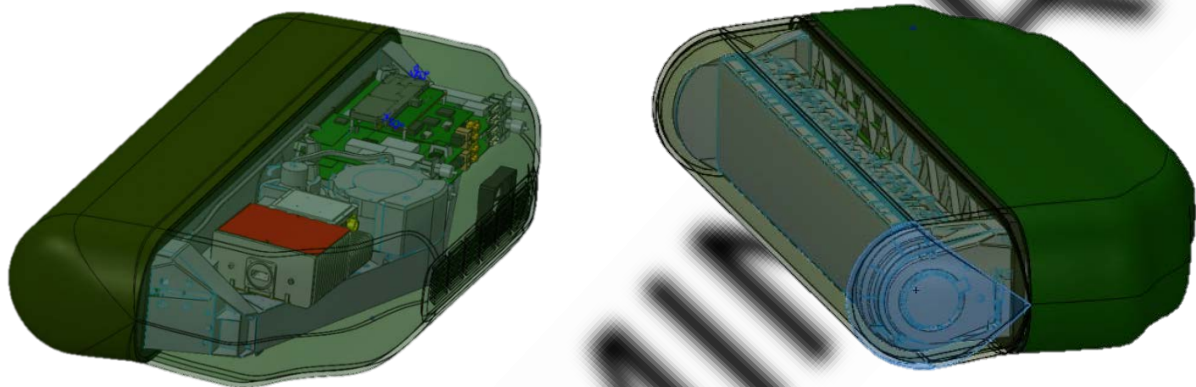


Sat-On-The-Move terminal (Integrated Ib-SOTM)

IBETOR has developed a low profile terminal (~20cm) to respond to high performance communication needs, based on flat antenna technology with array stubs and waveguide feeders. System incorporates an antenna control unit (ACU) developed by IBETOR with highly accurate INS technology to maintain satellite alignment compatible with X and other future bands requirements.

Terminal is compatible with robust modems, such as iDirect or Paradise, being able to interoperate with satellite networks.



- All integrated system:
 - The whole system turns together.
 - All the subsystems are integrated below the radome.
 - TX and RX chain, Modems (up to 2 units), INS, ACU, MCU
 - Saving in cabling, waveguides and other materials
 - Approximate system weight: 60 Kg
- Similar performance to *Ib-SOTM*
 - X Band with 500MHz of instantaneous frequency
 - Low profile: 20cm high
 - G/T: 7-7,5 dB/K
 - EIRP: 42 dBW (with 40W BUC)
- Radome can be fixed to the vehicle or move along with the whole system.