

RTP media stream (encoded media, FEC, repair)

RTCP Sender Reports (SRs)

- Timing, synchronization
- Sending rate, packet count

Sender

Receiver

RTCP Receiver Reports (RRs)

- Rough statistics
- Congestion cues

RTCP XRs:

- Detailed Statistics

- Dejittering, sync, playout
- Monitoring + reporting
- Event notifications
- Local error concealment

Short-term adaptation

- Error-resilience (NACK, PLI)
- Congestion control
- Adaptive source coding

Long-term adaptation

- Codec choice
- Packetization size
- FEC, interleaving