



## Case study

### Mt Snowdon Summit Building

**Client**

Snowdonia National Park Authority

**Problem**

Safe roof access required for accessing perimeter gutters

**Solution**

ManSafe® Horizontal Cable-based fall protection system

**Product Details**

3 x Latchways ManSafe fall arrest systems with H-Xtenda shock absorbers.

## Background

The Summit building at Hafod Eryri (Mount Snowdon) is located at 3,560 ft (1,085 metres), above sea level—the highest point in the British Isles outside Scotland. The building, which was officially opened in June 2009, attracts half a million visitors per year and includes a visitor centre and café.



### Problem

The building is designed with a series of perimeter gutters which need regular cleaning and maintenance checks. To ensure these areas could be safely accessed from the roof, a fall protection system was required. However, with the building in such an exposed location, the Snowdonia National Park Authority required a system that would be able to endure winds of up to 150 mph (twice hurricane force), over 5 m of rain annually and temperatures of well over -20°C!

### Solution

Following a full site inspection, EuroSafe Solutions Ltd—one of Latchways' Registered Installers—specified a ManSafe® Horizontal cable-based fall protection system to be used in conjunction with a Latchways Personal Rescue Device® (PRD®). When used in conjunction with a Latchways Transfastener the cable system offers—up to a maximum of 2 users—a hands-free fall protection solution to undertake the ongoing maintenance tasks that the building requires. Affixed to structural stainless steel support posts, the potential fall arrest loads are managed through the inclusion of H-Xtenda shock absorbers in the system—designed to ensure end loads are controlled to beneath 19KN. All Latchways products are independently tested to ensure consistent performance, and with all components being manufactured from 316 marine grade stainless steel, the system is more than capable of withstanding the harsh weather conditions. After having initially designed and installed the system, EuroSafe Solutions then won the 5 year contract to undertake the inspection and maintenance of it.



“We chose the wire access systems from Eurosafe Solutions when the building was designed as they had minimal visual impact on the building and the environment, yet they were very robust and met all our safety access requirements. We have been delighted with the way the building looks and how the access systems have performed in these conditions. We are pleased to be working with Eurosafe Solutions on the ongoing testing and inspection of the systems, which is part of our commitment to the safety of this building....This is a uniquely hazardous environment and planned scheduled maintenance is essential to minimise the risks to our staff and outside workers.”

**Peter Trumper,**  
Head of Property Services

## Latchways plc

All around the world, people work safely at height thanks to Latchways' fall protection systems. With over 35 years of experience at the cutting edge of fall protection they set the standard for innovation, performance and quality. Latchways are trusted to ensure worker safety on a wide range of buildings and structures, as well as throughout various industries, such as aerospace, energy, utilities and telecommunications sectors.



All Photography courtesy of Ben Bevan-Pritchard.

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