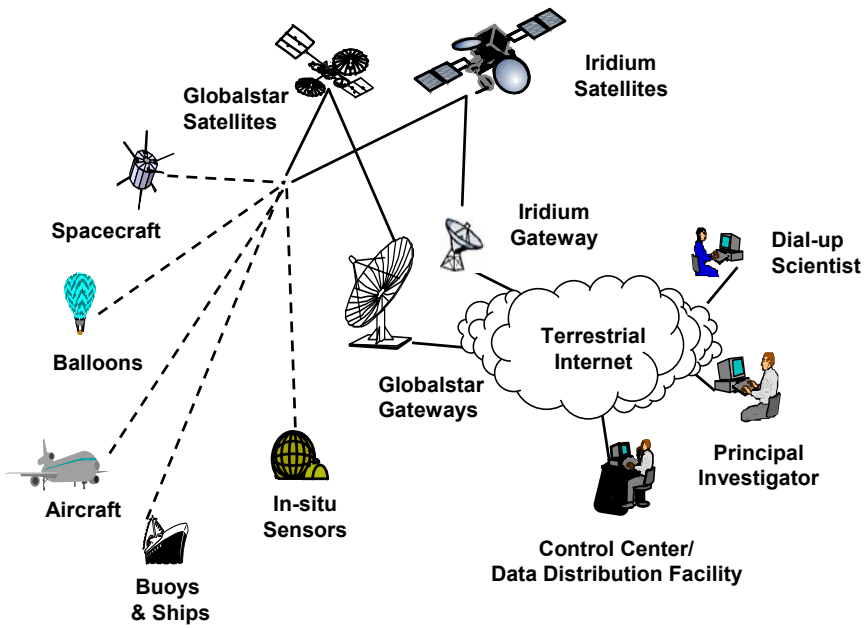
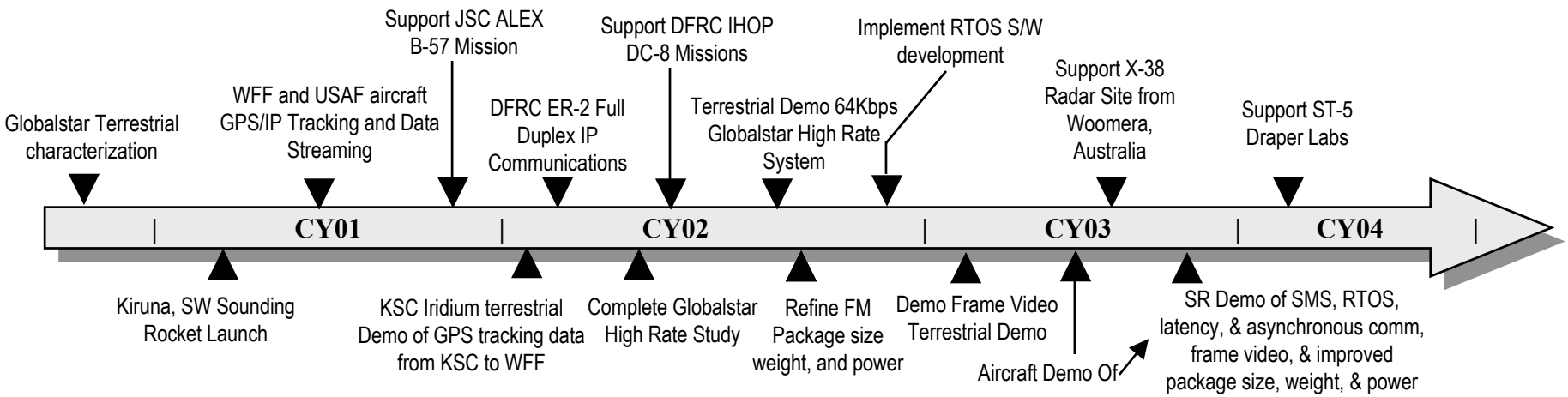
Flight Modem Roadmap

Objective

- Assess, develop, test, and demonstrate COTS Internet technologies that enable cost efficient solutions for Range and Space Operations earth and space science missions.

Products

- Requirements document – Establishing baseline concepts
- Automated S/W solutions for remote data streaming
- Flight Demonstration of FM operations concepts using aircraft, balloons, sounding rockets, TCP/IP, IP remote commanding, proxy server access
- Prototype FM hardware packages customized in size, weight, and power effeciency