

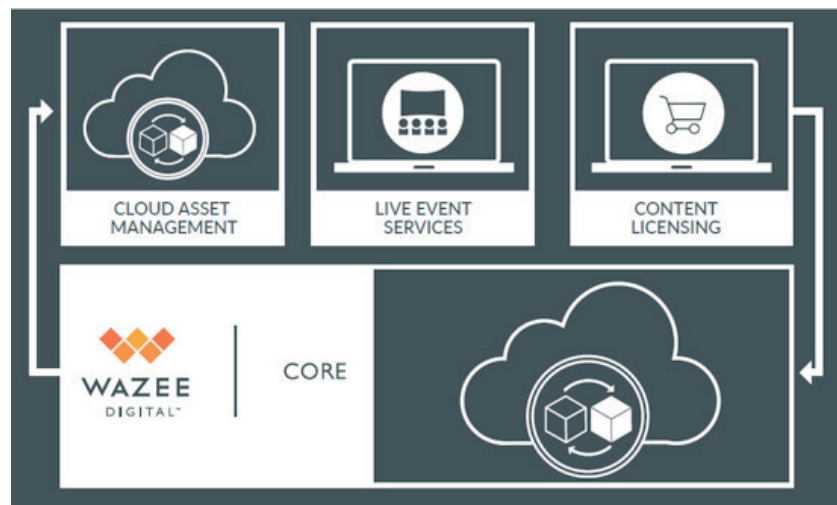
Cloud-native digital asset management

Wazee Digital has more than 10 million video assets under secure management for major studios, governmental departments, broadcasters, sports federations, news archives and a range of other content owners and rights holders. For many of those organisations, asset management is just the beginning. They also use Wazee Digital for a variety of related services that help to make those assets searchable, accessible and, in many cases, monetisable.

“What makes it all possible is Wazee Digital Core, our cloud-native media asset management system. Core is at the heart of all Wazee Digital services. It was built from the ground-up to operate in the cloud, which brings all sorts of advantages when it comes to finding, sharing and monetising content. Core powers access to transcripts and interviews and includes advanced metadata-enrichment capabilities, all of which help people to quickly find specific moments within a show. Core also drives the underlying search experience, which enables online search portals with granular layers of access. Once people find what they want, Core can

transcode and package the content as needed for a given request,” explained the company.

Core embodies Wazee Digital's years of experience in monetisation and rights management and allows content owners to create content once and then use and re-use it in countless ways, anywhere, in any format. Its media-management tools underpin various business models for any organisation that owns video.



For more information, see www.wazeedigital.com

4K baseband SDI recording

It is now possible to perform 4K baseband SDI recording using standard and affordable PC hardware. Village Island and DekTec have jointly announced VF-REC v3, a new version of the VF-REC application widely used for recording of transport streams and SDI signals using DekTec's range of video I/O adapters. With this release, VF-REC receives a major GUI overhaul and introduces the "J2K" option for JPEG 2000 compression.

"Recording/payout of an uncompressed 4K video stream in a PC is extremely challenging because of its high bitrate (12Gbps) and requires a special and expensive hard-disk sub-system. Without considerable integration effort, it is practically impossible to record or payout 4K signals with a standard PC set-up. VF REC v3 overcomes this problem by incorporating JPEG 2000 compression technology from Comprimato. It

applies real-time visually loss-less compression of 4K video, reducing the data rate sufficiently to use a PC with a standard hard-disk set-up. Comprimato's JPEG 2000 compression technology leverages the GPU resources from graphics boards provided by companies such as NVIDIA and AMD," said DekTec.

VF-REC stores the JPEG 2000 compressed 4K signal as an MXF-file (OP1a), which means the recorded files can be used by any tool supporting the OP1a MXF-file format. Version 3 also includes functionality for playing back the recorded 4K files.

"While 4K is gaining more and more momentum, broadcast engineers need concrete and practical solutions to archive 4K while preserving excellent video quality," said Bernie Rietkerken, Director of Marketing and Sales, DekTec. "We are glad that, with this software application from our long-