

TECHNOLOGIES TRANSFERRED FROM ISRO

TT / 07 / SAC

Sparse Area Communication System

(Technology Transferred to MIDAS Communications Pvt. Ltd.)

The Sparse Area Communications System (SACS) consists of one Hub and up to 16 Remote Terminals (RT) providing voice and data service to about 1500 subscribers spread over widely separated areas hitherto not covered by existing communication technologies in a cost effective way. The SACS system consists of a Hub and multiple Remote Terminals subsystems connected by a satellite link. The Hub has standard interfaces to PSTN and Internet for voice and data traffic. It also interfaces to a Network Management System (NMS) for control and monitoring of the entire SAC System. The RT uses a 2.4 m Antenna interfacing to a corDECT system for voice and data connectivity and supports a user base of up to 200 subscribers.

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