

RSR was appointed
to deliver the complete
M&E infrastructure
for the new hangar at
London Elstree Aerodrome

Built by Now Construction,
RSR completed the
M&E infrastructure for their new
office facilities and hangar at
London Elstree Aerodrome





Elstree, Hertfordshire -
Hanger and Office M&E installation
Project Length: 18 week programme

About London Elstree Aerodrome

Perched on the edge of the Hertfordshire countryside, London Elstree Aerodrome serves as a premier gateway for general aviation, blending a storied wartime heritage with the precision of modern flight.

As one of the most active hubs in the region, it provides a seamless 24-hour link for private pilots, flight schools, and charter services just miles from the heart of the capital.

Whether you are navigating its unrestricted airspace or enjoying a front-row seat to the runway at The Aerodrome Cafe, Elstree remains a vital and vibrant landmark in the UK's aviation landscape.

Project Overview

RS Response was appointed to deliver the complete mechanical & electrical infrastructure for the new hangar and adjoining office facilities at London Elstree Aerodrome an exciting development built by Now Construction, designed to enhance operational capacity and modernise the site's technical capabilities. The project demanded a seamless integration of power, lighting, data, and life-safety systems to support both aviation activity and everyday workplace requirements.

The project demanded a seamless integration of **power, lighting, data, and life-safety systems** to support both **aviation activity** and everyday workplace requirements.

Our works encompassed the installation of the Main LV Panel, full LV distribution, and all associated containment, forming the backbone of the building's electrical network. Within the hangar and office areas, we supplied and installed high-performance internal lighting solutions with advanced lighting controls, along with small power services essential for both industrial and administrative environments.

Safety and security were prioritised through the deployment of fire detection, access control, intruder alarms, CCTV, and a complete lightning protection system. Externally, we enhanced visibility and safety with building-mounted luminaires and control systems tailored to the aerodrome setting.

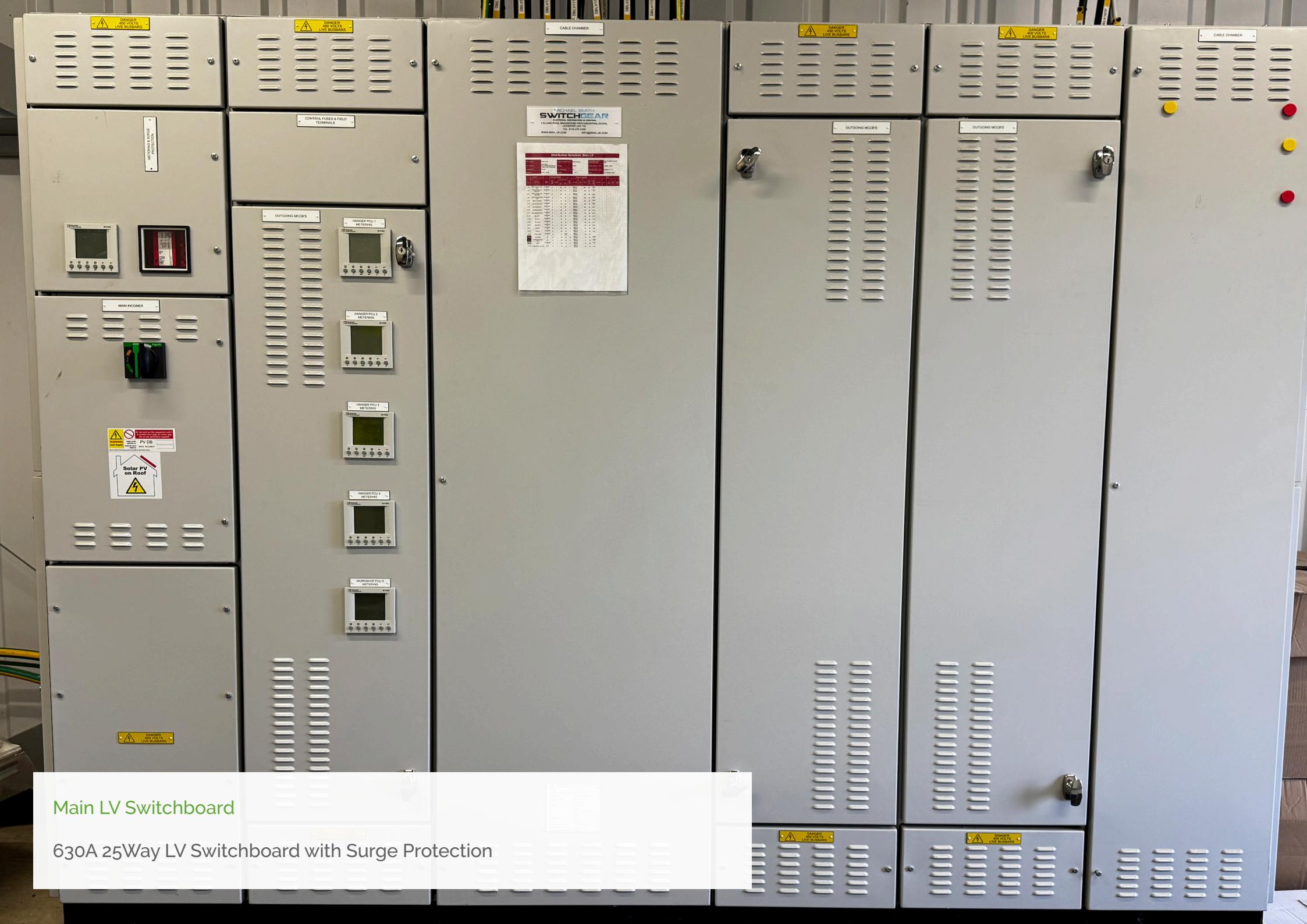
In addition, we delivered robust data installation, power cluster assemblies, and the supply and installation of electric vehicle chargers - ensuring the new facilities are equipped for modern operational needs and future expansion. Through this comprehensive scope, RS Response played a central role in supporting the creation of a technologically advanced, secure, and future-ready hangar facility at London Elstree Aerodrome.





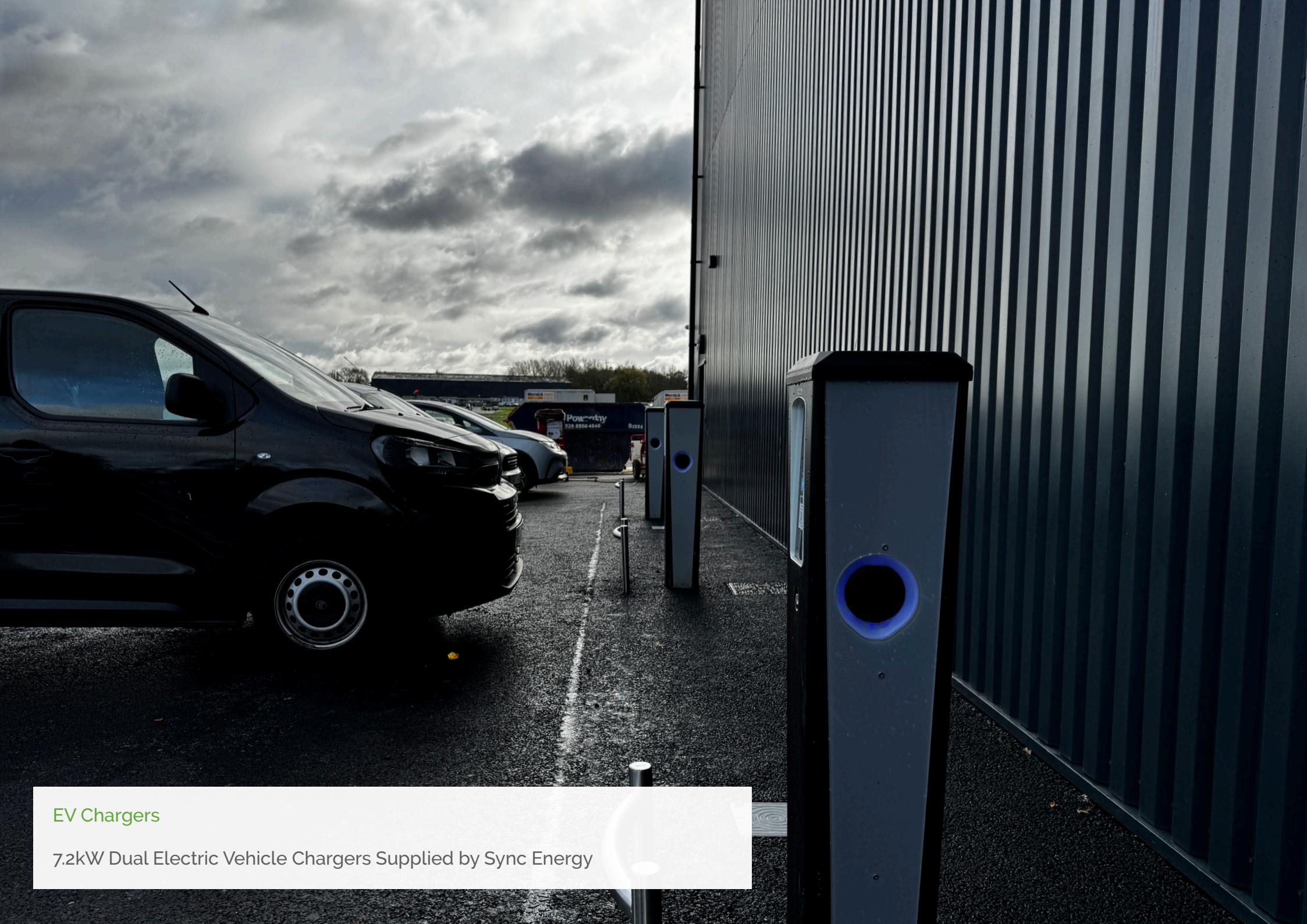
Maintenance Hanger PDU's

Multifunctional Power Distribution for Helicopter Maintenance



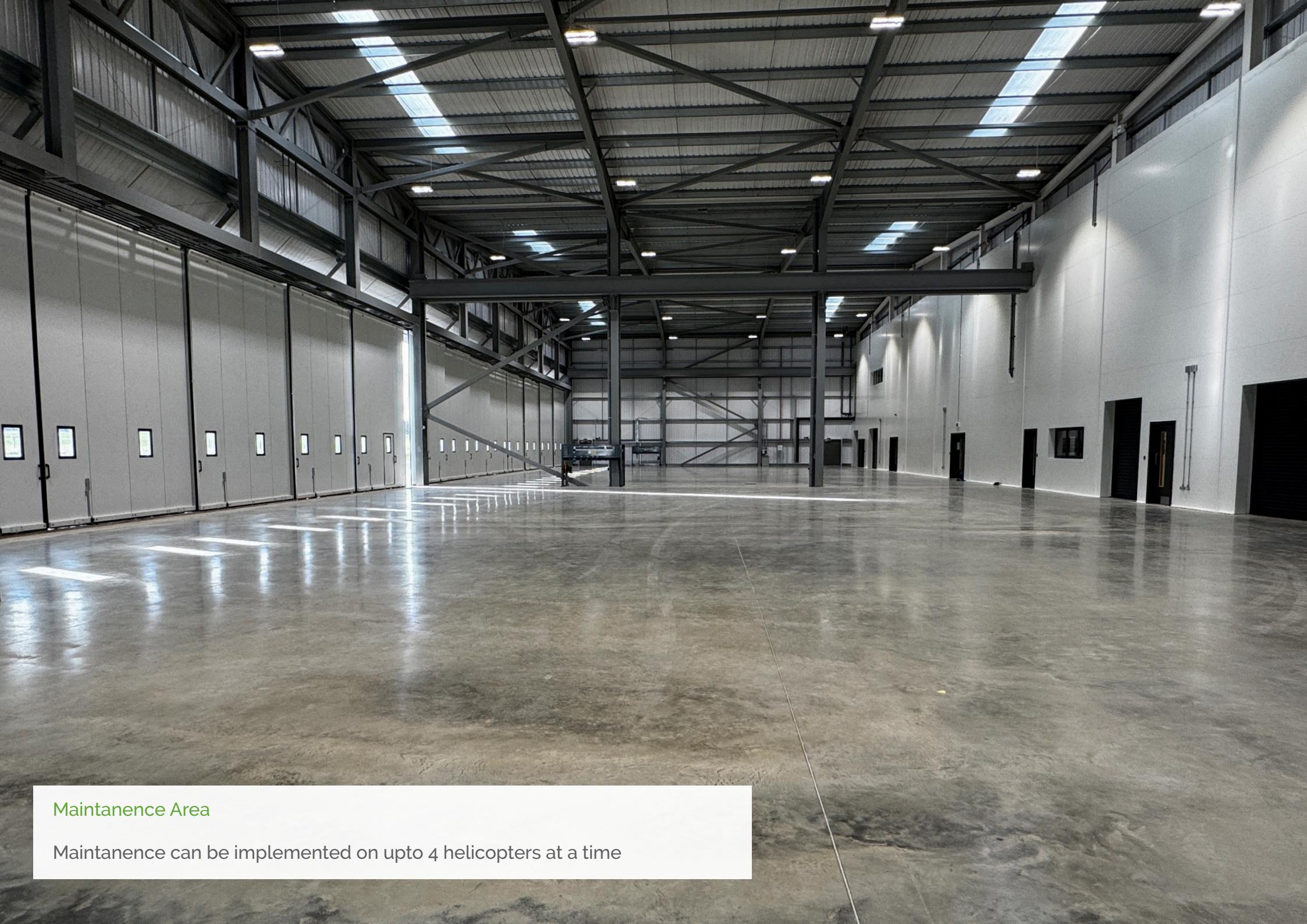
Main LV Switchboard

630A 25Way LV Switchboard with Surge Protection



EV Chargers

7.2kW Dual Electric Vehicle Chargers Supplied by Sync Energy



Maintanence Area

Maintanence can be implemented on upto 4 helicopters at a time



BRUKL

We were approached to undertake the BRUKL calculations for this project .
The installation achieved an EPC Rating A.







Design | Build | Maintain

01908 218830

www.rsr.co.uk

info@rsr.co.uk

📍 Lumen House Rockingham Drive Linford Wood Milton Keynes MK14 6LY