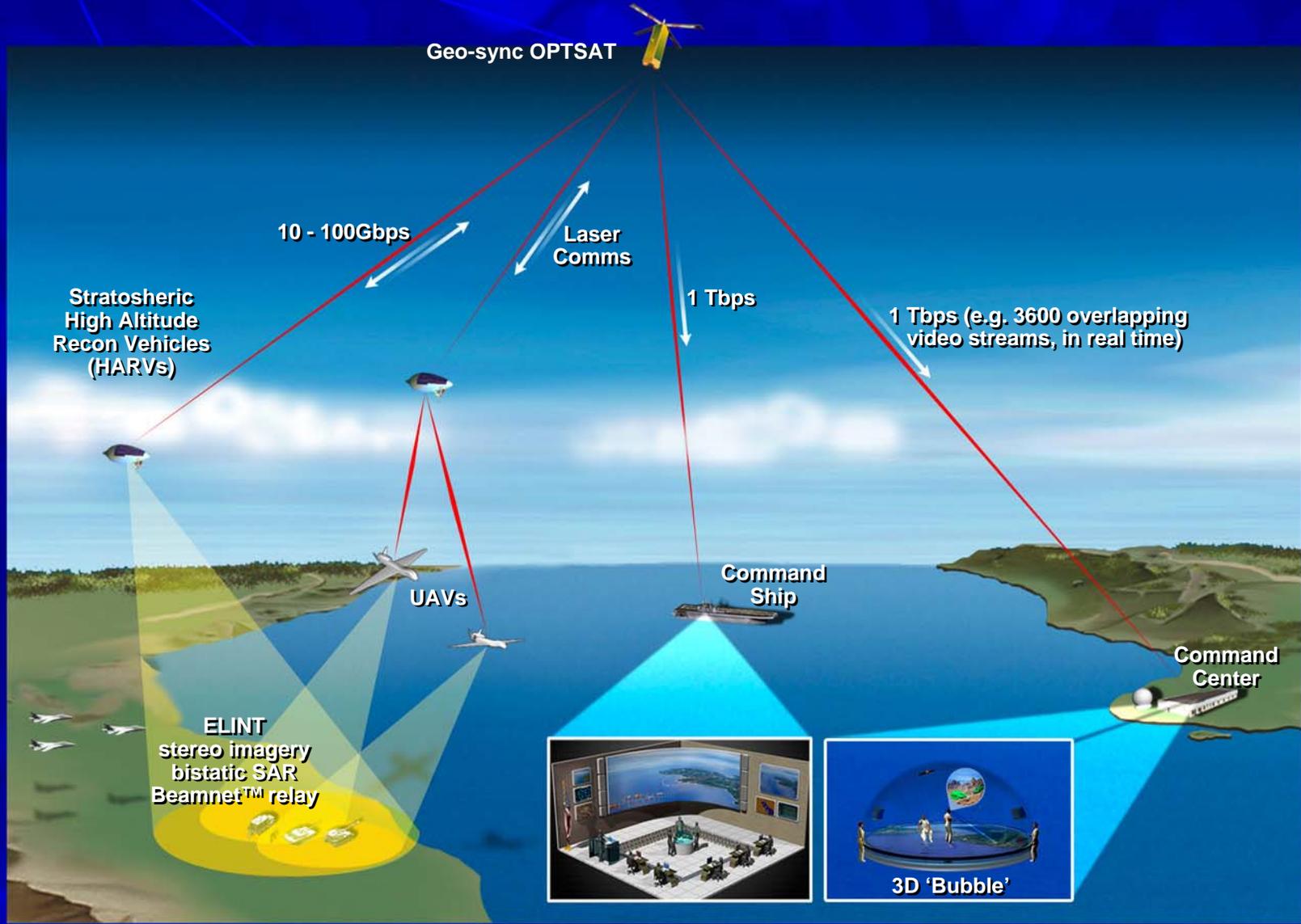
Virtual  
reality

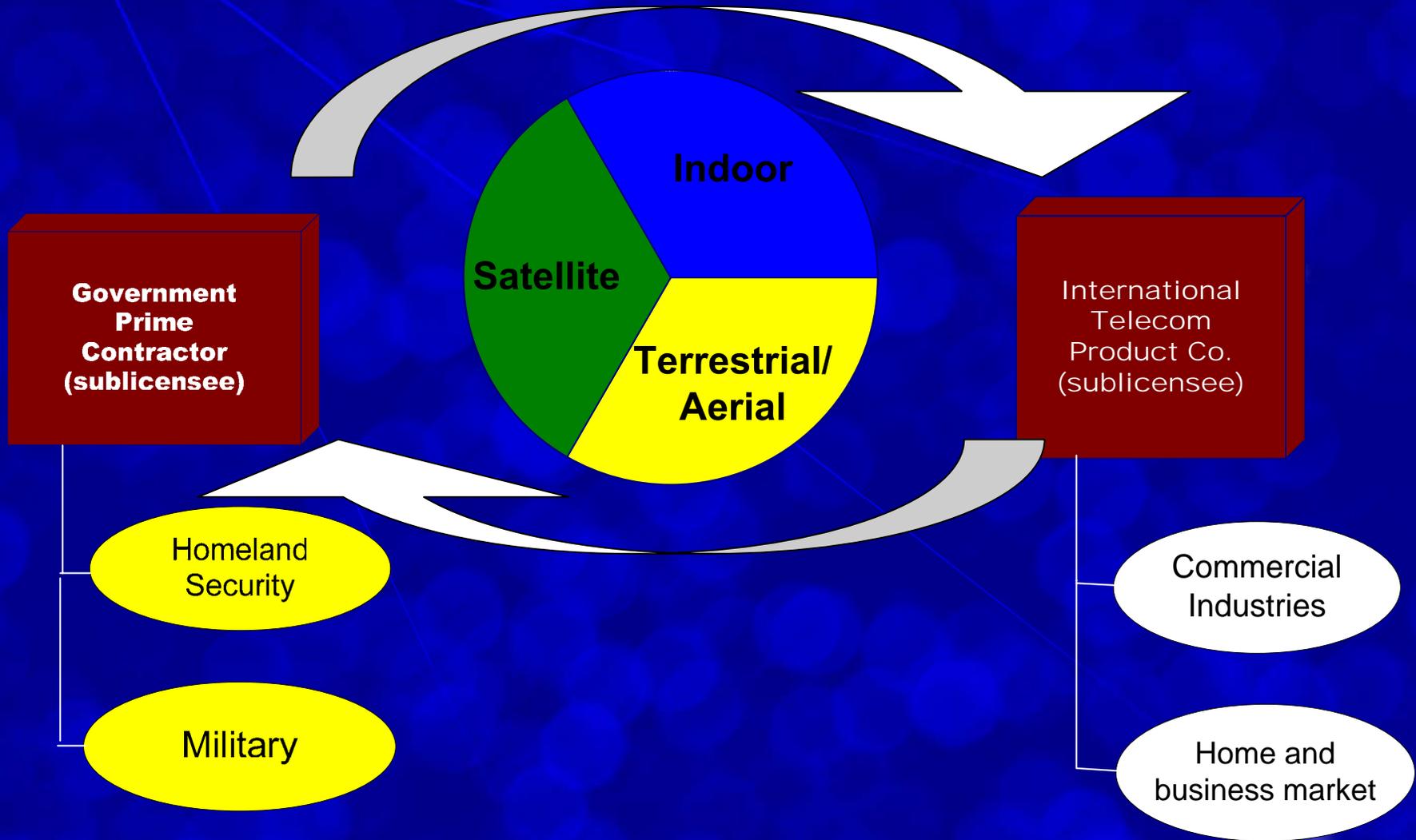
research

medicine

Financial services

**Defense/Homeland Security**







- **Partnering Agreement with FFRDC**
  - indoor prototype
  - aerial prototype
- **DOD (aerial prototype)**
- **Commercial company (aerial prototype and sublicensing agreement)**
- **SBIR proposal submissions**
- **Discussions with optical suppliers, prime contractors**

**World Class Patented Technologies ready for prototyping**

**Seeking customers who can benefit**

**And partners to help us reach those markets**