



The missing link for seamless caravan control

Controlling every aspect of a leisure vehicle at the touch of a button – that's what your next product range could include as standard with the help of Dutch tech company E-Trailer

Words David Guest

The modern motorhome and caravan user has changed a lot in the last 10 years. Many studies tell us that the leisure vehicle customer base is getting younger, more adventurous, and more technologically savvy. That last point is perhaps the most important of all – and is not only linked to younger demographics. Today's camper doesn't just desire their new caravan or motorhome to have smart technology on board, they expect it. So, how can you bring this essential selling point to your next product range? There's a fast-growing company in the Netherlands with the answers...



Rick Lenssen

Seamless connectivity

E-Trailer was founded 10 years ago by Boy Trip and Rick Lenssen with a mission to make technology in caravans and motorhomes a more seamless affair, for both producers and end-users alike. When the two young entrepreneurs came together, they quickly decided they should combine their talents to found E-Trailer.

Today, E-Trailer positions itself as a full-service solution for the digitisation of RVs. This year, the company has revealed its latest innovation, the E-Trail-



Boy Trip

er Lined Network, which offers complete integration of third party products such as heater, AC, light control and more in a caravan or motorhome. Combined with E-Trailer's collection of sensors (E-Sensors), that monitor critical aspects of the vehicle such as battery levels, tyre pressure,

and water and gas level, the system offers a complete overview of the vehicle. This integration can be done wired and wireless via connectivity systems including 4.2 and 5.0 Bluetooth, NB-IoT, CAT-M, 2G, 4G CAN-Bus, and CI-Bus (LIN-Bus).

The company also has its own in-house app development team, meaning it

can make all this connectivity usable from a tailor-made app for any specific brand. One of the things E-Trailer prides itself on is working closely with customers from the idea to the inception of the product to ensure it meets their needs precisely.

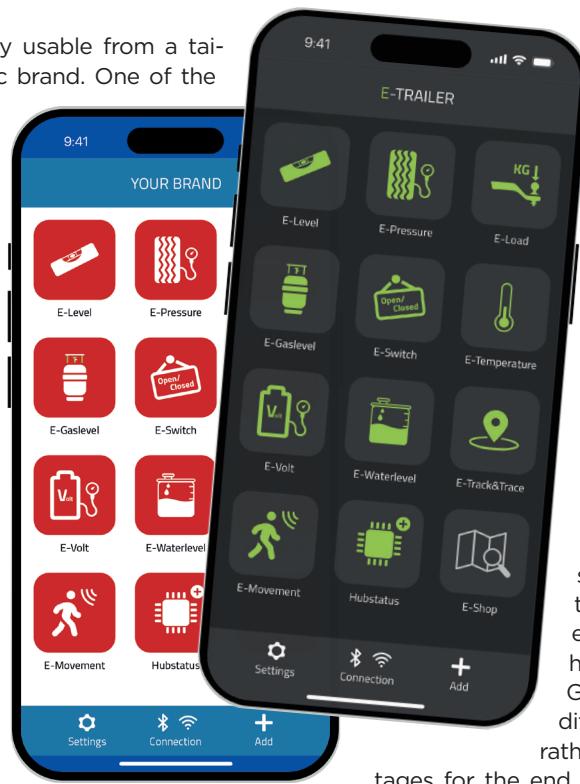
Customisation and control

Not every brand needs to offer a dazzling array of in-app control for their motorhome or caravan series – often, it depends on the target market and the price point of each specific model. E-Trailer has considered this and therefore offers four different Starter Packages of its service, catering for different requirements in terms of features and cost. They are Starter Package Basic, Starter Package CI-Bus, Starter Package Plus, and new for 2025, Starter Package Advanced.

Boy Trip, E-Trailer's CEO and Co-Founder, explains: *"The new Starter Package Advanced enables seamless integration with CAN-Bus, CI-Bus and BLE, making it easy to upgrade any vehicle into a smart, wirelessly controlled motorhome. It's an affordable solution that delivers clear benefits for manufacturers, retailers and end users."*

Trusted by the industry

The in-house design and full customisation that E-Trailer offers with its smart electronics has seen it work with some of the industry's most prestigious names. The company can count brands such as Hymer, Dethleffs, Kabe, Adria, LMC, and Chausson as some of its customers, to name just a few. The reason it has such an impressive list of B2B customers is largely down to the individual approach it takes when working with each one. Every aspect of the integration of the system in a series of motorhomes and caravans is conducted with keen



attention to detail. E-Trailer ensures its proven technology is measured, connected, and implemented exactly to the needs of its customers.

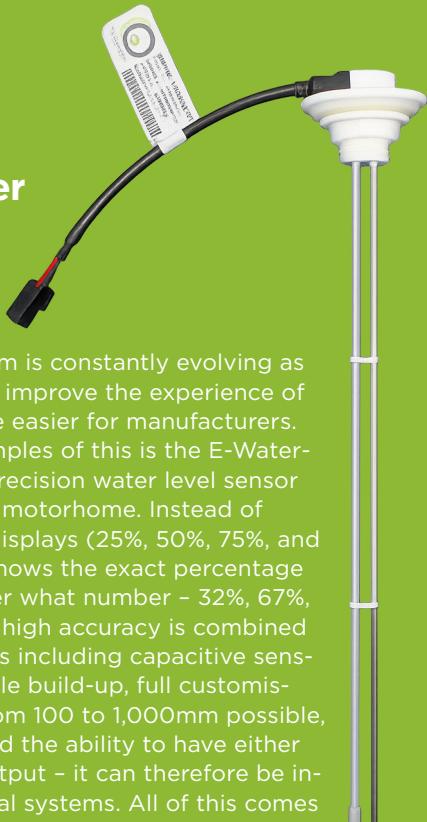
"With a fully in-house design and production process, E-Trailer offers flexibility and the ability to customise both hardware and software to your needs," says Boy Trip. *"Over the past decade, we've helped numerous manufacturers integrate smart technology into their vehicles. Our team specialises in developing tailored electronics and mobile apps for the RV industry."*

Another reason E-Trailer has enjoyed so much success in the industry is the fact that it can save producers money in the manufacturing of their RVs. The E-Trailer system represents a cost-effective solution to bring smart technology into an RV, often eliminating the need to have a built-in vehicle display installed by the manufacturer. Giving the ability to monitor and control the different aspects of an RV on a smartphone rather than a static display has many advantages for the end user too, – it's user-friendly, fully remote, and has the ability to be expanded with future sensors and products.

To learn more about E-Trailer and its Linked Network systems, visit the company website at e-trailer.nl/en/manufacturer



Precision water monitoring



The E-Trailer ecosystem is constantly evolving as the company seeks to improve the experience of campers and make life easier for manufacturers. One of the latest examples of this is the E-Waterlevel – a wired, high-precision water level sensor for every caravan and motorhome. Instead of traditional four-level displays (25%, 50%, 75%, and 100%), E-Waterlevel shows the exact percentage of water left, no matter what number – 32%, 67%, it doesn't matter. This high accuracy is combined with other key benefits including capacitive sensing to prevent limescale build-up, full customisability with lengths from 100 to 1,000mm possible, variable diameters, and the ability to have either digital or analogue output – it can therefore be integrated in all electrical systems. All of this comes in a cost-effective package with KTW-BWGL drinking water approval certificate. It can be used with many other apps and electrical systems, meaning it can replace almost any other water level sensor.