TVU Producer

Advantages

△ **Cloud-based solution gets you started in minutes**

△ **Multi-channel IP video switcher with titling and graphics capabilities**

△ **Effective remote team collaboration through social production tool TVU Partyline™**

△ **Scalable to any audience, multi-platform streaming**

△ **Flexible, fits easily into your workflow whether it is traditional SDI, NDI or IP Enables bi-directional audience participation in real time**

Broadcast Quality Cloud Production meets Social Production.

Produce multi-camera live programs in minutes, with zero latency, even with smartphones. Add graphics, mix audio, and safely live stream on any platform with one click.

TVU Producer Features

Works with Any Standard IP Source

Producer is designed to work with virtually any IP video source including TVU Anywhere, TVU One™, TVUPack®, TVU MLink or any standard IP video stream (HTTP, RTP, RTSP, UDP, etc.). Up to 8 live streams (with a total of 11 streams) can be easily added at any time by the user directly from the Producer interface. With TVU Token, any user of an iOS, Android or MacOS device can quickly download the TVU Anywhere application and be added as a live video source in seconds.

Live IP Video Switcher

Up to 11 video streams can be switched seamlessly in the cloud with precise frame accuracy from the TVU Producer interface. Producer uses patent-pending frame-accurate switch technology to overcome the limitation of Internet delay to enable frame accurate previews in the web based interface, and to have an action happen exactly at the user's intended frame. TVU Producer allows for quick-cuts on the source interface or the use of a traditional preview/program workflow. It also allows for audio/video cuts or video only cuts allowing audio to come from a single source while still switching video sources.

TVU Partyline™/ Video Conferencing

TVU Partyline™ is the next gen IFB/ video conferencing solution for social production. With TVU Partyline™, call participants can achieve a unique level of communication and interaction from remote locations as though they were in the same physical studio while producing live and pre-recorded programming. TVU's patented Inverse StatMux Plus transmission algorithm also enables production personnel, talent and tools to collaborate remotely in real time with full HD video quality and perfectly synced audio/video signals. The mix minus feature ensures feedback elimination without special wiring.

Multi-channel Graphic Overlays

From the TVU Producer interface, a user can upload any PNG graphic (up to 1920x1080), including an alpha channel and transparency, for overlay on the video output. Multiple graphics can be uploaded and used simultaneously such as a lower-third title and a transparent bug logo. Producer's Preview window acts as the ideal setup for placing graphics or text only over live video by allowing the user to visually position or resize graphics.

Advanced Audio Mixer

TVU Producer has a dedicated separate interface built for audio operators to mix audio for the program separately from video and graphics operation for those who put a premium on sound quality and convenient operation. This results in monitoring each video feed for production, in adjusting all audio input levels as well as master output and adjust pans for each channel. It also allows for assigning channels for each group for simple management of multiple sources wherein each channel can be muted or selected as a solo monitor for fine tuning as needed.

Customizable Multi-viewer

TVU Producer enables users to have flexible multi views to create unique and compelling experiences depending on the inputs and audience. The user not only has the ability to have a quad-view, tri-view and dual -view, but can now also resize or create custom views per needs for both landscape and vertical modes. This feature gives the users greater control and ability to creatively engage the audience.

Record, Edit and Replay

TVU Producer records live video sources with the ability to record up to four channels simultaneously. Recorded sources can be viewed and replayed instantly with start and stop controls from the Producer interface. In addition, Producer also allows for the immediate editing of recorded video with easy mark in and out points for real-time production and ability to go live all from the cloud.

Publishing in Landscape as well as Vertical Mode

TVU Producer helps push live and recorded content to social media, virtually any CDN or video cloud service workflow in landscape as well as vertical mode (9x16 aspect ratio). You could also output content to any traditional workflows such as SDI, NDI and SMPTE 2110 using TVU Grid, all with the click of a button.

TVU Producer Features

Workbench

TVU Producer's Workbench feature allows users to create and manage multiple programs for live production. On the create program tab, using simple clicks the user can configure his input choices and create a live program. The UI also provides access to previously recorded shows.

ISO Recording

Post-production teams are constantly looking to package and repackage content not just for TV, but for mobile apps and social media platforms. In this environment it's no longer enough to just record the final output/ master mix as it limits the editing playing field. With ISO recording you can record each camera source independently of other feeds and final program output.

Closed Captioning

Automatically add FCC compliant closed captioning to all your live feeds. The captions are generated in real time using our AI based tool TVU Transcriber, ensuring perfect synchronization with audio and video feeds.

SCTE-35 Based Dynamic Ad Insertion

Control the insertion of SCTE slice points or triggers in TVU Producer to signal an ad-insertion in the transport stream. SCTE pass-through is supported as well.

Seamless Collaboration

Effortlessly share live feeds with your production teams and collaborate in real time to produce and publish live shows.

Monitoring and Diagnostics

Scan the status of the IP feeds from all your source inputs and outputs from a dashboard view. Get diagnostic information to carry out preventive maintenance and timely resolve transmission, network bandwidth and other issues.

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02/03/2021