

World Class Motorsport Facility Requires Precision Backup

our case study

THE BEND
MOTORSPORT PARK

WHO WE ARE

PowerShield is an Australian company that specialises in power protection and uninterruptible power supply (UPS) equipment. With a focus on Oceania, PowerShield designs and produces products that are specifically tailored to the unique power needs of the region. The company is dedicated to ensuring that everyone in Oceania has access to consistent clean power and focus on the development of innovative solutions that meet this goal. With a commitment to quality and customer satisfaction, PowerShield has become a trusted leader in the power protection industry.

THE CLIENT

The Bend Motorsport Park is one of the most significant developments in Australian motorsport history and is a state of the art, worldclass motorsport facility. Developed and primarily funded by the Peregrine Corporation, South Australia's largest private company, construction started on The Bend in early 2016 with the main motor racing circuit completed in April 2018 in time for the first scheduled events.

THE CHALLENGE

The facility has a highly equipped main server room that supports the IT infrastructure throughout the Park. Uninterruptible Power Supply was a fundamental requirement to protect the overall infrastructure that provides race statistics and data collection for racing events. The UPS solution needed to be adequate to meet the demands of the Park, ensure continuous power during any blackouts and also cater for future expansion as required. Timely delivery, installation and commissioning were essential factors to the success of the project.

KEY PERSONNEL

Mickey Sala, R&D Manager and Technical Support
Rob Czerwicz, Service Technician
Glyn Dowding, IT Channel Manager NSW, VIC, SA, TA

THE SOLUTION

PowerShield Centurion Tower 10kVA UPSs were installed in master/slave configuration for the redundancy power protection in the main server room while Centurion RT 3000VA UPSs were installed in racks at the various remote locations around the park to protect and secure the network hubs. Power Shield UPS systems are designed for this type of rugged environment and have the advanced software compatibility necessary to talk to the IT manager, keeping him continually informed of the status of the system.

OUTLOOK

"PowerShield has always excelled at providing custom solutions. It was fantastic to be a part of such an interesting, important project here in Australia." Glyn Dowding, PowerShield.