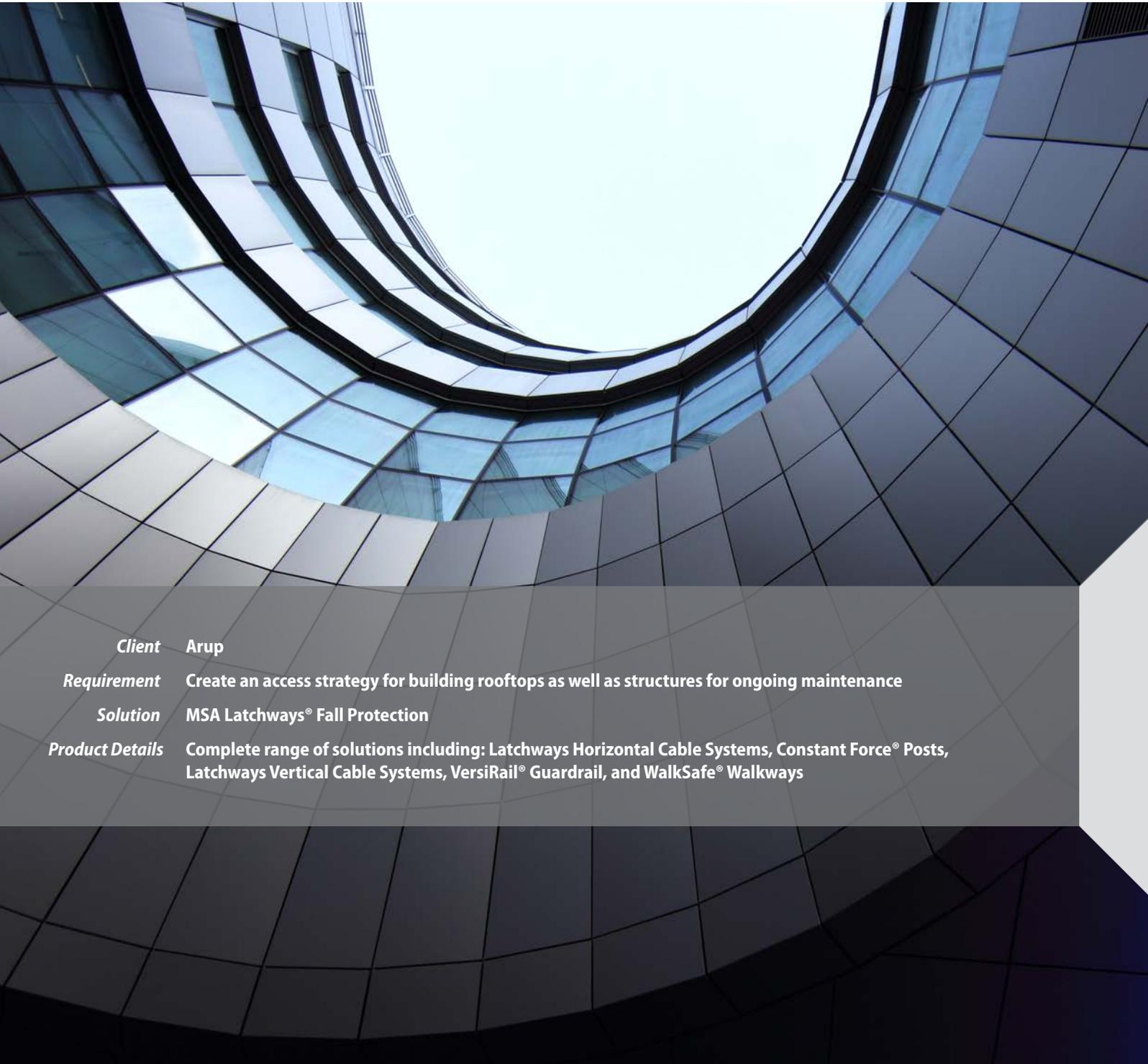


Case Study

Arup



Client Arup

Requirement Create an access strategy for building rooftops as well as structures for ongoing maintenance

Solution MSA Latchways® Fall Protection

Product Details Complete range of solutions including: Latchways Horizontal Cable Systems, Constant Force® Posts, Latchways Vertical Cable Systems, VersiRail® Guardrail, and WalkSafe® Walkways

WE KNOW WHAT'S AT STAKE.

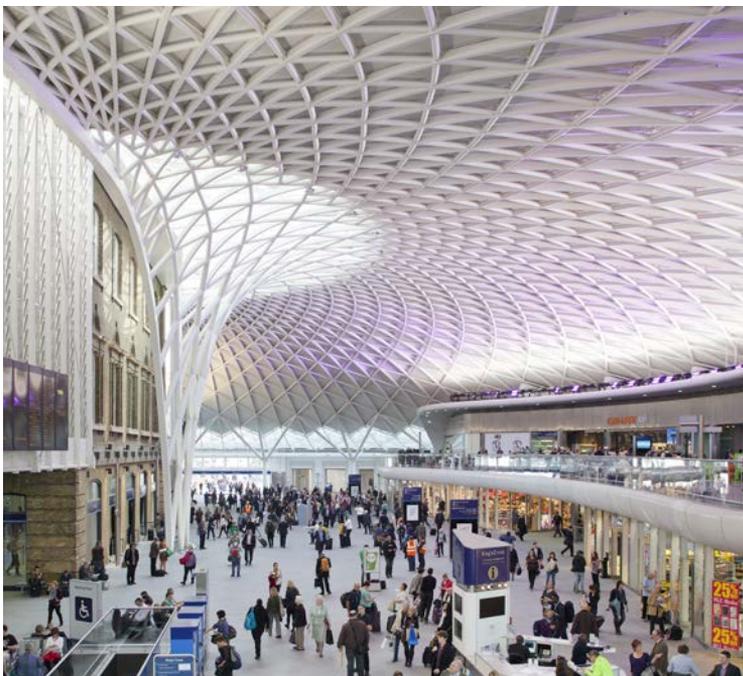


Background

Arup is an independent firm of designers, planners, engineers, consultants and technical specialists offering a broad range of professional services. They offer services in building design, infrastructure design, and related areas.

Headquartered in London, Arup has over 11,000 staff based in 92 offices across 42 countries. It has participated in projects in over 160 countries. These include some of the most prestigious architectural structures in the world, such as the Sydney Opera House, the Centre Pompidou in Paris, new builds for the 2008 Beijing Olympics, and the 2012 London Olympics.

Arup has a specialist Access and maintenance consultancy team; given the nature of the projects Arup is frequently involved in, consulting on fall protection systems forms an integral element in most of their building projects.



The Requirement

The majority of new and existing buildings require safe access to the roof area for ongoing building maintenance and to service specialist equipment such as telecommunications masts, skylights, air conditioning units, elevator machinery, and PV panels.

Integrating this access into a building's design at an early stage provides a number of benefits, such as:

- Architects and the design teams can address facilities for ongoing maintenance
- Building owners and facilities managers can be assured maintenance staff have the safety systems they need to carry out their duties
- Architects can have more aesthetic control over the building

Arup regularly advises its clients on fall protection systems for a wide variety of structures. Much of the architecture is unique in design and brings new challenges to worker safety at height. This calls for systems that are not just of the highest quality, but also innovative and versatile. By working with MSA, Arup is able to meet those requirements.

The MSA Solution

The variety of projects Arup works on means it specifies most of MSA Latchways products and solutions. These include roofing fall protection (WalkSafe Walkways, VersiRail Guardrail, and Constant Force Posts are used as the basis of a modular system for any roof type), through to Fixed Ladder Systems (providing personal safety for individuals working on any type of fixed ladder).

To ensure perfect system integration, Arup calls upon MSA at the earliest stage of a building project. Close collaboration focuses on fall protection solutions designed to dovetail with the architect's vision, resulting in aesthetically pleasing MSA Latchways Systems that fit seamlessly with the design.

Often the process starts when MSA's in-house specification team works with Arup to assess individual installation requirements. MSA designs the right system to meet these requirements, helping with CAD concepts, working drawings, and plans.

Because Arup and MSA have worked together for many years, Arup thoroughly understands MSA's products and systems, enabling them to create their own designs. In this case, MSA offers a checking service to make sure that the approach is the best available for that particular application.

Arup particularly values MSA's ability to respond to a variety of access requirements, whether they are new build or retrofit. In the Middle East, for example, where roofs are clad in a wide range of different materials, shapes and contours, versatile MSA Latchways Systems adapt well to these requirements.

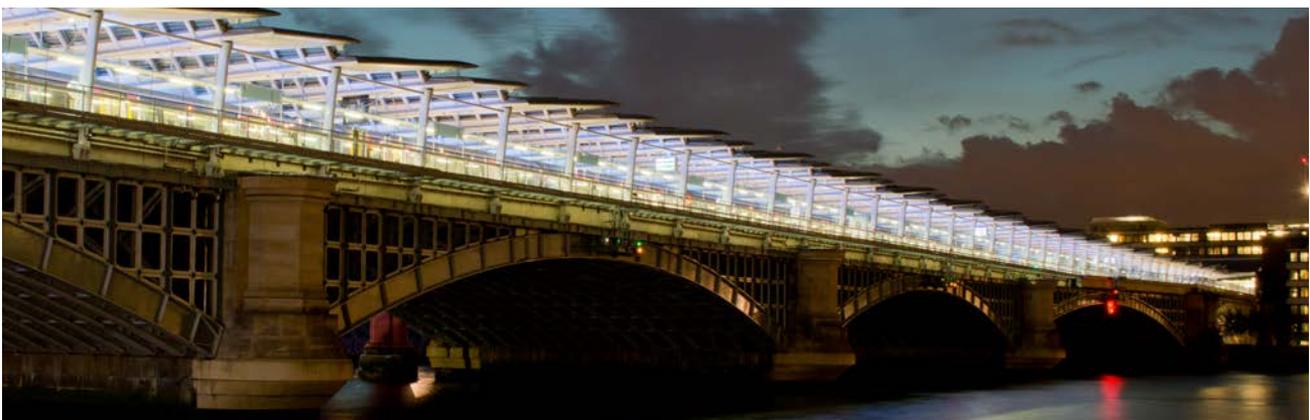
Located in all parts of the world, Arup's clients can depend on the most reliable and easy-to-use fall protection systems available today, backed up by comprehensive and experienced consultancy support.

Benefits to Arup

- **Peace of mind for Arup's clients**—MSA's fall protection solutions help ensure the safety of workers at heights.
- **Value-added service**—Arup provides fall protection as part of their service, confident that MSA can provide ideal solutions.
- **Retaining the architect's vision**—By specifying fall protection at the beginning of each project, Arup can help architects create more aesthetically pleasing buildings.
- **Cost-effective solutions**—Close, supportive partnership between Arup and MSA ensures that projects run smoothly and costs are kept to a minimum.

“ We have a close working relationship with MSA, and our whole team holds MSA Latchways Fall Protection Systems in great professional regard. MSA is always on the list when we are specifying fall protection systems not least due to the quality, versatility, long life, and aesthetic appeal of their equipment, but also because their teams are always prepared to work with us to find new approaches whenever the installation dictates. ”

Ian Lockwood, Senior Access and Maintenance Consultant – Arup



MSA—The Safety Company

Our business is safety. We've been the world's leading manufacturer of high-quality safety products since 1914. MSA products may be simple to use and maintain, but they're also highly-sophisticated devices and protective gear—the result of countless R&D hours, relentless testing and an unwavering commitment to quality that saves lives and protects millions of hard working men and women each and every day. Many of our most popular products integrate multiple combinations of electronics, mechanical systems and advanced materials to help ensure that users around the world remain protected in even the most hazardous of situations.

Our Mission

MSA's mission is to see to it that men and women may work in safety and that they, their families and their communities may live in health throughout the world.

WE KNOW WHAT'S AT STAKE.

Note: This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



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MSA – The Safety Company

1000 Cranberry Woods Drive
Cranberry Township, PA 16066 USA

Phone 724-776-8600

www.MSAsafety.com

U.S. Customer Service Center

Phone 1-800-MSA-2222

Fax 1-800-967-0398

MSA Canada

Phone 1-800-672-2222

Fax 1-800-967-0398

MSA Mexico

Phone 01 800 672 7222

Fax 52 - 44 2227 3943