PRESS RELEASE

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SOUTH EAST ASIA GAMES, WITH OPTOCORE NETWORK, DEPLOYED BY THE SHOW COMPANY

With an enviable pedigree of providing site wide fibre networks for major sporting opening and closing ceremonies, Optocore has now further boosted its impressive portfolio after a major system was deployed at the South East Asia Games in Singapore.

The ring system at the National Stadium was designed by major event company and long-standing Optocore customer, The Show Company (TSC) — who made a recent substantial investment with local distributors Total Solution Marketing (TSM).

Contracted by Sports SG, they added to their existing stock 8 x X6R-FX-8AE/8LO Optocore converters along with 3 x X6R-FX-16MI, 2 x X6R-TP-16MI, 5 x X6R-TP-16LO interfaces, with a central DD8RP repeater. This enabled them to create a fibre backbone at the newly constructed 55.000-seat Singapore Sports Hub.

The Show Company's Joseph Gan confirmed that since their existing DD32 devices, integrated with Yamaha consoles, remained "rock solid" after so many years, the decision to adopt an Optocore network solution was a no brainer. "Optocore is a very stable and easily expandable system — ideal for large scale deployment such as this," he said.

"The scale and the importance of the audio support for the Games made it mandatory to have a large dual redundant ring system as nothing is allowed to fail." All 18 devices were connected in the loop, including 11 X6R-FX devices, set in 11 locations in the stadium.

The entire audio system set-up is based on Optocore devices as the main frame, and all audio signals in the stadium (amplifiers, amplifier remote, wireless mics, band mics etc) were routed through the Optocore network.

With Jon Sim and Desmond Fong project managing, six of the X6R-FX devices were located in the control room, receiving AES3 signals from their main Dolby Lake rack processors, and analogue signals from the back-up Dolby Lake rack. Both racks were fed by Avid Profile racks.

"Signals were then distributed through the network to all locations where we just picked up the AES3 signals and analogue signals to the amplifiers," Mr. Gan continued. In addition to feeding audio signals to the power amplifiers, Ethernet from Optocore was also used to

control them. This, in turn, fed the NEXO STM line array system used for the Games.

The installation was supported by Optocore's Applications Engineer, Michal Micka, who carried out on site training. He praised The Show Company for their impressive set-up and the way in which they deployed this backbone distribution system.

In summary Joseph Gan said, "One thing that we loved was the fact that the amplifier remotes could also be connected to the LAN port of the X6R devices."

As the first important show in the new arena the event was a complete success. "The Optocore network was rock solid and we had zero glitches," he reports.

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Pics attached

About Optocore

Based in Munich, Germany, OPTOCORE is the world market leading provider of high bandwidth, low latency, resilient, scalable and flexible fibre optic based networks for the transmission of audio, video and data. For 20 years, Optocore has been continuously innovating and setting new standards with regards to digital network technology. OPTOCORE builds and develops synchronous optical fibre and CAT5 based network solutions for broadcast professionals — for fixed installations and live event applications. Utilising leading-edge technology and high-quality components Optocore guarantees durability and therefore long-term market and customer satisfaction. Due to the open system architecture, Optocore's platform offers other manufacturers the option to transfer conventional standard audio, video and data formats used in the pro audio industry, via an Optocore network. Technical expertise, QoS and an extensive support structure are guaranteed to all customers, together with the highest level of quality.