

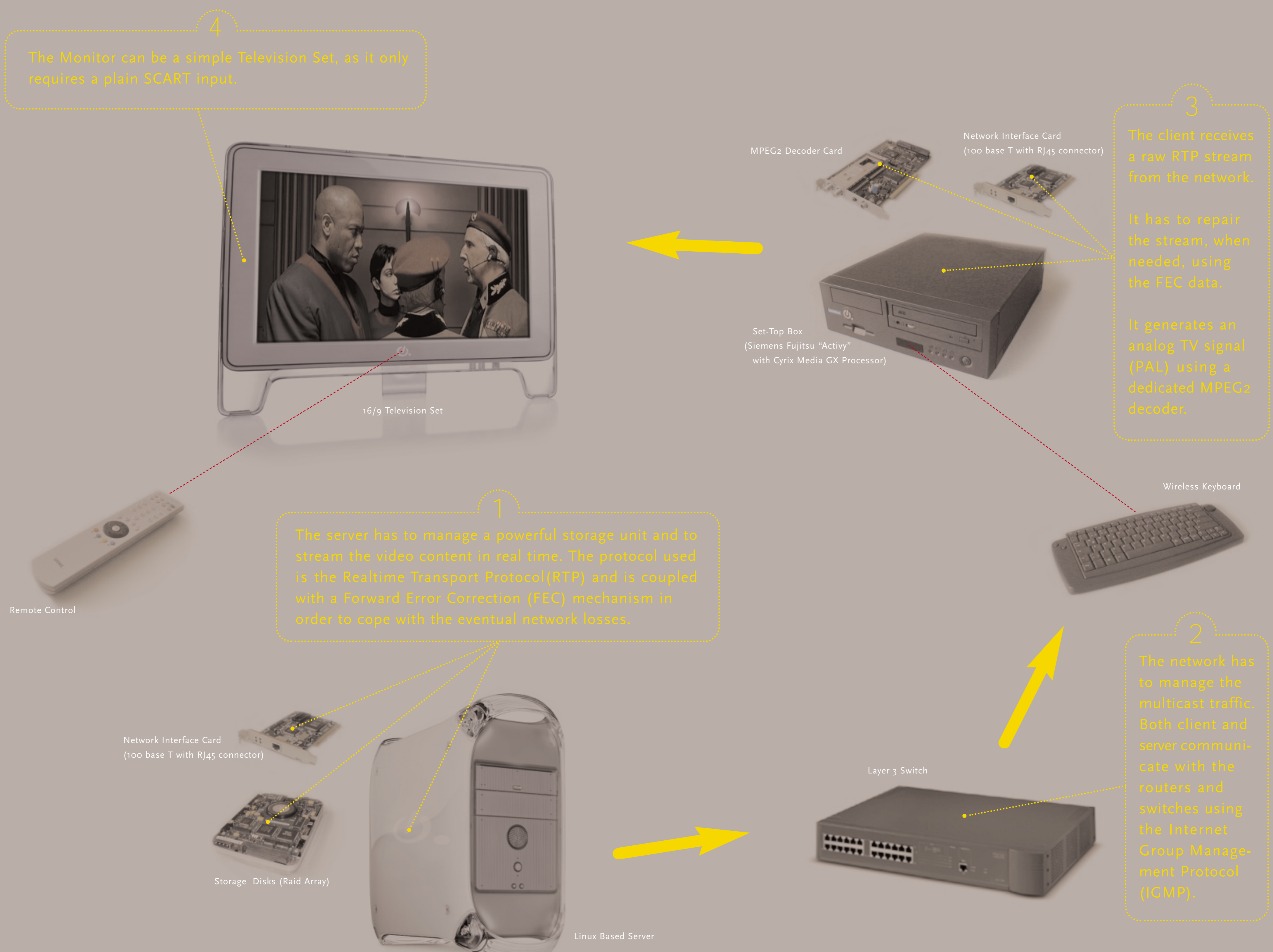
# Audio and Video over IP-Multicast

## a Tasks

- \* study the possibility to stream digital television over IP multicast
- \* implement mechanisms for multicast over unreliable networks

## b Constraints

- \* use RFCs and drafts from the IETF relatives to:
  1. the Realtime Transport Protocol (RTP) and 2. Forward Error Correction (FEC)
- \* use MPEG2 coding from ISO/IEC



## c Results

- \* the scheme works very well for all MPEG2-Bitrates (up to 10Mbit/sec)
- \* the FEC implementation allows to stream with low Quality of Service (QoS) requirements
- \* the use of the Linux operating system makes both client and server cheaper