RTP media stream

(encoded media, FEC, repair)

RTCP Sender Reports (SRs)

• Timing, synchronization

• Sending rate, packet count

Sender

Receiver

Short-term adaptation

• Error-resilience (NACK, PLI)

• Congestion control

• Adaptive source coding

Long-term adaptation

• Codec choice

• Packetization size

• FEC, interleaving

RTCP Receiver Reports (RRs)

• Rough statistics

• Congestion cues

RTCP XRs:

• Detailed Statistics

• Dejittering, sync, playout

• Monitoring + reporting

• Event notifications

• Local error concealment