Streaming platform ingest settings

What each platform accepts from your encoder, from its own documentation

VIRTUAL STUDIO EVENTS

Platform	Ingest	Max picture	Video bit rate	Keyframe	Audio	Limits and gotchas
YouTube Live	RTMPS (recommended), RTMP; HLS for HDR	2160p60	1080p30 H.264: min 5, rec. 14 Mb/s. 1080p60: min 6, rec. 17. HEVC/AV1 lower	2 s (max 4)	AAC or MP3, 44.1 kHz, 128 kb/s stereo	No low-latency mode at 4K. CBR
Vimeo	RTMP, RTMPS	1080p; output 30 fps on Pro/Studio, 60 on Enterprise	Up to 5 Mb/s (Pro, Studio), 9 Mb/s (Enterprise)	3 s	Not stated	12 hours a stream. Pro/Studio turn 1080p60 into 1080p30
LinkedIn Live	RTMPS (preferred), RTMP	1080p30, 16:9	Max 6 Mb/s	2 s	AAC, 48 kHz, max 128 kb/s	Needs approval to broadcast. 4 hours max. Discarded if not started within an hour; times out after 120 s with no data
Microsoft Teams (RTMP-In)	RTMP, RTMPS; town halls also SRT	1080p, at least 29.97/30 fps	720p up to 5 Mb/s CBR; 1080p up to 10 Mb/s	2 s	AAC-LC, 192 kb/s, 48 kHz	Needs 29.97/30 fps or above, so a 25p show needs a 30p encode for Teams. Admin must allow RTMP in the meeting policy. Ingest moves to new endpoints and ports 50118/50119 by end 2026. Teams live events retired 30 June 2026
Zoom (SRT into Webinars/Events)	SRT	1080p30	Upload at least 6 Mb/s for 1080p30, plus 20-30% headroom	1-2 s	AAC 128-192 kb/s, 44.1/48 kHz	Needs Webinars Plus or Zoom Events licence and a recent desktop app. Two URLs for redundancy
X Media Studio	RTMP, RTMPS, HLS	1080p30 (720p60 recommended)	Rec. 9, max 12 Mb/s	3 s	Max 128 kb/s	Scheduled broadcasts max 6 hours
Amazon IVS (standard)	RTMPS, RTMP (if enabled), SRT	1080p60	Up to 8.5 Mb/s	2 s (1 s for lower latency)	AAC-LC 96-320 kb/s, max 2 ch	H.264 Main, CBR. Used for private event pages
Facebook	RTMPS	Meta's help pages weren't readable for this check. Its developer example uses 1080p30, 6 Mb/s, 2 s GOP, AAC 48 kHz. Check the live producer screen before the show.				Indicative only

One profile that suits nearly all

- [ ] H.264, 1920x1080. UK shows 25 fps; US shows and Teams 29.97
- [ ] CBR, keyframe every 2 seconds
- [ ] 5 to 6 Mb/s if LinkedIn or Vimeo Pro is a destination, otherwise 8 to 10
- [ ] AAC-LC, 48 kHz stereo, 160 to 192 kb/s
- [ ] RTMPS where offered; SRT where offered and the line is lossy

Redundancy and multi-destination

- Two encoders, two internet paths, two ingest URLs where the platform gives them (YouTube backup, Teams second stream, Zoom's two SRT URLs).
- Test failover in rehearsal: pull the main stream and watch what viewers see.
- Sending to several platforms from the venue multiplies your upload. A cloud restreamer takes one stream in and sends many out.

Before every show

- [ ] Keys and URLs copied from the platform on the day, not from last month's email
- [ ] Private test stream watched on a phone on 4G
- [ ] Encoder dropped-frame counter at zero for ten minutes
- [ ] Platform admin with authority on comms

Sources. YouTube encoder settings · Vimeo encoders · LinkedIn Live (Microsoft Learn) · Teams RTMP-In · Zoom SRT · X Media Studio Producer · Amazon IVS. Checked 9 November 2026.

Watermarked preview. Get the clean file free at www.virtualstudio.events/tech-streaming-platform-specs.html