

## PERCEPTION PRIVATE FILM CLOUD ASSISTANT APP FOR LIVE PRODUCTION AND POST-PRODUCTION REAL-TIME PREVIEW

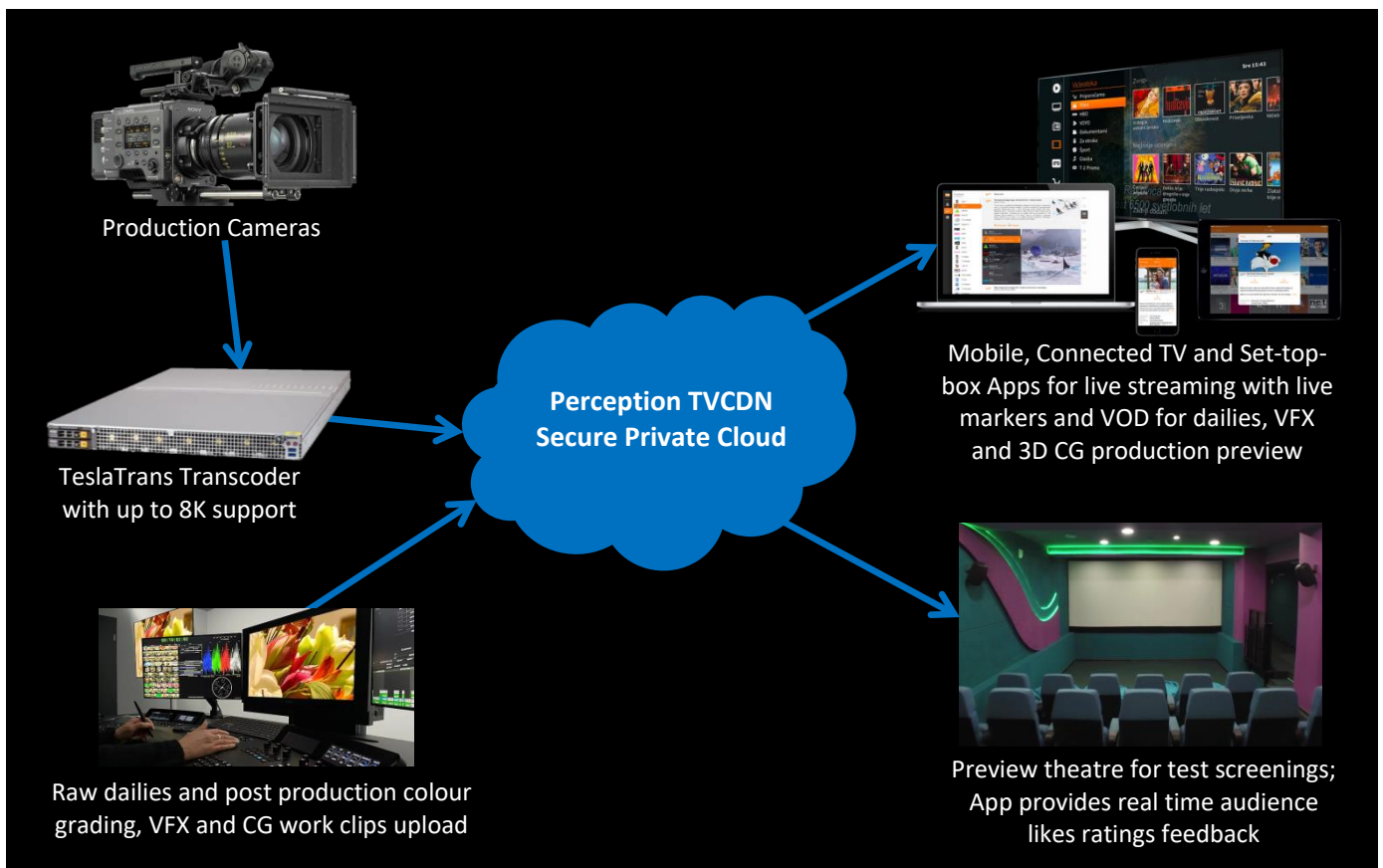
Next generation solution for remote live preview of location camera shots and post review of dailies and post-production video output, with support for unlimited multi-camera video and audio inputs including with support for subtitles, mark-in points and production scripts.

### Simple production friendly workflow:

- Film camera video assist and/or full frame high bitrate video output is connected to H264/H265/AV1 HD/2K/4K/6K/8K transcoder (Perception TeslaTrans transcoder is provided as part of turnkey solution or any 3rd party transcoder with support for 4K/6K/8K input and SRT output can be used).
- DRM protected, low latency SRT adaptive multibit rate transcoder output feed is streamed via wired or wireless link to the nearest Perception CDN POP.
- Perception TVCDN private POP can be set up at the permanent production studio site or the setup can be configured as transportable location kit.

### Key features:

- Live preview with live rewind.
- VOD library custom configured as per given production requirements; for example:
  - Section for hosting dailies posted in real time;
  - Section for hosting post-production output where each party cooperating on the production can have its own section for VFX, CG etc.
- 12 native apps are available for any size screen device enabling live viewing and library video browsing via secure DRM encryption with hosting provided in the most secure private cloud.
- Preview test screenings theatre set-top-boxes can be provided as part of the turnkey system;
- App provides real time audience likes ratings feedback.



## OVERVIEW OF CORE BENEFITS

Perception Assistant App is an innovative solution designed specifically for live TV and movie production. It offers a range of features that enable remote live preview of location camera shots, as well as post-review capabilities for dailies and post-production video output. With support for unlimited multi-camera video and audio inputs, including subtitles and production scripts, the Assistant App empowers production teams to streamline their workflows and enhance collaboration.

One of the key components of the Perception Assistant App is the private CDN POP (Point of Presence), which is strategically set up at the production studio site. This private POP ensures efficient content transcoding, SRT feed delivery and distribution within the secure private production workflow, minimizing latency and ensuring smooth playback of cinematic-quality video content. The app supports low latency live camera streaming in all popular formats including H265 and AV1 8K resolutions.

The Perception Film Cloud Assistant App offers several essential features to enhance the content production process:

- **Live Preview with Live Rewind:** Users can enjoy real-time live previews of camera shots, allowing them to monitor the production as it unfolds. Furthermore, the app enables live rewinding, giving users the ability to review previous moments and analyse specific scenes.
- **Customized film clips VOD Library:** The app provides a highly configurable Video-on-Demand (VOD) library that can be tailored to the specific requirements of each production. For example, the library can be organized into sections, such as a dedicated space for hosting dailies that are posted in real-time. Additionally, the VOD library can accommodate post-production outputs, allowing each party involved in the production (e.g., VFX, 3D CG teams) to have their own dedicated sections to collaborate and share their work.
- **Test screenings real time audience feedback:** To gather feedback from the target audience, the Assistant App can also power digital cinema projector or LED screen in preview theatre where test screenings can be conducted. Test audience can directly rate the movie via Assistant App. This convenient environment allows producers and other stakeholders to receive valuable insights and input from the intended viewership, aiding in refining the content and improving its reception.



Please contact [info@perception.tv](mailto:info@perception.tv) for more information.