

Case Study



GARRISON : Scaling New Heights For The Telecoms Industry

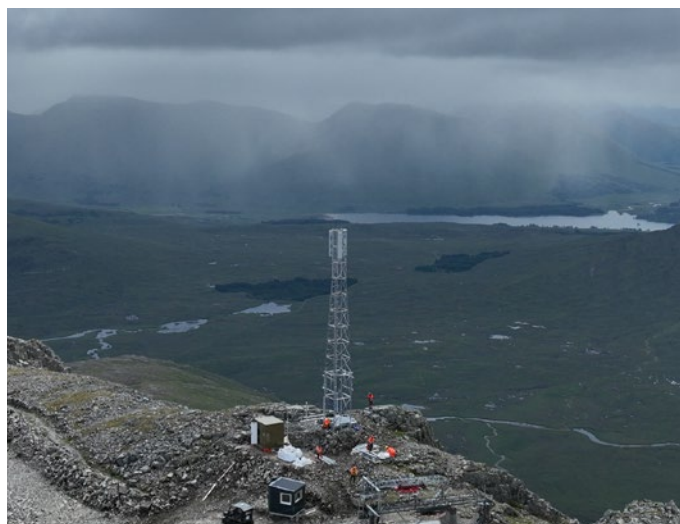
The established Garrison Modular Housing range has provided unique solutions to numerous challenging and individual applications for over 40 years, with our client's specific needs always at the forefront. Since 2017, Garrison has been the mobile Telecom industry's preferred choice for the provision of robust, durable and high-quality GRP Foul Weather Enclosures (FWE's) for various network installations within the UK. To date, more than 250 No. fixed specification enclosures have been supplied, predominantly throughout the Highlands and Islands of Scotland, often in remote and inaccessible locations.



About WHP Telecoms

When it comes to network coverage and telecommunications infrastructure, few companies are as experienced and customer oriented as WHP Telecoms Limited. Offering their bespoke telecom solutions up and down the country, WHP are the industry leader in both mobile and fixed network solutions.

As a Tier 1 provider, WHP have previously partnered with industry staples like BT, Vodafone, and Virgin Media, whilst also working alongside important institutions such as the Home Office and the Scottish Government. With over 35 years of expertise, WHP have garnered one of the largest and most professional telecoms workforces in the UK, able to deploy their expert services across the nation.



The Challenge

WHP Telecoms reached out to us in March 2024 regarding the urgent provision of a Garrison FWE to one of their live projects at that time in the Scottish Highlands, to protect critical telecoms equipment. The location in question was one of the highest altitude cell sites in the UK (at 1080m above sea level) and extremely exposed, with windspeeds up to 124mph likely to be encountered.

The Solution

Our Garrison™ (GRP) Modular Housing Range was selected due to its proven track record for the provision of safe, secure equipment accommodation in similar demanding applications. For complete piece of mind, swift (independent) structural analysis of the enclosure confirmed its suitability for this extreme site.

Supplied with an electrical installation comprising of lighting, power, ventilation, and cable management to minimise installation time on site, the Garrison FWE fully complies with relevant telecoms industry specifications and can be quickly and easily tailored to meet individual customer requirements.

Due to the restrictive mountain top site, our standard method of fully assembled delivery and offloading via a suitable crane-equipped vehicle was not possible, nor was optional kit-form supply, followed by on site assembly, either by our own experienced workforce or the clients own appointed operatives. Instead, rotating lifting eyes were fitted to allow delivery to final site by helicopter!



The Result

In accordance with the clients end of May 2024 deadline, assembly of the Garrison FWE was fully completed and transported within close proximity of the mountain top location. From there, WHP Telecoms then arranged for a suitable Helicopter to airlift the enclosure up to the cell site and safely land it onto the prepared concrete base, where it was securely base fixed and sealed by their own experienced site engineers.

Peter Burnell, Programme Manager at WHP Telecoms had this to say:

'Glasdon's performance was exceptional. We urgently needed a Garrison Foul Weather Enclosure specifically designed for a high-altitude location. They were highly reactive, easy to deal with, and proactive in providing updates, all leading to the speedy delivery of this bespoke Garrison. This effectiveness allowed us to deliver for our client within challenging time frames and constraints. Thank you!'



This FWE installation is just the latest example of Glasdon's ongoing scope of supply to the Telecoms industry over the past four decades. Most recently we are extremely proud of our ongoing role in supporting the UK's ever-growing mobile telecoms industry, including the Emergency Service Network (ESN), providing increased mobile coverage to the remotest parts of these Islands' shores



enquiries@glasdon-uk.co.uk



www.glasdon.com

