

CASE STUDY



Scheme: Zaptec Pro Electric Vehicle Charge Point Installation

Client: Rapier Systems Limited

Location: Mitchelston Business Estate, Kirkcaldy

Pre-installation photo



Brief Description of Works:

Tronius was invited to tender for the installation of 4no. electric vehicle (EV) charging points for a very successful communications business based in Fife. Rapier Systems are a market leader in high tech, specialised communications systems. The initial brief was to survey the car parking area for permanent installation locations and assess the capacity of the incoming power supply.

Challenges and Solutions:

The Clients' requirements were for Tronius to provide the best technology available to suit the on-site capacity at charging rates that would offer efficient use of energy. To enable Rapier Systems to transition from fossil fuelled transportation, the optioneering of the new system needed to be dependable, include easily identifiable billing as well as a good warranty period and have the capacity to charge at 22KW (if the energy system would allow). Owing to the expectations of the client, Tronius opted to conduct a short energy mapping survey and provide the 22KW capable Zaptec Pro.

This particular charge point has all the attributes and functionality needed and more. The customer portal is easy to use, there is also lots of "back office" support if required. The failure/dropout rates

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are exceptionally low. The Zaptec Pro has been long tested in Norway, in the harshest of winter weather conditions where they are manufactured.

The Benefits:

The Directors of Rapier Systems are now able to charge their newly acquired premium level executive EVs at their company headquarters during the day whilst they are busy developing their business, safe in the knowledge that they will not need to charge using the historically unreliable local charging network. Some additional benefits also include:

- The Zaptec Pro charge points installed at Rapier Systems can be managed via the free to use portal, meaning that the users can monitor, control access and bill accordingly.
- The costs reduction in commuting to work is vast, added to this, the satisfaction felt by the directors and employees alike that the company is doing as much as they can to decarbonise their processes is immeasurable.
- Energy consumption is easily monitored using the charge point data. This enables Rapier Systems to allocate the right amount of costs and report the positive reduction in CO2 emissions as a positive carbon offset (for every mile travelled using the EV compared to fossil fuel powered vehicles).
- Tax benefits are realised by companies that take advantage as early adopters of EVs. This typically translates to 1% or 2% per EV per annum depending on the spec and costs of the vehicle. Fossil fuelled vehicles are charged at a much higher premium costing many thousands of pounds per year to the driver as a BIK!

Post installation photos:



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Client Testimonial:

“Rapier Systems engaged with Tronius Limited to provide a supply and installation quotation for our required EV charge points. The Team at Tronius were thorough in their survey and offered a system wide approach.

We are very satisfied with the chosen system as it fits our needs and more.

The installation team were professional and efficient in conducting their works, we highly recommend Tronius.”

Richard Watson, Managing Director.

Why Tronius Limited:

Tronius are an experienced electrification, EV charge point and renewables installation contractor who work collaboratively with our Clients to find the best fitting and most cost-efficient solutions that will ultimately benefit them now and well into the future.

Tronius are “kit agnostic” to any specific manufacturers. This enables us to make sure that we choose the perfect fit systems in line with our bespoke “Energy Transition Plan” data output gathered for the Clients’ installation.

We can cover the whole of Scotland and the rest of the UK with our approved installation partners.