



Technical specifications

24/7 live linear playout with ad management and automation

Reflects LTN Schedule 10.3 · Updated October 2026

A brief technical note

LTN Schedule is a cloud-based scheduler and playout engine. It gives customers simplified workflows for creating 24/7 linear channels from library content and live elements, and for monetizing those channels with automated ad signaling. Schedule runs on LTN’s managed infrastructure and is operated entirely from the browser.

Schedule is designed to fit into industry-standard workflows, from cloud storage and traffic systems to CDNs, FAST platforms, and broadcast distribution, and it is complemented by LTN’s range of services and solutions. Please speak with a solution architect for any questions about LTN Schedule or other LTN services.

At a glance

Ingest content and live	Upload or import media, connect existing cloud libraries, and ingest live feeds from multiple sources.
Create linear programs	Mix VOD and live, loop folders, sequences, or the whole rundown, trim assets, edit metadata, and import rundowns via XML or BXF.
Monetize content	In-band SCTE-35, ad triggers on social video platforms, scheduled ad-break events, and EPG feeds for FAST.
Automate operations	Automation Rules, REST API, webhooks, and Stream Deck control.
Publish everywhere	Up to 10 simultaneous destinations in multiple formats, including adaptive bitrate HLS for CDNs.

Content planning

Input file formats	.mp4, .ts, .mkv, .flv, .mxf, .mov, .mpg, .mpeg, .m2v, .avi.
Video input	H.264 (all levels and profiles); H.265/HEVC supported (test your house format first). Up to 8-bit color (10-bit/HDR on request), max. 100 Mbit/s. Tested: 720p/i and 1080p/i at 25 to 60 fps, 2160p at 25 to 60 fps.
Audio input	AAC, AC3, PCM, MP3.
Captions	Embedded CEA-608/708 preserved from file and live inputs to output; sidecar captions (.scc).
Upload methods	Browser upload with no size limit, SFTP with XML metadata sidecar (incl. trim in/out), HTTP(S) media import, external library import, dynamic MRSS feeds.
Live ingest	LTN Network, SRT (MPEG-TS) listener/caller, RTMP push/pull, HLS pull. Failover and secondary streams per live input.
External libraries	AWS S3, Azure Blob Storage, Google Drive, Google Cloud Storage, Dropbox, Wasabi, SFTP, FTP, Sony Ci Media Cloud; Schedule Connected Library.
Rundown import	Full rundown import as XML with linked assets and timings; rundown templates; BXF playlists (e.g. Mediagenix, WideOrbit, Meyers ProTrack), incl. SFTP watch folders to overwrite, append, or insert.
Reuse content	Record live streams and the program output for re-runs, with automatic transfer to SFTP or Sony Ci; loop elements, folders, sequences, or the whole rundown; set asset expiry dates.

Edit and monetize the broadcast

Library	Folders, search, filters, custom fields, color tags, sequences, placeholders, and asset expiry.
Rundown editing	Drag and drop with move or overwrite, trim, hold, lock, skip, undo/redo, templates, notes, and gap alerts. Table, calendar, and timeline views; multi-user sessions.
Live operations	Breaking Live with bumpers, low-latency manual skip, Flexible Playback jumps, Control View for mobile devices.
Graphics	Graphical Template Overlay (SPX/HTML5) up to 1080p and 60 fps, with dynamic data via API; HTML and PNG image overlays; website audio mixed to program.
Ad signaling	In-band SCTE-35 on TS outputs (SRT, HLS), using splice_insert or time_signal profiles as required by platforms such as Sling, Fubo, Kiswe, and Roku. SCTE-35 cues in HLS manifests.
Ad events	Ad-break events on clips, sequences, live streams, and gaps, with playback delay and fallback; manual ad trigger; API ad triggers on YouTube, Facebook, Twitch, and Brightcove.
Automation	Automation Rules triggered by SCTE-35 cues or API calls, with pre-roll offset and graphics layer control; webhooks on events, publishing, and element switches.
EPG and logs	Real-time EPG via HTTPS URL (XMLTV, Samsung TV Plus, Roku); as-run logs incl. BXF and WideOrbit.

Publish and monitor programs

Destinations	Up to 10 simultaneous: LTN Network, SRT listener/caller, RTMP push/pull, HLS push/pull.
Platform connections	OAuth for YouTube, Facebook, Twitch, and Brightcove, without sharing credentials.
Video output	H.264 up to 1080p60 (4Kp60 on request), configured at delivery. Horizontal 1920x1080 to 426x240; vertical 1080x1920 and 720x1280. 25, 29.97, 30, 50, 59.94, 60 fps. GOP 1 to 20 s. CBR 0.1 to 20 Mbit/s. Progressive, TFF, or BFF. Output scaling.
Audio output	Stereo AAC, AC3, or MP2; 5.1 AC3; 44.1 or 48 kHz; 64 to 320 kbit/s; per-PID audio bitrate; multichannel routing.
Adaptive bitrate	Multi-bitrate HLS with 6 renditions (1080p to 270p, horizontal and vertical) for CDNs such as Akamai, Fastly, and CloudFront. Segment length 2 to 10 s.
Monitoring	Signal connection monitoring, played-media history, 24/7 health status, connection-failure email alerts, and failover status in the rundown.
Resilience	Failover and secondary live inputs, backup video and backup live streams, redundancy mode with synchronized primary and secondary instances.

Access and management

Users and roles	Admin, Standard, Control View, Read Only, and API users. Multi-user sessions with one user holding write access and others in read-only mode.
API and integrations	REST API for playout control, ads, and graphics data; Bitfocus Companion plugin for Elgato Stream Deck.
Access from anywhere	Browser and smartphone with adaptive Control View; channels managed in the LTN Portal. Recommended: Chrome, 1440 x 600 px viewport min.

About LTN

LTN is a worldwide leader in media technology solutions, connecting the world with transformative video experiences. For documentation and release notes, visit the LTN Help Center; for a demo, visit ltnglobal.com/campaign/book-a-demo.