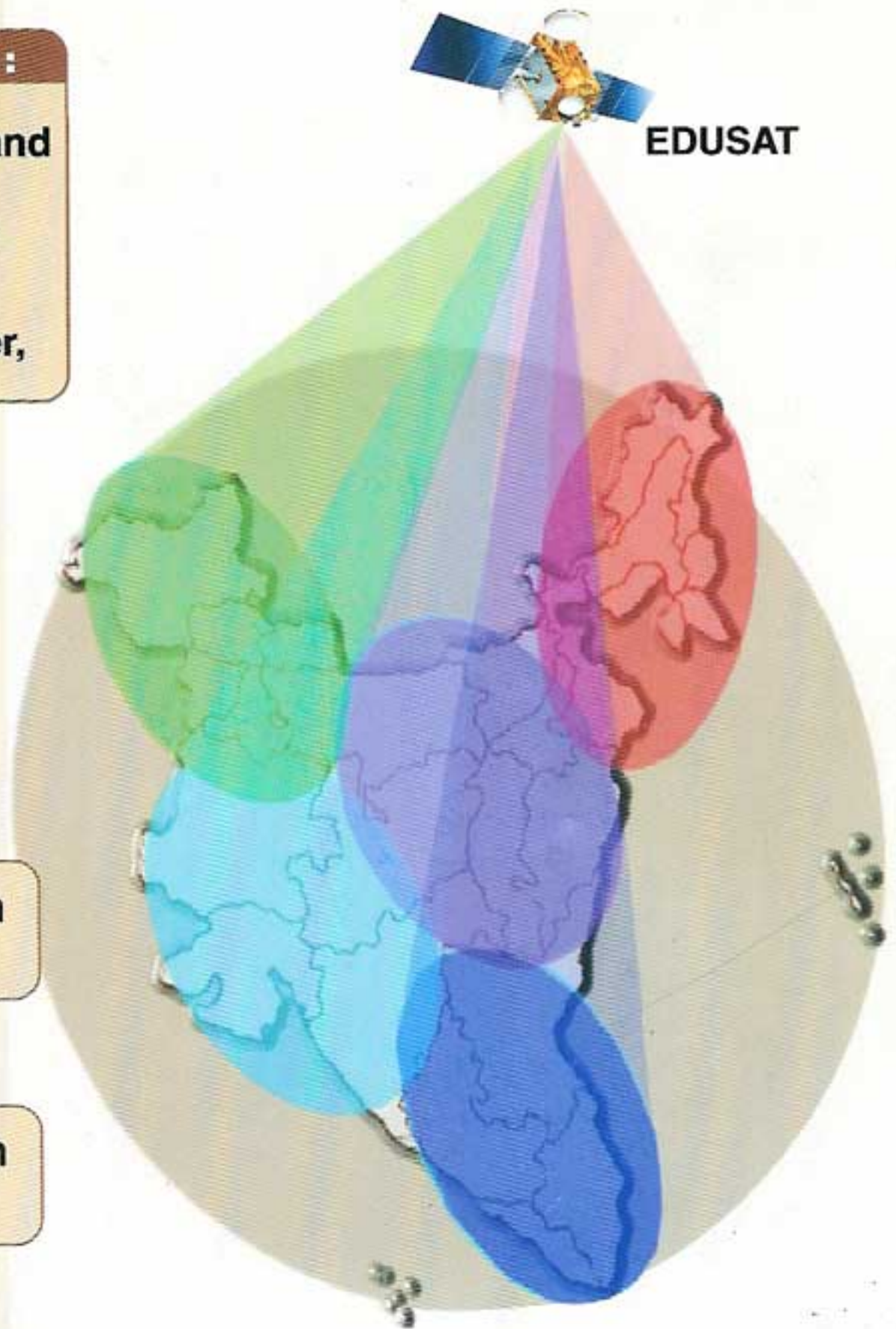


# EDUSAT : A Satellite Dedicated to Education

## EDUSAT SERVICES :

- Education on Demand
- Education to Home
- Web-Browsing through Proxy server,



5 Spot Beams in Ku Band



1 National Beam in Ku Band

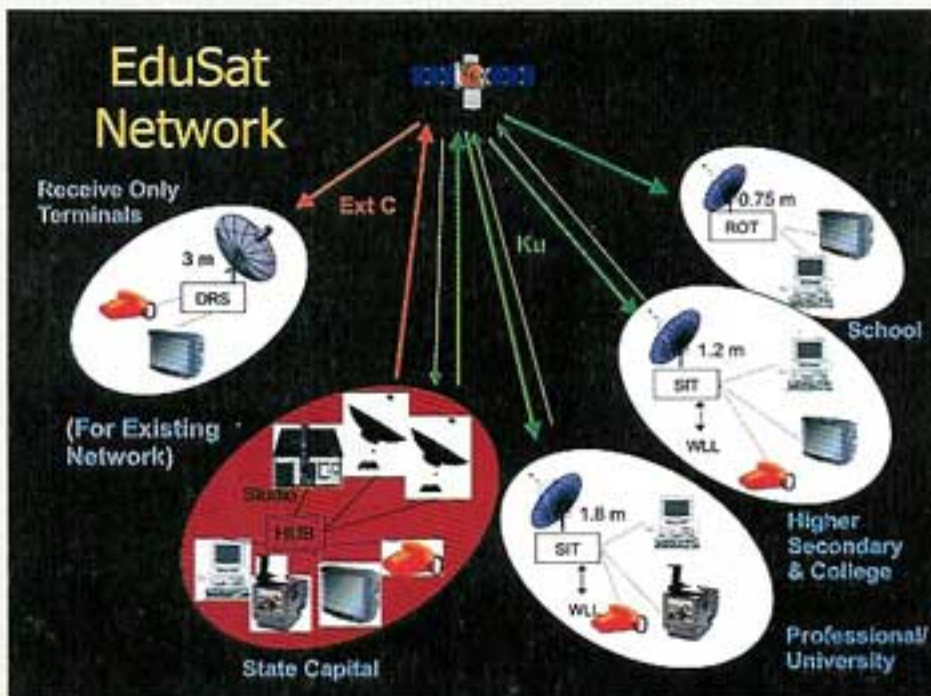


1 National Beam in Ext C Band (6 Channels)

  
**DECU - SAC - ISRO**

## EDUSAT OBJECTIVES :

- To provide support to education through low-cost ground segments
- To reach the un-reached people of India to every nook and corner.

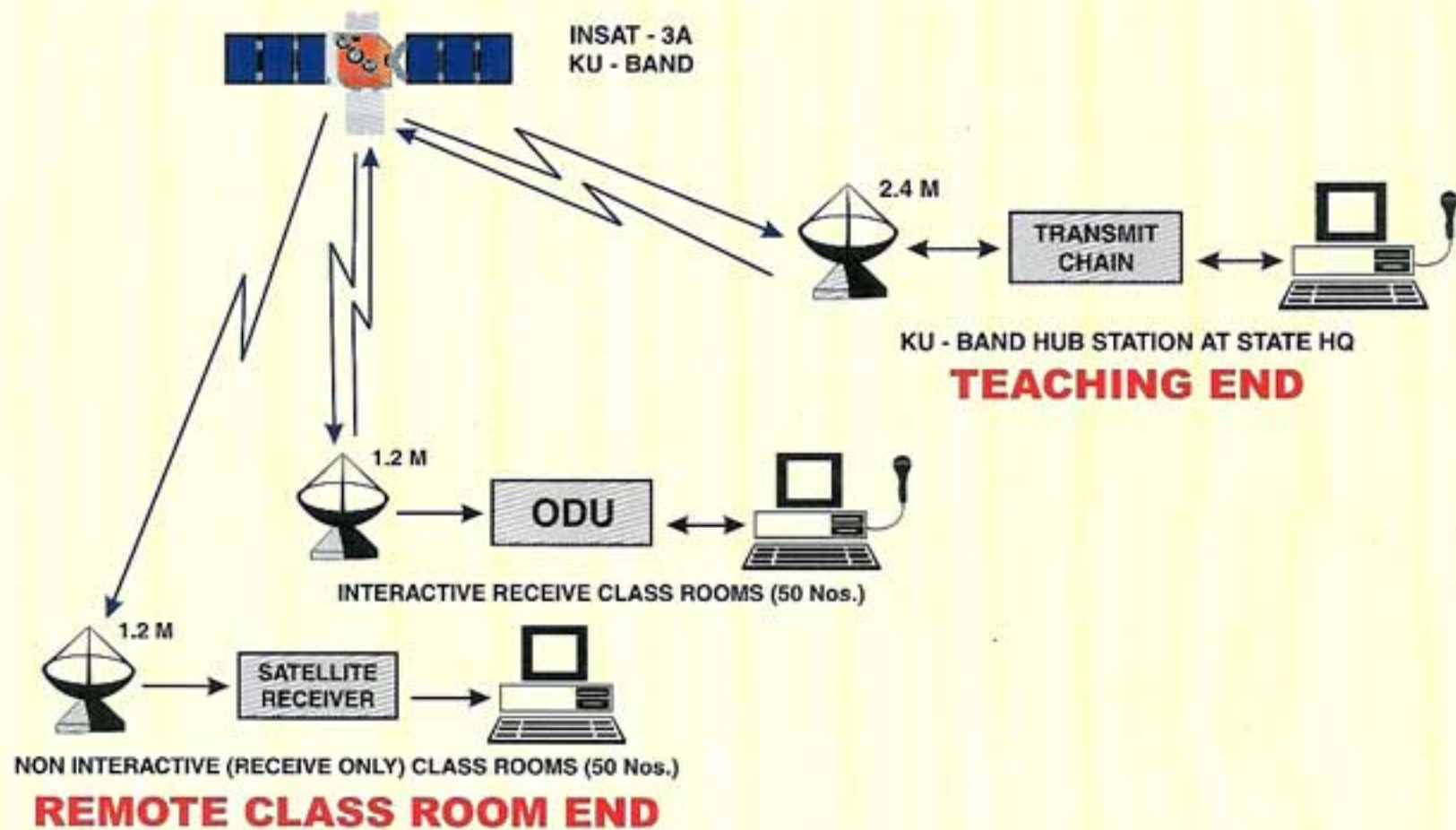


## FEATURES :

- KU BAND OPERATION
- SMALL SIZE LOW COST GROUND HARDWARE
  - De-centralized Teaching center
  - Multiple & Simultaneous Networks
- HIGH BANDWIDTH TWO WAY INTERACTIVITY
  - 384 KBPS From Classroom
- MULTI MEDIA MULTI CASTING
- COSTANT RATE THROUGH PUT
- ADOPTING AN OPEN STANDARD APPROACH FOR EASE OF EXPANSION

## FEASIBLE GROUND CONFIGURATIONS

- 0.7 Meter Ku Band Antenna , Receive only Terminals
- 1.2 Meter Ku Band Antenna , Interactive Terminal (384 KBPS)
- 1.8 Meter Ku Band Antenna , Interactive Terminal (2 MBPS)



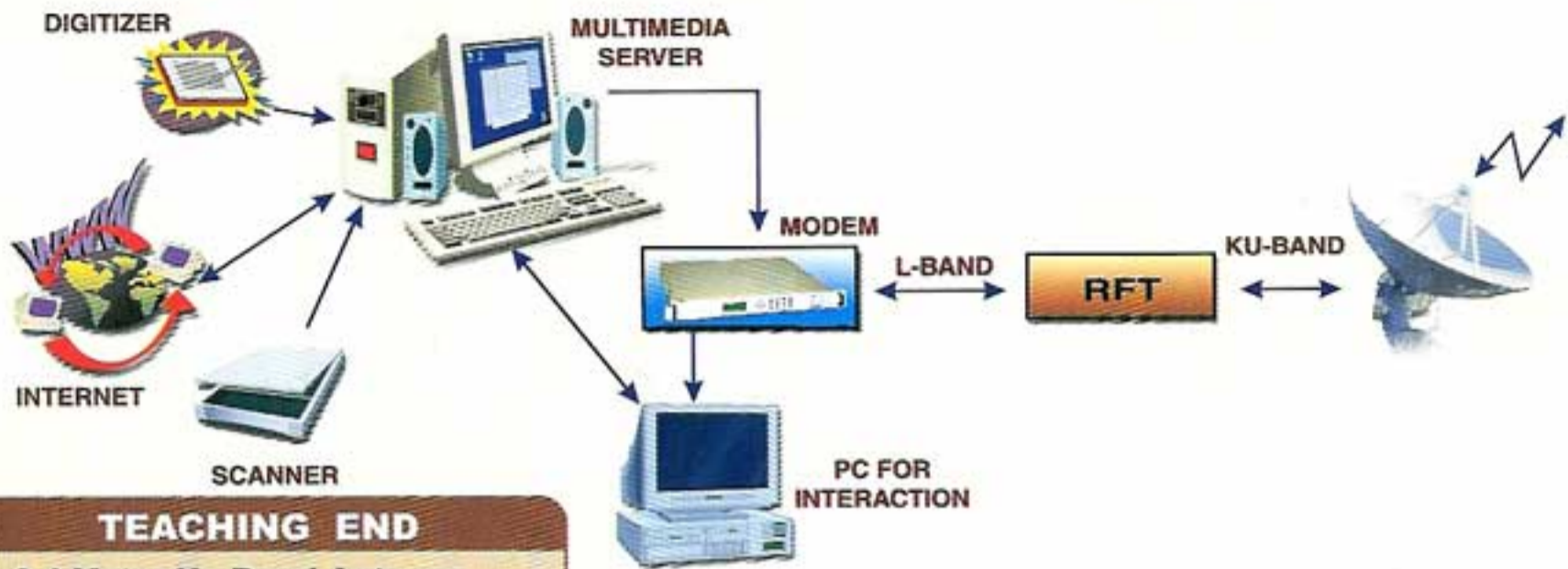
**MAHARASHTRA / MADHYA PRADESH / KARNATAKA**

**PILOT PROJECT TO BE LAUNCHED IN THREE STATES**

- MADHYA PRADESH (RGTU, BHOPAL)
- MAHARASHTRA (YCMOU, NASHIK)
- KARNATAKA (VTU, BELGAUM)

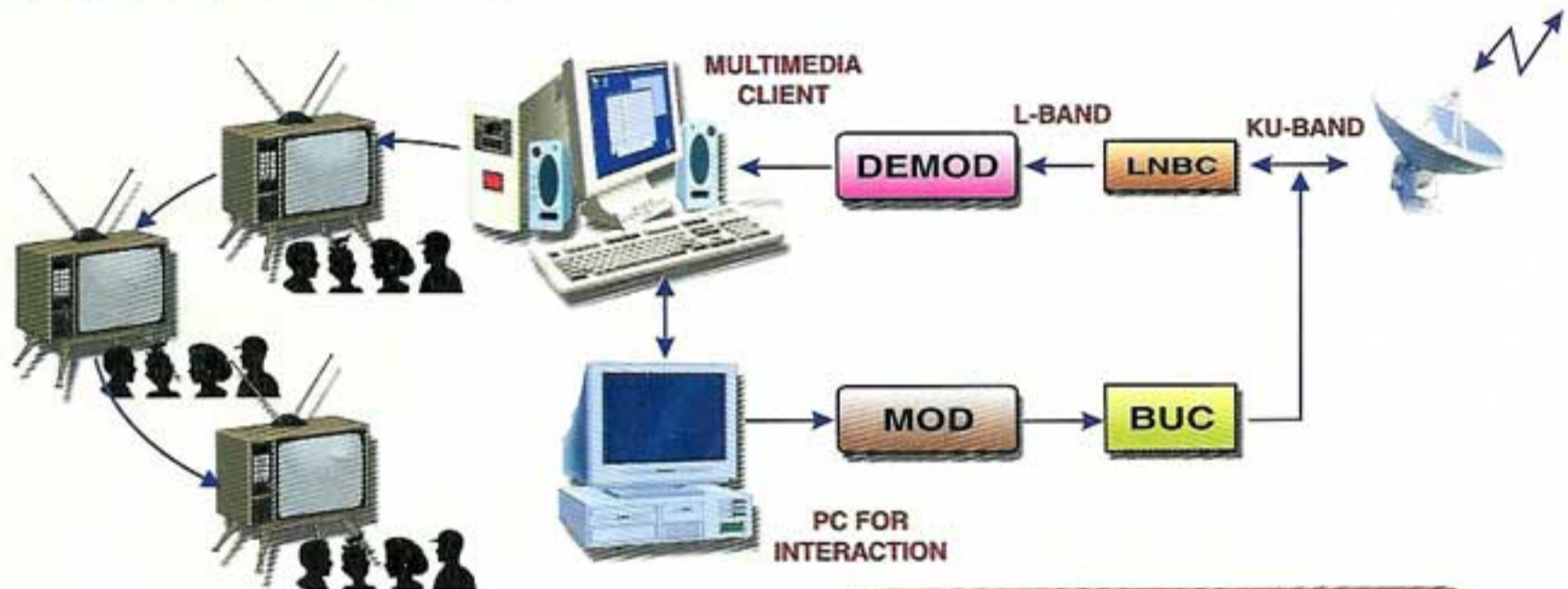
**FEATURES**

- One Way Live Video (Teaching End To Classroom)
- Two Way Live Audio Interaction
- Two Way Web Camera
- Live Screen Capturing
- Glass Pen Facility At Both End
- File Transfer Facility
  - Up To 2 MPBS From Teaching End
  - Up To 128 KBPS From Classroom



### TEACHING END

- 2.4 Meter Ku Band Antenna
- 20 W SSPA
- 61 dBW EIRP
- 24 dB/Deg.K G/T
- Up to 2MBPS Data Transmission
- Low cost Low Infrastructure



### CLASSROOM END

- 1.2 Meter Ku Band Antenna
- 2 W SSPA
- 43 dBW EIRP
- 18 dB/Deg.K G/T
- Up to 128KBPS Data Transmission
- Low cost Low Infrastructure

### Contact :

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 Ahmedabad 380015

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