



Papilio3<sup>®</sup>

# Smart Solar EV Charging Hub



[www.3ti.co.uk](http://www.3ti.co.uk) | [www.papilio3.com](http://www.papilio3.com)



**Papilio3 is a revolutionary smart solar EV charging hub that solves the complex challenges of EV infrastructure deployment.**

Built using upcycled shipping containers and installed in under 8 hours, Papilio3 delivers 12 AC charge points with integrated solar power—all without requiring new grid connections, expensive upgrades, or extensive groundworks. It's the clean, simple, and rapidly deployed smart EV charging solution designed for fleets, workplaces, and destinations.



As a leader in the renewables sector, we are committed to using innovative solutions to reduce our carbon footprint while ensuring students have a positive experience during their time at the Academy.

**James Galloway**

Global Product Director at Segen Ltd.

## CASE STUDY

### Renewables Leader Deploys Papilio3 for Staff & Trainees

Segen, the UK's leading renewables distributor, installed a Papilio3 smart EV solar charging hub at its Training Academy in Kent. This partnership provides sustainable charging for staff and 1,600 annual trainees, while demonstrating Segen's commitment to practical sustainability solutions.

#### The Challenge:

- Needed EV charging for staff and training academy attendees
- Required solution aligned with company's sustainability values
- Wanted visible demonstration of renewable technology
- Needed rapid installation with minimal disruption

#### Results:

- 12 EV charge points installed in under six hours
- Custom-branded unit with digital displays for course promotions
- Integrated with existing operations
- Supports Segen's decarbonisation efforts and net-zero goals



#### Rapid deployment without disruption

Minimal enabling works and can be installed and commissioned in a single day.



#### Energy independence & cost savings

Cut grid reliance with up to 60,000 zero-emission miles from solar generation.



#### Complete control & commercial flexibility

Set your own tariffs for different user groups while we handle the back-office.



#### Fully packaged O&M

Full O&M service, including 24x7 driver support, remote monitoring and management.



#### Solar Power & Charging

19.32kWp solar array with 12 AC charge points for clean, flexible multi-vehicle charging.



#### Smart Grid Management

Optimises existing connections without upgrades, ensuring reliable charging while reducing emissions.



#### Safety & Accessibility

ChargeSafe-accredited with CCTV, lighting, and compliant bays for secure, inclusive charging.



#### Payment & Support

Multiple payment options with comprehensive monitoring and maintenance for seamless operation.



## CASE STUDY

### UK's First Police Force to Deploy Papilio3 Solar EV Charging

Merseyside Police installed a Papilio3 solar EV charging hub to support their transition to an electrified fleet while advancing their Net Zero 2040 commitment. As the first police force in the UK to adopt this innovative solution, they're setting a new standard for sustainable emergency services.

#### The Challenge:

- Needed reliable charging for growing EV fleet
- Required rapid deployment with minimal disruption
- Sought solution to accommodate various vehicle types

#### Results:

- 12 EV charging points deployed in a single day
- Generates 18MWh of solar electricity annually
- Enhances operational resilience with secure charging
- Advances Net Zero 2040 strategy



Installing the 3ti EV charging hub allows us to provide flexible charging for our diverse fleet, which is integral to our sustainability strategy's success.

**Keith Dickinson**

Director of Resources at Merseyside Police



## CASE STUDY

### Destination EV Charging solution for academic institutions



The University of Surrey partnered with 3ti to install a Papilio3 solar EV charging hub, showcased on the popular Everything Electric Show with host Robert Llewellyn documenting the rapid installation process.

#### The Challenge:

- Needed sustainable charging solution for campus
- Required minimal disruption to university operations
- Wanted to avoid lengthy grid upgrade delays

#### Results:

- Complete installation in less than 8 hours
- Provides both destination and workplace charging
- Demonstrates university's sustainability commitment



It is an amazing thing to see it go up so quickly. It has probably been 6 hours since I arrived here, and I am charging. That is pretty impressive when these things usually take months...

**Robert Llewellyn**, Host of Everything Electric Show

## Why Choose Papilio3?

While standalone EV chargers struggle with reliability and solar car parks require lengthy planning and construction, Papilio3 delivers the best of both worlds in a single day. It's the ideal solution for:

- ✓ Fleets needing reliable charging for growing EV operations
- ✓ Workplaces wanting to provide employee and visitor charging
- ✓ Destinations looking to attract and retain EV-driving customers
- ✓ Organisations with sustainability goals seeking visible leadership

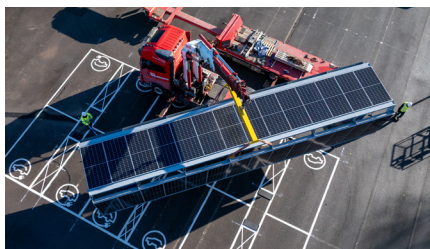
## Ready to get started?



1

### Feasibility Study

Tell us about your location and requirements. Our team will assess your existing grid connection, car park layout, and EV charging needs to ensure Papilio3 is right for your site.



2

### Single-Day Installation

We'll deliver, install and commission your Papilio3 within 24 hours with minimal disruption. From arrival to first charge in just one day.



3

### EV Ready

Start charging immediately with your solar-assisted hub. Enjoy complete control over tariffs while we handle monitoring, maintenance, and driver support to ensure reliable operation.

## Don't let EV infrastructure challenges slow your sustainability journey.

Contact 3ti today for a free site feasibility assessment and discover how Papilio3 can deliver immediate EV charging capability with long-term environmental and financial benefits.



[www.3ti.co.uk](http://www.3ti.co.uk) | [www.papilio3.com](http://www.papilio3.com)

#### General Enquiries:

Email: [info@3ti.co.uk](mailto:info@3ti.co.uk)

Tel: +44 (0) 3332 343 703

#### Sales:

Tel: +44 (0) 3331 121 371

Hours: Mon-Fri 9:00AM – 5:00PM GMT

Riverbridge House, Fetcham Grove, Leatherhead,  
Surrey, KT22 9AD