

TECHNOLOGIES TRANSFERRED FROM ISRO

TT / 2000 / ISAC

MOBILE SATELLITE SERVICES REPORTING TERMINAL (MSS RT)

(Technology Transferred to BEL and Avantel Softech Pvt. Limited)

Satellite based Reporting Service provides speedy and reliable communications in emergency situations arising from natural and other calamities, accidents on highways etc., and for use by personnel's manning project sites in remote areas, expedition teams, or convoys carrying perishable or sensitive goods. The satellite based MSS RT developed by ISRO is used for sending short messages from any corner of India via satellite to any predefined destination. Messages send in S Band are received at HUB via satellite and then it is decoded and delivered to the desired destination through PSTN. The total communication process can be completed in few minutes. The communication network consists of the five elements in the form of Reporting Terminals, Space Segment on INSAT Satellite, C band earth station as central Hub Station, Public Switched Telephone Network (PSTN) and PC or Fax Machine at Destination

Reporting Terminal Salient Features:

- Terminal is fixed as well as portable
- Can be operated from anywhere in India
- Message length upto 40 characters
- RS-232 Interface for value additions
- Special keys for defined short messages

For further details, please contact:

Director
Technology Transfer & Industry Cooperation (TT&IC)
ISRO Headquarters
"Antariksh Bhavan"
New BEL Road
Bangalore - 560 094



2009