



MOBILE SATELLITE SERVICES TERMINAL

REPORTING TERMINAL

(Handheld Data Reporting Terminal)

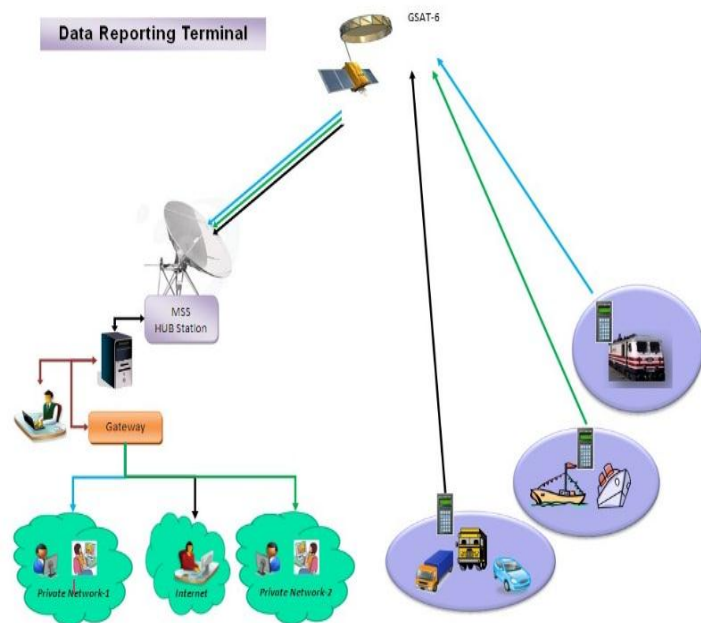
Salient Features

- Support 1.2 Kbps data rate from terminal to HUB
- Small message reporting
- In-built GPS to provide position
- RS232/USB/ Bluetooth user data interface
- Low Power & Weight
- Handheld size: 220 x 88 x 40 mm
- Weight: 450 gm (with battery) 160 gm (without keypad & display)

Specifications

- Single patch antenna having 2.5 dBi gain over ± 45 deg
- Terminal EIRP: -1 dBW at 0.5W power amplifier
- Burst mode transmission rate 1.2 Kbps (Terminal to HUB)
- 1 sec. time slot to accommodate large no of terminal in single carrier
- Rate $\frac{1}{2}$ forward error correction
- BPSK Modulation
- Band width required 3.2 KHz

SAC Technologies



Major Applications

- Terminal to Hub Location
- Reporting
- Data collection platforms
- Short Message Services
- Asset Tracking Services



Technology Transfer

SAC/ISRO, offers to transfer this technology of the **Mobile Satellite Services Terminal - Reporting Terminal** developed by SAC to industries in India with adequate experience and facilities. Enterprises interested in obtaining knowhow may write giving details of their present activities, infrastructure and facilities.

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