



**Venera Technologies Inc.**  
**Booth# SU 13008**  
**April 9-12, Las Vegas, NV**

### Venera NAB 2019 Exhibitor Preview

**Enhancing QC capabilities to meet today's advanced needs**

**Burbank, CA 12 March, 2019**

**At Venera Technologies, we take pride in not only continuing to provide the fastest, easiest to use and most versatile set of QC tools, but also in providing new QC capabilities needed by our customers, such as support for HDR, IMF, Encrypted HLS/DASH, and critical checks like framing/matting issues.**

**Visit us at Booth #SU 13008 where we will showcase enhancements to our [Pulsar](#) – On-premise File based Automated QC system and [Quasar](#) – Native Cloud QC service.**

## **Pulsar and Quasar New Features**

- **Support for HDR**

**Aided by our close collaboration with some of the major Hollywood Studios, we now support verification of HDR content! HDR 10 and HDR 10+ flavors are now supported with support for Dol by Vision to be released soon.**

- **The most extensive validation and QC of IMF content**

**Through our active involvement in the IMF community, we are able to provide the necessary support to address the key IMF QC requirements, including the unique ability to QC IMF supplemental packages. We have even integrated the Netflix 'Photon' checks within Pulsar! Let us show you what we can do.**

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- **Support for encrypted HLS/DASH/MSS**

**We now support QC of encrypted HLS/DASH/MSS adaptive bitrate content, with user-provided decryption key.**

- **Detection of Framing/Matting issues**

Tired of shifting video frames and matting issues, and having to ‘watch’ for them? We can now automate the process and report if and when there is a shift in the video frame. Let us show you!

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- **Speech Gated Loudness Measurement**

The latest approach in dealing with loudness is measuring ‘Speech gated loudness’ and alerting if it falls outside the threshold. We now support this feature where we can measure the loudness based on ‘speech only’. This is a requirement from many content providers such as Netflix.

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- **PSE compliance with Ofcom update**

Beginning January 1 2019, it is mandatory for all content providers in UK to test for compliance with ITU-R BT.1702-1 before the content is delivered to end users. Our QC systems use Harding PSE engine that is already compliant with ITU-R BT.1702-1.

## **Quasar cloud-Specific Enhancements**

While our Quasar solution includes all the QC-specific enhancements mentioned above, we have also worked on cloud-specific enhancements that make our native-cloud solution even more attractive for cloud-specific workflows.

- **Job Tagging**

Quasar users can now tag individual jobs that are posted to Quasar service. If you are an OVP or use Quasar to QC content for multiple clients, you can now easily designate which customer a job belongs to by adding a tag to each job.

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- **Enhanced Security and reliability**

We continue to enhance Quasar security to provide maximum protection for studio content. By providing ‘white-listing’ support for AWS S3 buckets and using temporary security credentials, Quasar allows users to QC their content without explicitly supplying their storage location credentials. End-to-end encryption of Quasar information and high availability data storage makes Quasar a highly reliable and secure solution for any cloud-based workflow. With all these unique capabilities in place, you can use Quasar confidently on even public cloud.

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- Support for Google Cloud Storage

Aside from running on AWS and Microsoft Azure cloud platforms, Quasar now supports QC of content residing on Google Cloud Storage.

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- SimpleOTT, an Integrated Cloud-based QC & Transcoding proof of concept

We are working on removing the complexity of cloud-based workflows so that you can focus on what matters most, managing your cloud-based content with ease! In this 'proof of concept' demo we can show you how our native-cloud QC solution, Quasar, works seamlessly with AWS Elemental's MediaConvert transcoder. We can demonstrate how you can 1) upload your content, 2) watch it automatically go through QC, 3) if passed, go through transcode, 4) and if passed QC again, be published, all automatically! Let us show you!

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## New to our website – Blogs!

While this is not directly related to the show, but we are pleased to announce that we have added a new section to our website for blogs! We intend to regularly provide topics of interest as it relates to Video/Audio issues or new industry trends in digital media. The first blog has been posted about the latest changes to the Photosensitive Epilepsy (PSE) standards and our support for them.

We are excited about other interesting postings that are in the works and you will see soon. Give us a visit and let us know what you think of our blog posts!

## About Venera Technologies

Since its inception in 2003, Venera Technologies has continually provided cutting-edge file-based QC solutions to the digital media industry, tailored to the evolving requirements of its customer and the industry. Venera's flagship offering, the Pulsar™ automated file-based QC solution for on-premise deployment, is the world's fastest File based Automated QC system that is used by some of the largest Media companies in the world, as well as a number of smaller boutique post houses and production companies. And Venera's Quasar™, the first native cloud-based QC service, provides the same QC functionalities as Pulsar, developed natively for the Cloud environment with features such as dynamic scalability and usage based pricing model to meet today's advanced cloud-based digital workflows.

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