



CASE STUDY

**Trikke Vehicles
Bring Electric
Mobility to the
World of Racing**



SCAN ME

CUSTOMER

NTT INDYCAR SERIES

CHALLENGES

- Ensure the safety and mobility of staff across large, crowded race venues
- Navigate tight paddock areas and restricted pedestrian zones
- Replace gas-powered vehicles with a quieter, cleaner, and more maneuverable alternative

SOLUTION

- Deploy a fleet of Trikke electric mobility vehicles to:
- Navigate efficiently through dense crowds and narrow spaces
 - Improve operational response times across multiple zones
 - Support safety, security, and medical teams with enhanced agility and access



The INDYCAR safety and security team manages operations at some of the largest and most iconic racing events in the world—from the Long Beach Grand Prix to the famed Indianapolis 500.

In 2024, INDYCAR launched a new partnership with Trikke Professional Mobility, introducing a fleet of electric Trikke vehicles to improve agility, efficiency, and environmental compliance in crowded paddocks and pit lanes.

Background

INDYCAR's operations involve high-volume venues that are often difficult to traverse with traditional vehicles. Golf carts and gas-powered options are no longer viable in many paddocks due to concerns over emissions, fire hazards, and maneuverability. As Director of Safety and Security Brian Mahome puts it:

"You have a large venue that's crowded with people, so getting golf carts through there or cars or any kind of vehicle is difficult 'cause you have to be able to maneuver through the crowds, around race cars, and sometimes tight areas that are set up for pedestrian traffic."

"And also as we get into the years now, a lot of the paddocks don't like gas-powered vehicles. It becomes a safety issue with the fire and also the emissions part of it."

The need for a safer, quieter, and more nimble alternative led Mahome and his team to Trikke.

Solution

Trikke's three-wheel electric mobility vehicles proved to be the ideal fit for INDYCAR.

Mahome explains:

"They're super maneuverable. One of the advantages I was surprised about is the height advantage, and when you're on this, it gives you a clear view over the crowd which helps with the mobility of it. It's the most intuitive vehicle I've ever been on."

Key features of the INDYCAR deployment included:

- Long battery life (up to 2–3 days on a single charge)
- Multiple gear levels for navigating varied terrain
- Independent suspension and a surfing-style lean system for intuitive control
- Compact footprint for maneuvering in pedestrian-only zones

Mahome adds,

"I can take anybody who's ever ridden a bicycle and in five minutes I can have them on this thing mastering the process."

Results

The adoption of Trikke vehicles has transformed how INDYCAR's safety and security teams operate. Personnel can now move between garages, pit lanes, medical stations, and grandstands quickly and cleanly—without noise, fumes, or clunky detours.

"This thing will push me up a hill, off-road, through gravel, a lot of different scenarios," says Mahome. "They have enough speed to get you out of trouble. I mean, you're not going to race them."

The visual height advantage allows staff to scan crowds more easily, and the electric operation is fully welcomed in emission-sensitive paddocks.

Conclusion

Trikke Professional Mobility has become a vital tool in INDYCAR's modern operations. From navigating high-traffic race venues to supporting mission-critical safety efforts, the electric three-wheelers are a game-changer. With enhanced visibility, zero emissions, and unmatched maneuverability, Trikke is helping INDYCAR stay ahead of the pack—on and off the track.

Request a quote today! call: 877-487-4553
email: info@trikke.com; site: [TrikkeMobility.com](https://www.trikke.com)

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