

TRACK PERFORMANCE
ADVANCED LIGHTING AND INNOVATION
FOR RACE TRACKS

**THE INTELLIGENT SOLUTION
REVOLUTIONISING THE WAY RACE TRACKS
AND MOTOR SPORTS ARE RUN.**

- Maximise revenue with increased race options
- Improve safety while optimising the customer experience
- Be the track of choice with multi-functional entertainment areas

ALITRA 
connected racing intelligence

THE ULTIMATE IN RACE CIRCUIT CONTROL SYSTEMS

Providing connected racing intelligence to improve track performance

Alitrax is a comprehensive motor racing intelligence, lighting and control system. Installed and controlling 18 tracks in New Zealand, Australia and the Northern Hemisphere.

Alitrax provides hardware and software support for Bathurst 12hr and 1000, Sydney Motorsport Park, Mallala Motorsport Park, Hidden Valley Motorsport Complex, Bushy Park Barbados, Pukekohe Park Raceway, Highlands Motorsport Park and the Clipsal 500, plus many others.

Industry Benchmark

Alitrax is compliant with FIA Worldwide procedures, as well as being endorsed by Motorsport NZ and CAMS (Confederation of Australian Motor Sport).

**Developed by Nautech Group,
a respected electronics company,
Alitrax systems are here to change
the course of motor racing worldwide.**

With Alitrax, you gain:

- A full Electronic Flag Point Light and safety system combined with intelligent race control software managed either with central touch screen interface located anywhere on the track or via manual controls at the marshal point and starters box.
- Automated FIA approved track signals to display all standard safety flags to streamline driver communication via Mega Vis.
- Ability to better utilise track marshals during non-racing events, saving on overheads and improving safety.
- Digital tracking and logging of incidents to improve safety and pave the way for interactive mobile applications.
- Proactive noise monitoring bringing peace of mind for local residents around tracks and ensure compliance with local regulations.
- User-friendly software available on both mobile tablet and touch screen Race Control PC.
- Innovative design options that can maximise revenue potential.
- Professional consultancy services, managed installation and after-sales support and service.
- The flexibility for all chosen elements to be deployed in a staged rollout.



SMARTER TRACKS FOR TRACK PERFORMANCE

Maximising revenue for track owners

Intelligent Alitrax allows you to cater for all motor racing types and enthusiasts across multiple track configurations.

The automated track signals and streamlined driver communication significantly reduce the need for track marshals and manual flags, making it easier to run a racetrack at any time or day. From small clubs to big events, drivers, volunteers and organisers will love the high-tech experience. Alitrax also makes track circuits safer for drivers and volunteers.

Give your track longstanding appeal and future-proof it with Alitrax.

Safer tracks for series operators

Technologically advanced Alitrax brings a new level of professionalism to any race track.

For big event days, the integrated Alitrax lighting and software provide immediate information and feedback to drivers and race officials. The ease of communication makes tracks safer for drivers and minimises people requirements, lowering overheads. The experience is enhanced for fans as well with quick information to big screens and new and exciting opportunities to engage with spectators via Supervis.

For a professional experience, hold your event at an intelligent Alitrax racetrack.

Endless multifunction racetrack options for designers

Flexible Alitrax makes it easier to create multifunctional entertainment areas.

Alitrax introduces a new era of innovation and technology to racetrack designs. Integrating Alitrax at the beginning of a new design makes it possible to design tracks that are more attractive to a diverse range of customer interests therefore maximising potential track revenue. Use intelligent lighting to section off tracks or provide areas for 4WD, drag racing, car testing and more.

Deliver the best in participant friendly track designs by making them Alitrax designs.

I MAXIMISE REVENUE

I IMPROVE SAFETY

I INCREASE OPTIONS

Intelligent, connected track technology that creates the most immersive, and interactive experience for drivers, event holders and audiences.



THE BUILDING BLOCKS FOR AN INTELLIGENT TRACK



01: FLAG POINT LIGHTS

The Alitrax Flag Point system has been developed for use on large race circuits. It is designed to meet or exceed the requirements of worldwide motorsport standards. The automotive grade LED technology provides outstanding visibility for competitors and safety for officials. A large variety of mounting options provide flexibility and the tethered manual switch box allows flag marshals to be positioned at points of safety whilst the light remains in the most effective location. Optional mimic lights mounted to the rear should provide following points with current flag status information.



02: PIT LANE EXIT LIGHT

The Alitrax Pit Lane Exit light features a four panel LED Cube Light system that provides outstanding levels of luminosity of red and green (with an option to have additional blue and white) in a compact package. The unit can be controlled from either Race Control or via manual switch on the side by pit lane exit marshals.



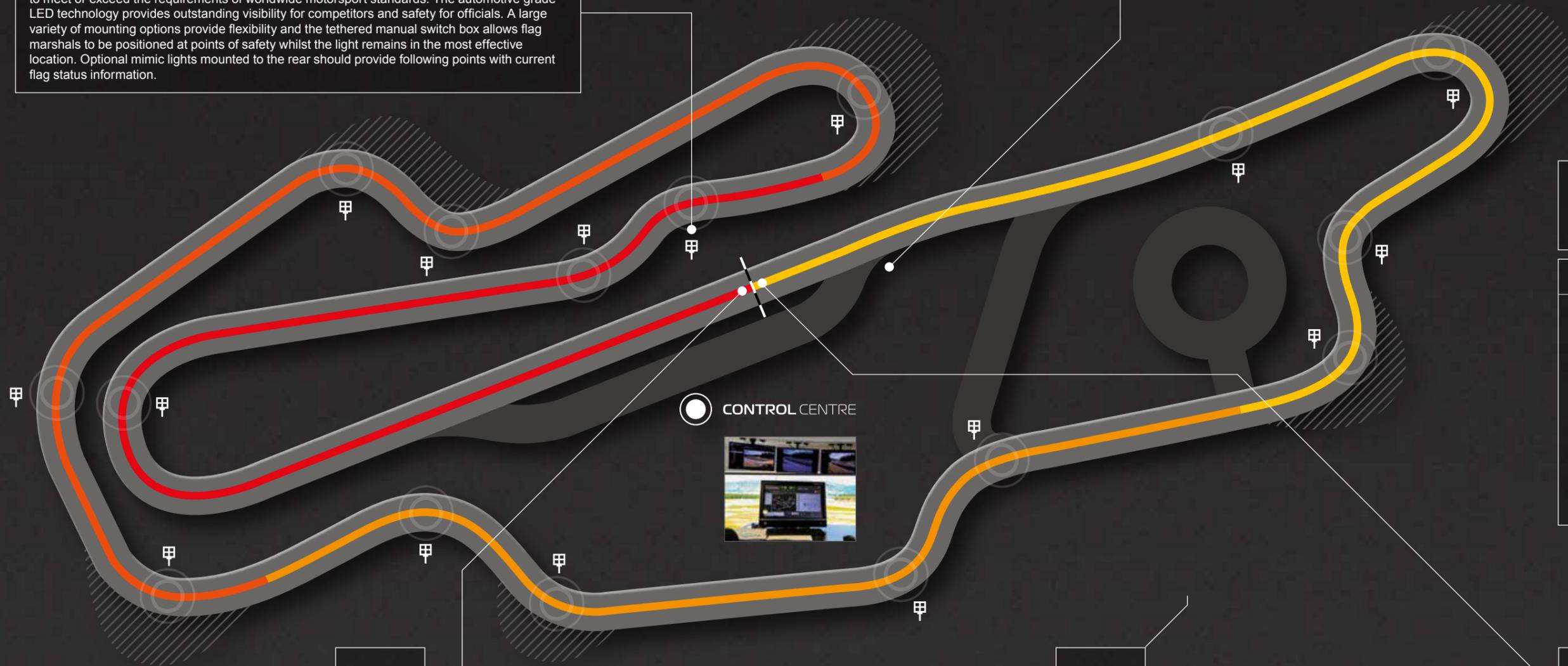
03: SUPERVIS

Update crowds with news and results. Just for spectators, the Supervis can be scaled to any size and located anywhere on your park. Supervis integrates information shared straight from the central control system.



04: MYLAPS

Sports timing for the new era, the MYLAPS application works in partnership with Alitrax to compare lap and race data so drivers can track their performance and see how they stack up against their peers and professionals alike. Advanced technology in mobile applications means track racing is no longer solely a spectator sport and MYLAPS is what takes participation to the next level.



07: START LIGHTS

The impressive Alitrax Start Light features ten panels with automotive grade LED technology, great for different types of starts: rolling, standing, safety car or aborted. Lights require no human involvement to automate start sequence, ensuring a completely objective start. Easy to use Alitrax Start Lights can be used in conjunction with Race Control Software or controlled via manual switch box and can be customised for the variety of race start applications used throughout the world.



06: NOISE MONITORING

Noise breaches can be a thing of the past. The Alitrax noise monitoring system can be interfaced into timing systems to help ensure that cars are identified accurately for noise issues. The system has the ability to keep a database of cars or drivers that consistently break noise limits. The proactive approach to noise control gives local residents peace of mind.



05: MEGA VIS

Located next to the start lights, the Alitrax Mega Vis display is a large 2sqm (22sq ft), full colour LED screen sending messages and graphical flags straight to drivers from the central control system.

NAUTECH ELECTRONICS

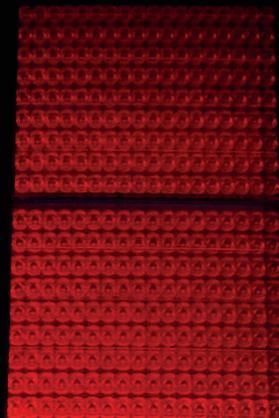
Smart, flexible electronic solutions

Alitrax is owned by Nautech Electronics and leverages off its significant experience in emergency management services, including electronics and emergency warning equipment for specialist vehicle fleets.

Nautech Electronics has been supplying the world with innovative solutions and products for over 25 years. With over 100 staff across Australia and New Zealand, Nautech Electronics manufacture products for many Tier 1 companies worldwide, delivering high quality, reliable products each and every time. The team includes specialists in engineering, research and development, installation, manufacturing, sales, customer service and materials management, along with all the required support functions.

It's a partner of choice across a large customer base from government and blue chip customers through to SME and technology exporters.

With the engineering and manufacture of Alitrax products managed by Nautech Electronics, race track owners, designers and event organisers can have faith not only in the quality of build and installation, but in dedicated after sales service and support.



**25 years of
engineering excellence.**

**Future proof your race track with Alitrax
Contact us today:**

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