

ADVANCED TECHNOLOGIES FROM ISRO

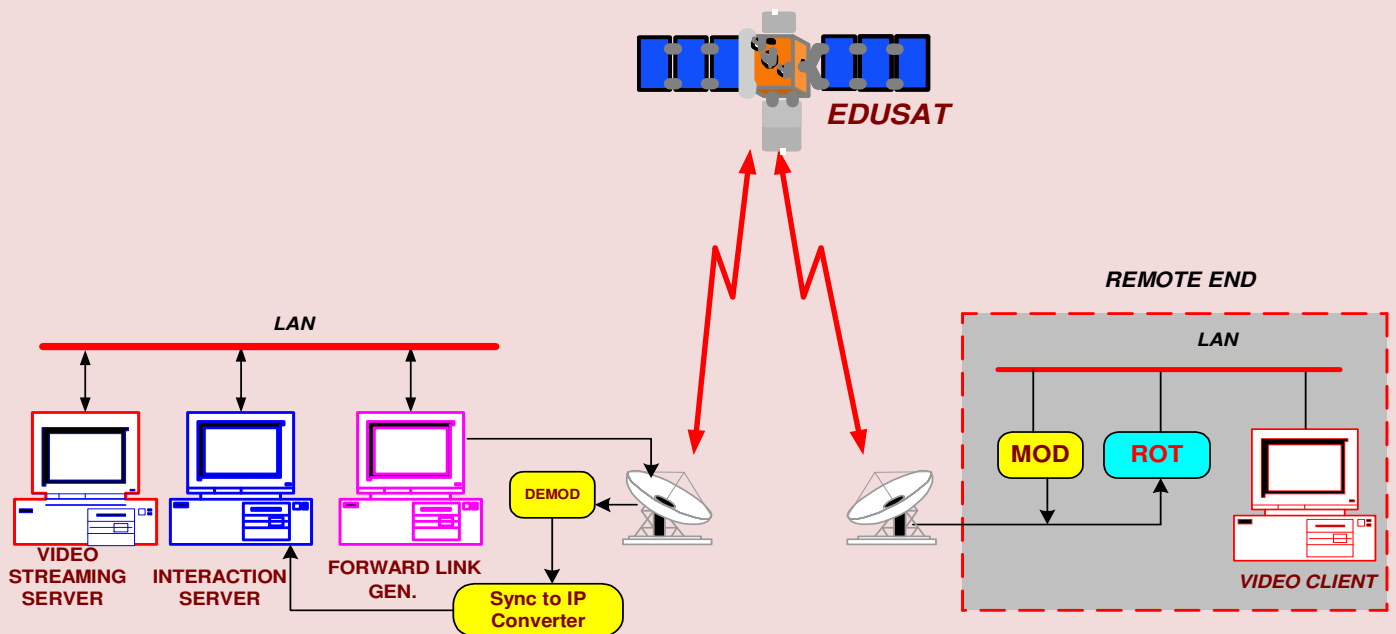
Interest Exploration Note

TT / 09 / 09 / SAC

Satellite based Interactive IP Network (SIIP)

The Indian Space Research Organisation (ISRO) has developed Satellite based Interactive IP Network (SIIP). Satellite based Interactive IP (SIIP) network developed for EDUSAT programme of ISRO is low cost and most suitable for small size broadcasting network requirements.

The IP Interactive network consists of a Satellite with minimum 3 MHz bandwidth , the Network Control Station in the Teaching End, unlimited Receive Only Terminals (ROT) intended to receive the programs and a group of Satellite Interactive Terminals (SIT) for two way audio/video interaction.



SALIENT FEATURES

- Two way Satellite Interactive Network
- Commercial Multimedia IP Broadcast
- Synchronous Distance Learning
- Forward Link based on DVB-S
- Two way audio/ video interaction
- Fully compatible with IP Receiver of different make

APPLICATIONS

- Non interactive e-Learning for Receive only Terminals
- Interactive e-Learning for Satellite Interactive Terminal
- Commercial IP DVB-S Broadcast
- Corporate Training Programs
- Disaster Management Service
- Satellite Based News Gathering

TECHNOLOGY TRANSFER FROM ISRO

ISRO is willing to offer the know-how of this technology to entrepreneurs / industries in India. Capable manufacturing industries in acquiring this know-how may write with details of their present activities, requirements and plans for implementation, infrastructure and technical expertise available with them, their own market assessment, if any, and plans for diversification to the address given below. Alternatively, you can also fill in the response form provided in this website.

For further details, please contact:

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