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**Link to Word Doc:** [www.wallstcom.com/Riedel/201008-Riedel-Bolero-MediorNet-Artist-TRP.docx](https://www.wallstcom.com/Riedel/201008-Riedel-Bolero-MediorNet-Artist-TRP.docx)

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**Photo Caption:** TRP HDOB1 Production Control Room

**Photo Link:** [www.wallstcom.com/Riedel/Riedel-Bolero-MediorNet-Artist-TRP-Exterior.jpg](https://www.wallstcom.com/Riedel/Riedel-Bolero-MediorNet-Artist-TRP-Exterior.jpg)

**Photo Caption:** TRP HDOB1 Exterior

Riedel Bolero, MediorNet, and Artist Power Video and Comms Infrastructure for Australia’s Thoroughbred Racing Productions

**WUPPERTAL, Germany** — **Oct. 8, 2020** — Thoroughbred Racing Productions (TRP), a leading provider of production services for the Australian thoroughbred horse racing industry, has migrated its communications and signal routing infrastructure to Riedel Communications’ Artist digital matrix intercom, Bolero wireless intercom, and MediorNet real-time network. The centerpiece of the Riedel installation is TRP’s largest OB vehicle, HDOB1, which has undergone a modernization to Bolero from its previous two-way radio intercom system.

Based in Melbourne, TRP covers 525 thoroughbred events throughout the state of Victoria and produces over 3,500 hours of live HD racing broadcasts every year. The new 22-camera, 14.6-meter HDOB1 trailer, designed by TRP and built by Sony, is a mainstay at high-profile Spring Racing Carnival, which includes one of the world’s high-profile races, the Melbourne Cup.

“Of all the intercom solutions we considered for the HDOB1 upgrade, Bolero offered the most advanced features. Coupled with the decentralized signal routing flexibility of MediorNet, Bolero gives us outstanding voice quality, reliability, and range,” said Charles Cole, Engineering and Technical Operations Manager, TRP. “Bolero has simplified comms for our field operations, but at the same time, it gives us massive capacity over traditional RF communications. Setups, changes, and additions that were always a challenge before are now easily done with a few mouse clicks. Plus, we’ve seen a considerable reduction in distribution and interconnect costs within our facility.”

Previously, TRP’s main facility relied on a two-way radio field communications workflow and a traditional, centralized video router, with racecourse infrastructures that varied from racetrack to racetrack. TRP faced challenges common to any operation that relies on multiple two-way radio channels for communications: licensing issues related to multiple users on a single frequency who were attempting to use the frequency at a particular site, interference, and the complexities of spectrum management for large productions with multiple vendors. Bolero eliminates all of these issues working with a MediorNet MetroN core router and 21 MediorNet MicroN nodes, including fly-away frames and integrated multiviewers. The integrated Riedel solution enables modular and seamless distribution of video, communications, and data signals within each racecourse for broadcast production.

The Bolero-MediorNet combination has removed the bottlenecks of the previous intercom setup, giving each field communications position a discrete channel and enabling teams to work independently and efficiently. Before, the reliance on the single video router meant that users were constrained by the size of the router and design of the OB unit infrastructure; with MediorNet, each position is able to access all signals without affecting others.

“TRP’s installation is a real milestone — the first OB truck project in Australia in which Bolero replaces a previous two-way radio workflow. The deployment is especially notable for its heavy focus on IP-based solutions, leveraging Riedel’s expertise in IP-based workflows based on the SMPTE ST 2110 standard for broadcast,” said Espen Brynildsen, Technical Solutions Manager, Riedel Communications Australia. “One of the key success factors for this project was the outstanding cooperation and open communication amongst Riedel, Sony, and TRP around aspects such as switch functionality and network optimization. It’s another example of TRP’s technology leadership and outstanding track record in broadcast coverage for thoroughbred racing.”

Further information about Riedel and the company’s products is available at [www.riedel.net](http://www.riedel.net).

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**About Riedel Communications**

Riedel Communications designs, manufactures, and distributes pioneering real-time video, audio, data, and communications networks for broadcast, pro audio, event, sports, theater, and security applications. The company also provides rental services for radio and intercom systems, event IT solutions, fiber backbones, and wireless signal transmission systems that scale easily for events of any size, anywhere in the world. Riedel is headquartered in Wuppertal, Germany, and employs over 700 people in 25 locations throughout Europe, Australia, Asia, and the Americas.

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