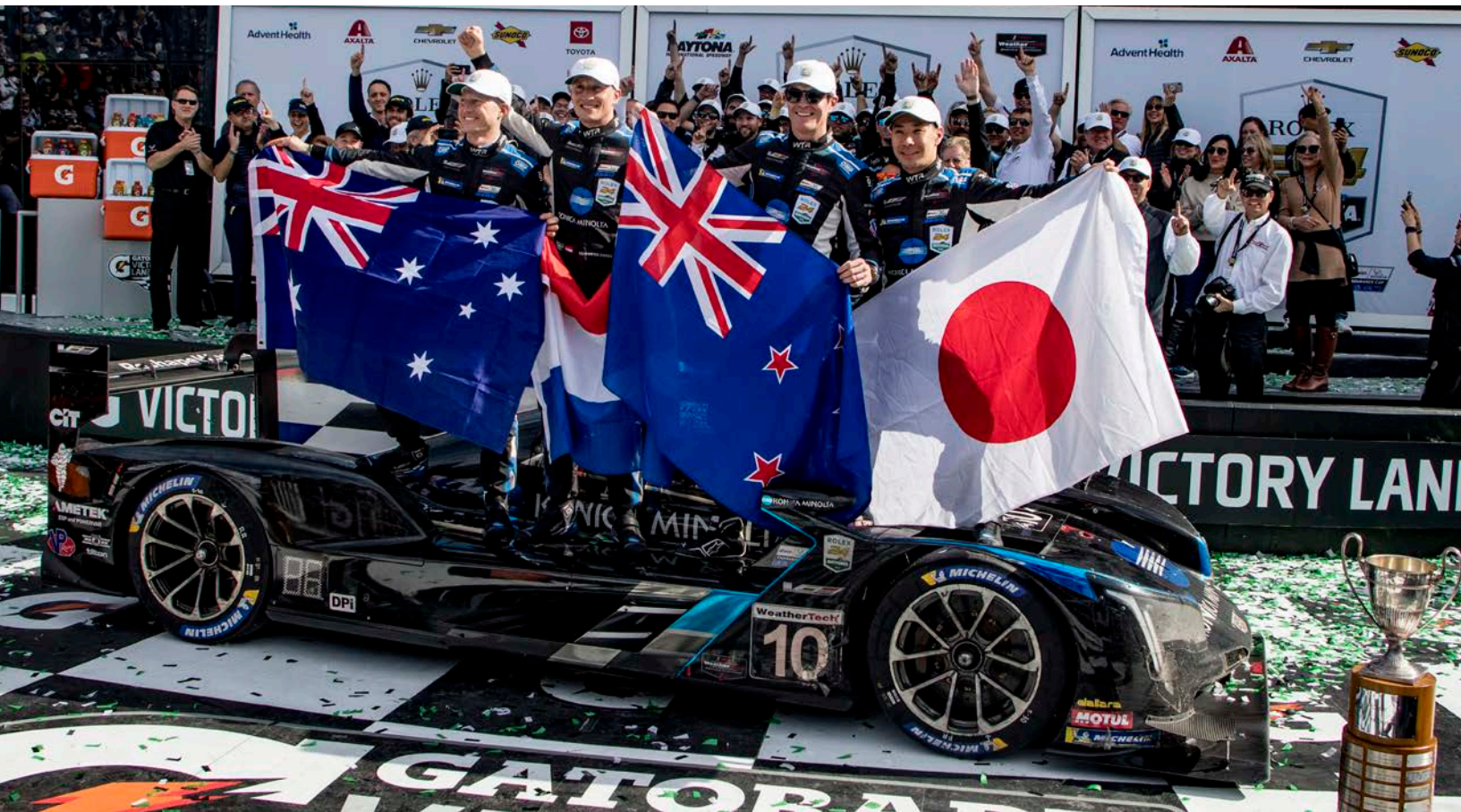


CASE STUDY

SECTOR
Sport

ORGANISATION
Wayne Taylor Racing (WTR)

LOCATION
Indianapolis,
Indiana, USA



THE CUSTOMER

Wayne Taylor Racing (WTR) was founded in 2007 by world renowned sports car champion Wayne Taylor. Based in Indianapolis, Indiana, the motorsports capital of the world, the global motorsports enterprise boasts two IMSA driver championships (2013 and 2017),

the 2017 IMSA team championship, and it has contributed to eight IMSA manufacturer championships for the Pontiac, Corvette and Cadillac brands of General Motors, as well as multiple victories in sportscar racing's most iconic events – the Rolex 24 At Daytona, Mobil 1 Twelve

Hours of Sebring, the Petit Le Mans at Road Atlanta, and the Sahlen's Six Hours of The Glen at Watkins Glen (N.Y.) International. WTR also has seven North America Lamborghini Super Trofeo Championship titles and a Lamborghini World Finals title.





"At Wayne Taylor Racing, we have had the VIRALERT 3 in place since the beginning of the pandemic. As an active organisation in a large facility, it has been a great asset to have our guys be able to instantly log their temperatures every morning as well as throughout the day.

"As a manager, knowing that the VIRALERT 3 has created a log that we can refer to daily has helped keep the safety of our employees and guests paramount through this time."



Travis Houge, General Manager, Wayne Taylor Racing

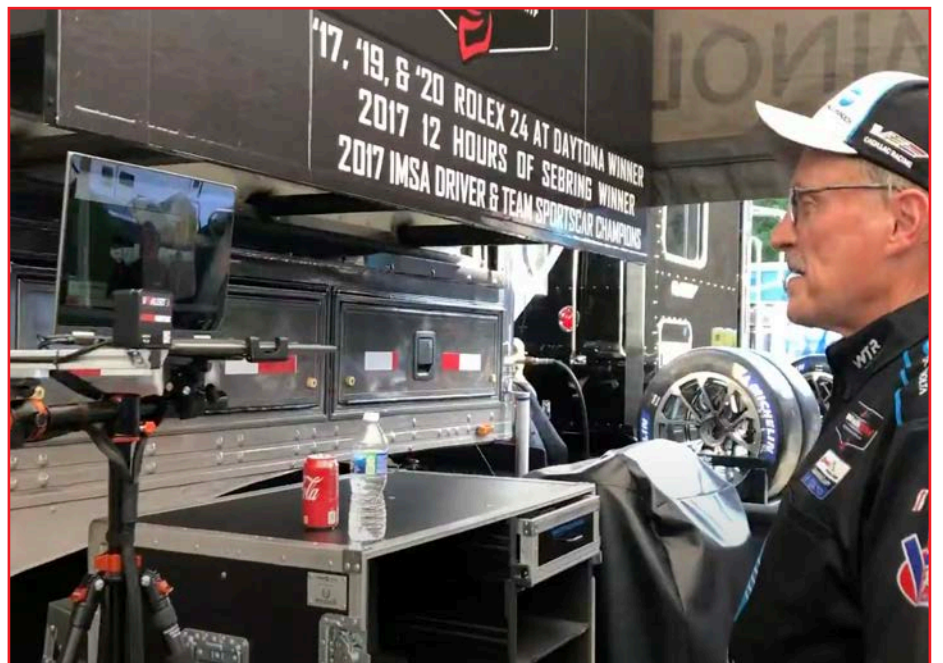
REQUIREMENTS

AMETEK Land provided a VIRALERT 3 human body temperature screening system to WTR, as the team's race shop (factory) was reopening after the COVID-19 lockdown.

This was used to check team members and visitors as they entered the race shop, and proved both popular and successful. WTR were so pleased with the system that they wanted to use it at the racetrack to screen people

entering their team workspace during the first post-COVID race of the season.

Protocol requires that drivers, crew, engineers, and any other visitor entering the workspace at the track are screened for elevated temperature. However, this meant using the system in an awning, and so required some creative thinking from WTR and AMETEK Land.





DEVELOPING A CUSTOMISED SOLUTION

Led by its Director of Innovation and Technology, Peter Drögmöller, AMETEK Land worked closely with WTR Technical Director Brian Pillar to develop a new software algorithm that would allow VIRALERT 3 to operate more accurately in the awning. AMETEK Land's comprehensive and market leading test facilities include the ability to push equipment to the limit in hot and cold ambient environments.

The testing equipment was critical to the rapid development of a robust algorithm to detect elevated temperatures in hot and humid ambient conditions. This was implemented with great success in time for WTR's next race at Michelin Raceway Road Atlanta, Georgia. Despite the challenging conditions for the competitors, the adapted VIRALERT 3 system proved reliable, accurate and effective.

"We really appreciate the collaboration with the WTR team in developing this algorithm, and we're delighted that it's met their needs for temperature screening at the track."

"While the solution outlined here was developed in collaboration with WTR specifically for their trackside needs, our experts are available to work with any customers to create the right solution for their individual circumstances."



Ben Wileman, AMETEK Land

HUMAN BODY TEMPERATURE SCREENING SYSTEM

Safe, easy and accurate, VIRALERT 3 utilises AMETEK Land's industry-leading thermal imaging technology to screen visitors at point-of-entry for elevated temperatures that could indicate fever.

Unlike handheld thermometers which compromise social distancing requirements, VIRALERT's automatic screening system scans from a distance that complies with social distancing.

Automatic visual and audible alerts provide the warning you need, keeping everyone safe. Developed over 10 years by AMETEK Land's world-leading temperature monitoring experts, VIRALERT 3 is a real-time scanning solution that's safe, accurate, and easy to use.

FIXED TEMPERATURE REFERENCE SOURCE

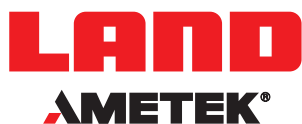
- Small, light calibration source
- Easy installation/setup
- Removes key source of errors

HI-RESOLUTION IMAGING CAMERA

- Visual and thermal imaging
- Automatic face detection
- Single face-on reading

EASY-TO-USE SOFTWARE

- Intuitive interface
- Core temperature calculations
- Alarm setting recommendations



CONTACT US



landviralert.com



land.enquiry@ametek.com

