

Interputnik in Brief

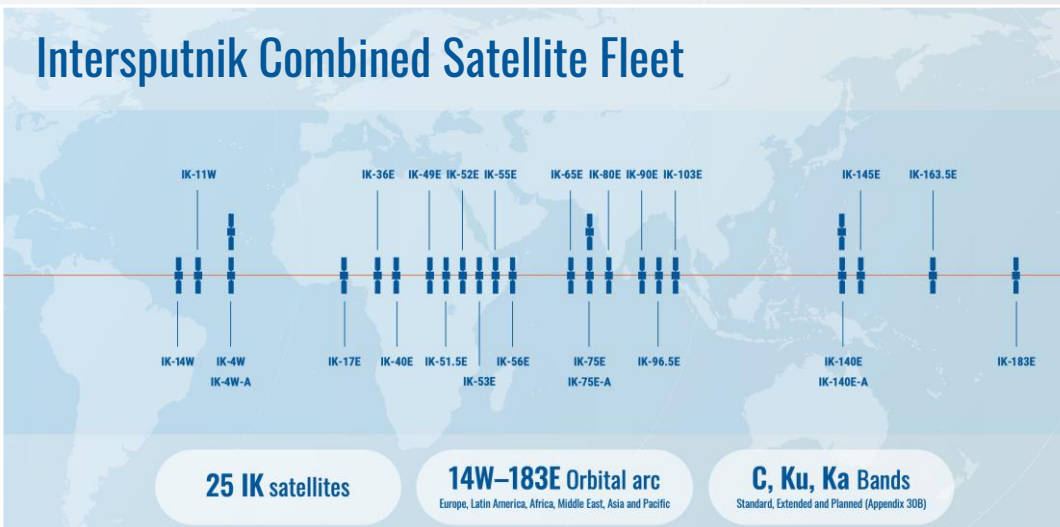
Basic Info

- Interputnik International Organization of Space Communications established in 1971
- Establishment Agreement registered with the UN Secretariat
- 25 sovereign Member states
- 25 Signatories
 - National Satellite Operators
 - Telecommunications Administrations
 - National Telcos
 - National Teleports & Service Providers

Interputnik Service Portfolio

- Satellite Bandwidth Leasing
- Teleport Services
- TV broadcasting
- SatCom Networks
- National satellite procurement projects support
- Sat infrastructure design & deployment
- Consulting & Training

Cooperation with International Organizations



NGSO & IoT markets opportunities

NSGO:

Satellite IoT:

Issues

- SLAs
- EPFD Limits
- ISLs and Sovereignty
- Contribution to national economy

- Various Waveforms & Lack of Standardized Technology
 - LoRaWan / NTN NB IoT/ VHF / Wi-Fi (2.4 GHz) / 400 MHz
- Complexity of Integration and Operation
- High Service Costs

Trends

- Maritime connectivity market must-have
- Aviation is next?
- Service providers bundle mix

- 84% installs address UN SDGs
- Standardization is progressing
- Pricing going down

Opportunities

- Global NSGO + Regional GEO = max projects
- GEO/NSGO smart traffic routing
- 4 business models for LEO
 - CBB
 - IoT
 - D2D
 - Network in Space

- Smart Agriculture/Precision Farming
- Land Transport (roaming)
- Energy
- Climate Change Mitigation
- Disaster Management
- 5G/NB-IoT/AI/ML

