



Streaming with Speed: NewTek gear drives 2022 Petron National Motorcycle Racing Championships

CUSTOMER

Petron National Motorcycle Racing Championships

Like many high-profile sporting events today, the 2022 Petron National Motorcycle Racing Championships in the Philippines streams live. This includes pre-produced video featurettes, host commentary, and replays—to social platforms like Facebook and YouTube. This high-profile event features six competitive rounds spanning from June 4 through November 13, 2022, when the Ducati Cup trophy is awarded. Motorcyclists at these day-long events compete in the Under Bone, Scooter, and Super Bike Champion race categories.

Covering such fast-paced and dynamic action can be costly. Especially when it's necessary to maintain consistent quality for every event's broadcast. Achieving this premium and guaranteed quality requires advanced, feature-rich, and reliable video production and streaming capabilities that are also cost-effective. Furthermore, productions are even more conscious of carbon footprint and many major broadcasters have committed to being more sustainable



GUARANTEEING CAPTIVATING COVERAGE

To ensure its broadcasts achieved all the required elements of production, GLPS Co. (Go Live Production Solutions), the Manila-based live technical services company responsible for streaming the 2022 Petron National Motorcycle Racing Championships, chose NewTek solutions.

GLPS opted for the TriCaster® 2 Elite, the most complete video production platform available today, which sets a new platinum standard for how much you can achieve with a single system, to drive the coverage of the event. The TriCaster 2 Elite was used as part of the two-truck Outside Broadcast (OB) workflow used at each venue.



GLPS was hired by Precision Digital Broadcast Solution, which provided the broadcast camera systems, shooting, and replay work. GLPS oversees streaming, graphics overlays, and systems integration. Truck 1 had a large Panasonic vision mixer, cameras, and two Inspire 2 drones for overhead shots, while truck 2 had a TriCaster with a 2-stripe control surface, connected to CG machine and external recorders. Challenge Systems, Inc., in Makati City Philippines, served as the NewTek reseller/distributor. GLPS Co is a Platinum Partner of NewTek.



We chose the NewTek TriCaster 2 Elite because it's indeed the most reliable and complete production system available. Its built-in DDRs, buffers, and NDI® alpha keying capabilities have proven essential to this broadcast," said Joemer Cahayon, Managing Director for GLPS, "The TriCaster's Audio-Follows-Video (AFV) feature also lets us manage the audio while the host and panelists do their mic checks, and its inherent format conversion capabilities lessen the need for external format converters.



A critical element of the production was the use of NDI to transfer high-resolution video sources, such as full-screen racing statistics and lower-third graphics, in real-time from a Resolume Arena Media Server and NewBlue Titler Broadcast into TriCaster's NDI-ready alpha channel inputs for keying.



Sponsor logos and brand bugs also play out of the TriCaster's internal DDR into the alpha channel. The TriCaster, Titler Broadcast and Resolume systems are connected via the NDI 5 Profile of a Netgear M2450 series AV Line Switch.

"The TriCaster's PGM out [program output] met our low latency return video requirements, ensuring that live signals can move in real-time from the second truck to the first," Cahayon added. "While truck 1 sends PGM live event video to the streaming truck, truck 2's TriCaster adds the pizzazz, including AVPs [video package roll-ins], color commentary, lower screen graphics, and brand logos while streaming it live on Facebook and YouTube."

Together, the NewTek TriCaster 2 Elite production switcher, NDI networking, and 3Play® replay system enhanced the stream of this year's Petron Championships to deliver action-packed content to fans and audiences more reliably, cost-effectively, and clearer than ever before.



Curious to know more?
We're here to help. Visit www.newtek.com.