REMI Video Production Supports Distributed Live Broadcast Workflows

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The shift toward distributed production has changed how broadcasters and live event producers approach camera feeds, connectivity, staffing, and control rooms. VidOvation supports these workflows with a range of broadcast technologies for REMI video production, including live encoders, bonded cellular transmitters, remote camera systems, and automated production platforms. The company's product portfolio addresses different stages of a production workflow, from mobile video contribution to centralized live production.

Remote integration, commonly referred to as REMI, separates the capture of live video from other production functions. Cameras and other sources can remain at an event or contributor location while production personnel work from a separate facility. For sports broadcasters, this approach can involve multiple cameras, audio sources, and live feeds that must remain synchronized throughout a broadcast.

VidOvation's RACK400 4K UHD and HD HEVC live encoder is designed for this type of contribution workflow. The system can send video over the public internet or unmanaged networks, and support bonded cellular connectivity via the optional QUAD CellLink active antenna. The RACK400 offers a contribution option for productions where dedicated telecom, satellite, fiber, or microwave connectivity is not available in the existing

infrastructure.

Mobile contribution is addressed through the PRO Series and AIR Series bonded cellular and IP transmitters. The systems are available in camera-mount, backpack, and belt-pack configurations, allowing transmission equipment to be used in different field-production environments. Their applications include multicamera REMI productions and at-home broadcasts where mobility is a production requirement.

Remote production also changes the equipment needed at contributor locations. VidOvation's TrolleyLive Pro combines a broadcast PTZ camera, a streaming encoder, and a return video monitor into a single system. The platform is designed for live broadcasting from homes and other remote locations, enabling contributors to capture and transmit programming while also receiving return video.

Sports production can also be structured around centralized or automated workflows. VidOvation's IQ Sports Producer is designed to facilitate live professional sports production without requiring on-site positions such as a technical director, director, producer, or camera operators. The system represents one approach to moving selected production functions away from the venue.

The company's IQ vPilot AI-Driven Automated Studio takes automation further by using artificial intelligence within a studio production system. The platform is designed to operate without camera operators or an on-site director and is intended for lower-cost studio productions. It provides another option for organizations evaluating how to handle production responsibilities without placing a full traditional crew at the studio location.

These technologies address separate requirements within the same broader production model. A live sports production may require mobile camera contributions at the venue, centralized control at another location, and automated tools for selected studio segments. An at-home contributor may have different requirements, including a compact camera system, transmission capability, and the ability to return video.

For broadcasters considering REMI video production, the technical planning extends beyond the camera itself. Connectivity, synchronization, monitoring, mobility, and production control all affect how a distributed workflow is configured. Equipment selection depends on the location, number of sources, available networks, and amount of production work being handled remotely.

VidOvation provides broadcast video networking and contribution technologies for live production, remote integration, mobile transmission, and automated studio workflows. Its product portfolio includes the RACK400 encoder, PRO and AIR Series transmitters, TrolleyLive Pro, IQ Sports Producer, and IQ vPilot AI-Driven

Automated Studio. Product specifications, configurations, and additional information about REMI video production solutions are available at https://www.vidovation.com/.

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