REMI Video Production Supports More Flexible Live Workflows

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ANAHEIM, CA - August 19, 2026 -
VidOvation today announced an expanded REMI Video Production workflow designed to help broadcasters, sports organizations, and live production teams transport synchronized multicamera video from remote venues to centralized production facilities. The workflow centers on the RACK400 encoder and bonded cellular and IP transmission technology, providing production teams with additional options for handling live contribution over cellular networks, the public internet, and other IP connections.

The expanded workflow addresses a central technical requirement of remote integration: keeping multiple video and audio sources synchronized as they travel from the field to a control room. According to VidOvation's published specifications, the RACK400 supports 4K UHD transmission or multicamera operation with up to four HD sources at 1080p50/60. The system also supports frame-accurate genlock and lip sync, up to eight audio channels, and latency as low as 0.5 seconds.

These specifications provide production teams with defined performance parameters when planning remote workflows involving several simultaneous sources. Maintaining synchronization is particularly important for sports, live television, and other productions where feeds from different cameras may be switched rapidly or

combined with replay, graphics, commentary, and other elements at the central facility.

Under the remote integration model, cameras and capture equipment remain at the event while technical directors, producers, replay operators, graphics teams, and other personnel can work from a centralized facility. Rather than moving a complete production operation between venues, organizations can transport live feeds to an established control environment for switching, monitoring, replay, graphics, audio production, and distribution.

The workflow also incorporates SafeStreams transport technology for moving feeds across managed and unmanaged IP networks. VidOvation states that SafeStreams uses forward error correction, automatic re-request technology, adaptive bitrate encoding, and configurable redundancy to help recover packets and maintain transmission when network conditions fluctuate. The technology can bond multiple available connections, including cellular, LAN, Wi-Fi, satellite, and public internet paths.

For field operations requiring greater mobility, the workflow can incorporate PRO Series and AIR Series bonded cellular and IP transmitters in camera-mount, backpack, and belt-pack configurations. These options allow teams to adapt their contribution setup to individual venues instead of relying exclusively on fixed transmission infrastructure. Bonded cellular connectivity can also provide an alternative path when wired internet access is unavailable or does not meet production requirements.

Previous deployments provide additional evidence for synchronized remote production in demanding environments. VidOvation has documented a "Live PD" implementation that transported as many as 36 live camera feeds from six jurisdictions to a New York control room. The deployment used bonded cellular transmitters and receiver-side genlock to maintain synchronization across the multicamera workflow while working with moving vehicles and geographically dispersed video sources.

The expanded REMI Video Production workflow is intended to give production teams a more flexible framework for planning live events while keeping core personnel and production resources centralized. Network bandwidth, cellular availability, equipment placement, synchronization, and backup transmission paths still require advance evaluation and testing, particularly at venues where connectivity can vary during an event.

Centralized production can also allow the same technical resources and personnel to support events in multiple locations without requiring an identical production footprint at every venue. This approach can be particularly relevant for organizations managing frequent broadcasts, simultaneous events, or geographically dispersed production schedules..

VidOvation provides video communications and broadcast technology for media organizations, sports productions, enterprises, and other professional users. Its work includes remote production, bonded cellular transmission, video over IP, wireless systems, cameras, production tools, and related broadcast infrastructure.

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