Screencast

Show desktop content live on-air

- Display websites live on-air
- Zoom dynamically into selected area of desktop screen
- Real-time rendering with Viz Engine

Whether in a live broadcast, entertainment, news, or sports show, there is always a need to display content captured from online news sources, video sites such as YouTube and Vimeo, from Skype, or any other website, as part of the broadcast. Vizrt's elegant, easy-to-use Screencast tool makes capturing such content possible for anyone with a desktop computer.

Key Features

- Aspect ratio independent
- Live airing of web pages and desktop content
- Integrated workflow

- Real-time rendering with Viz Engine
- Audio delay control in Viz Engine
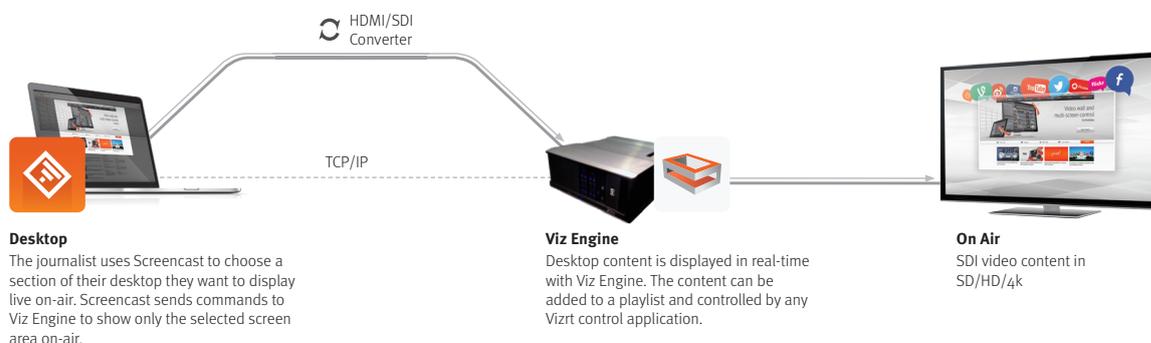- Possible to run from a single laptop or PC

Screencast allows content from any desktop, including web pages, to be displayed on-air in real-time. Viz Engine, Vizrt's real-time compositing engine takes Screencast content and distributes it as an HD SDI output. The combination of Viz Engine, Screencast, and a scan converter is all that is needed.

Workflow

The Screencast application is simple to use. An operator defines the area of the screen they wish to be displayed and the content is then visualized through Viz Engine and displayed inside 3D graphics as a live texture, for use on-air, or in a monitor in the studio. Video is sent from the desktop through an HDMI/DVI to SDI scan converter to Viz Engine. Audio from the desktop is transferred over HDMI, with audio/video sync taken care of by Viz Engine. Screencast is aspect ratio independent, allowing broadcasters to display content in any size.

Screencast

Desktop
The journalist uses Screencast to choose a section of their desktop they want to display live on-air. Screencast sends commands to Viz Engine to show only the selected screen area on-air.

Viz Engine
Desktop content is displayed in real-time with Viz Engine. The content can be added to a playlist and controlled by any Vizrt control application.

On Air
SDI video content in SD/HD/4k

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