

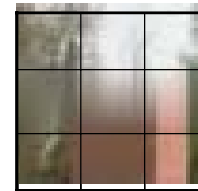
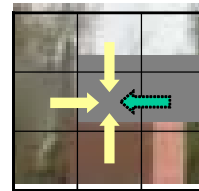
### Application Area:

Error Concealment (ERC) inside the H.264/AVC decoder can recover a considerable amount of corrupted data from a bitstream sent through packetized networks, where UDP-Lite protocol leaves the data payload exposed to errors.

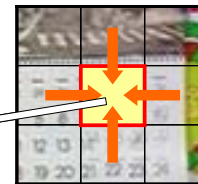
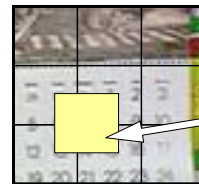
### Features:

- Syntactical control of all code words (CABAC, CAVLC)
- Re-sync in case of errors or data losses
- Buffering and reordering of RTP packets in input
- Slice header reconstruction algorithm
- Adaptive Intra/Inter frame interpolation algorithm of missing MBs
- Scene Change Detection algorithm

### Adaptive Intra/Inter frame interpolation



Intra Frame after a Scene Change,



Inter Frame in absence of Scene Change

### Slice Header Reconstruction

Header concealment on



Slice Header concealment off



Gain up to 5 dB by decoding corrupted packets, instead of discarding them

