Case Study: Repeatit Fastest Around the Track at British F1

One of Purdicom's Resellers deploys Repeatit Trinity backhauling private & public WiFi for the 2015 F1 British Grand Prix at Silverstone

The 2015 British Grand Prix was a Formula One motor race that took place on 5 July 2015 at the Silverstone Circuit, United Kingdom. The race was the ninth round of the 2015 season, and marked the 70th running of the British Grand Prix, and the 51st time that the race was held at the Silverstone Circuit. Steeped in prestige and tradition, Purdicom's Reseller was tasked to oversee the catering and the critical ICT infrastructure including wireless backhaul for the event to serve the 140,000 race-goers.

Repeatit Trinity took pole position during the event, providing an ultra-stable wireless backhaul connectivity to the existing fibre infrastructure. Over 10 Repeatit Trinity 323, 318 & 316s links were used, with connections being provided even across the racetrack with an average distance of 2 – 3km.

With 100,000s of transactions, numerous concurrent WiFi connections and a private staff IT network to support, Purdicom's Reseller needed a fast, stable & quickly deployable backhaul solution. Various applications were specified including taking payments via PDQ, ticketing and providing public WiFi across the whole site. With many sponsors and individual F1 teams deploying their own stand alone wireless networks, interference at the circuit was an inherent risk which meant the engineering team had implement a reliable backhaul infrastructure.

Purdicom's Reseller turned to Repeatit because of its AirTime technology, which maintains stable connectivity, even in interference-ridden environments. Having used Repeatit Trinity equipment previously at stadiums in the UK, the Purdicom Reseller was very impressed with the product but the Silverstone deployment was set to truly test the Point to Point link.

"Having previously used Repeatit

Trinity at some UK stadiums, we put it to the test in a highly congested area at Silverstone. The Repeatit infrastructure performed incredibly due to it's AirTime technology and we maintained high speeds & efficiency despite the wireless habitat." said Purdicom's Reseller.

During the Grand Prix, the Repeatit equipment performed extremely well with no engineering issues. The backhaul system competently fought interference providing the critical link between the fibre core and designated WiFi & catering zones.