

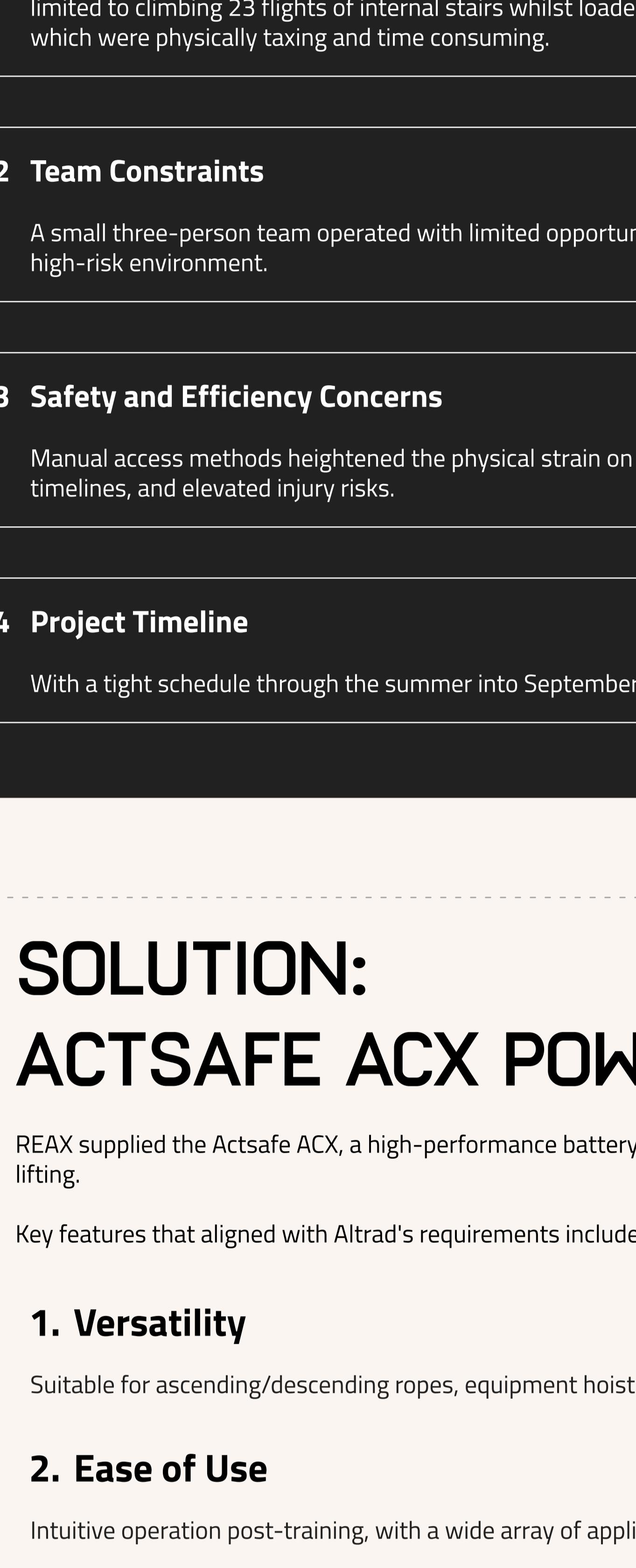
CASE STUDY

Altrad Services

| Sector: Industrial Services

REAX

Enhancing Safety and Efficiency in High-Altitude Cladding Reinforcement with Actsafe ACX Powered Ascenders



In the summer of 2025, Altrad, a leading industrial services provider, partnered with REAX to deploy ACX powered ascenders for a challenging cladding reinforcement project on a 50-meter-high building elevation. Facing significant physical demands and time constraints with a small team, Altrad integrated two ACX units into their operations. The result was a transformative improvement in safety, worker well-being and productivity, minimising fatigue and reducing the project duration by approximately two weeks.

This marked Altrads's first experience with Actsafe powered ascenders supplied by REAX, a trusted provider of specialised height access, safety and rescue equipment. The collaboration began with REAX providing comprehensive accredited training, setting the stage for their integration into Altrads's operations on site.

PROJECT REQUIREMENTS AND CHALLENGES

The project presented several operational challenges on their workforce:

01 Access Limitations

Workers needed to reach the building's exterior multiple times per shift, typically three to four ascents and descents. Options were limited to climbing 23 flights of internal stairs whilst loaded with equipment or manually ascending 50 meters on ropes, both of which were physically taxing and time consuming.

02 Team Constraints

A small three-person team operated with limited opportunities for rotation, increasing the risk of fatigue and potential errors in a high-risk environment.

03 Safety and Efficiency Concerns

Manual access methods heightened the physical strain on operatives, potentially leading to reduced productivity, extended project timelines, and elevated injury risks.

04 Project Timeline

With a tight schedule through the summer into September, any delays could impact overall delivery and costs.

SOLUTION: ACTSAFE ACX POWERED ASCENDERS

REAX

REAX supplied the Actsafe ACX, a high-performance battery-powered ascender designed for rope access, rescue, and equipment lifting.

Key features that aligned with Altrad's requirements included:

1. Versatility

Suitable for ascending/descending ropes, equipment hoisting, providing active and remote rescue provisions.

2. Ease of Use

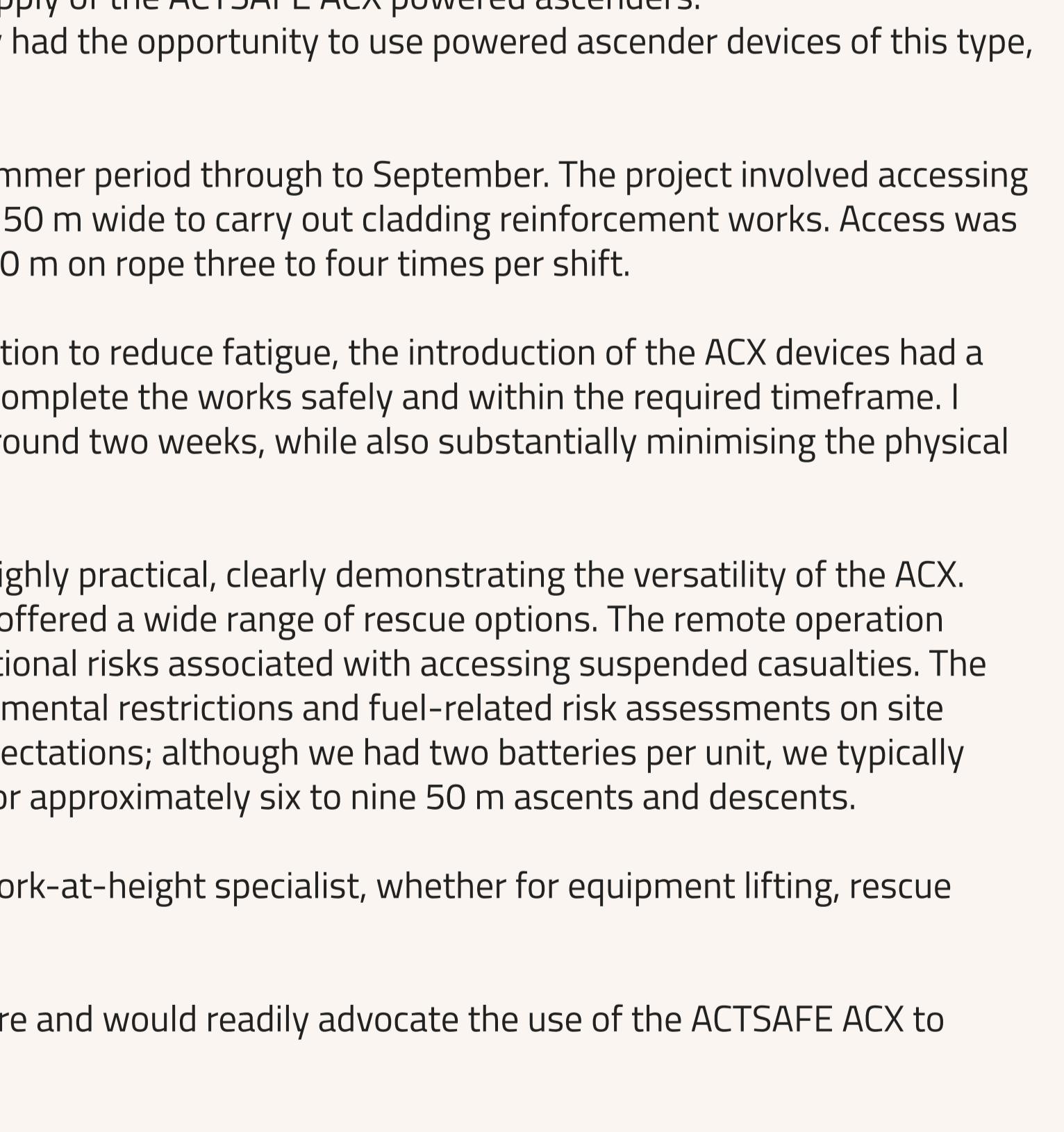
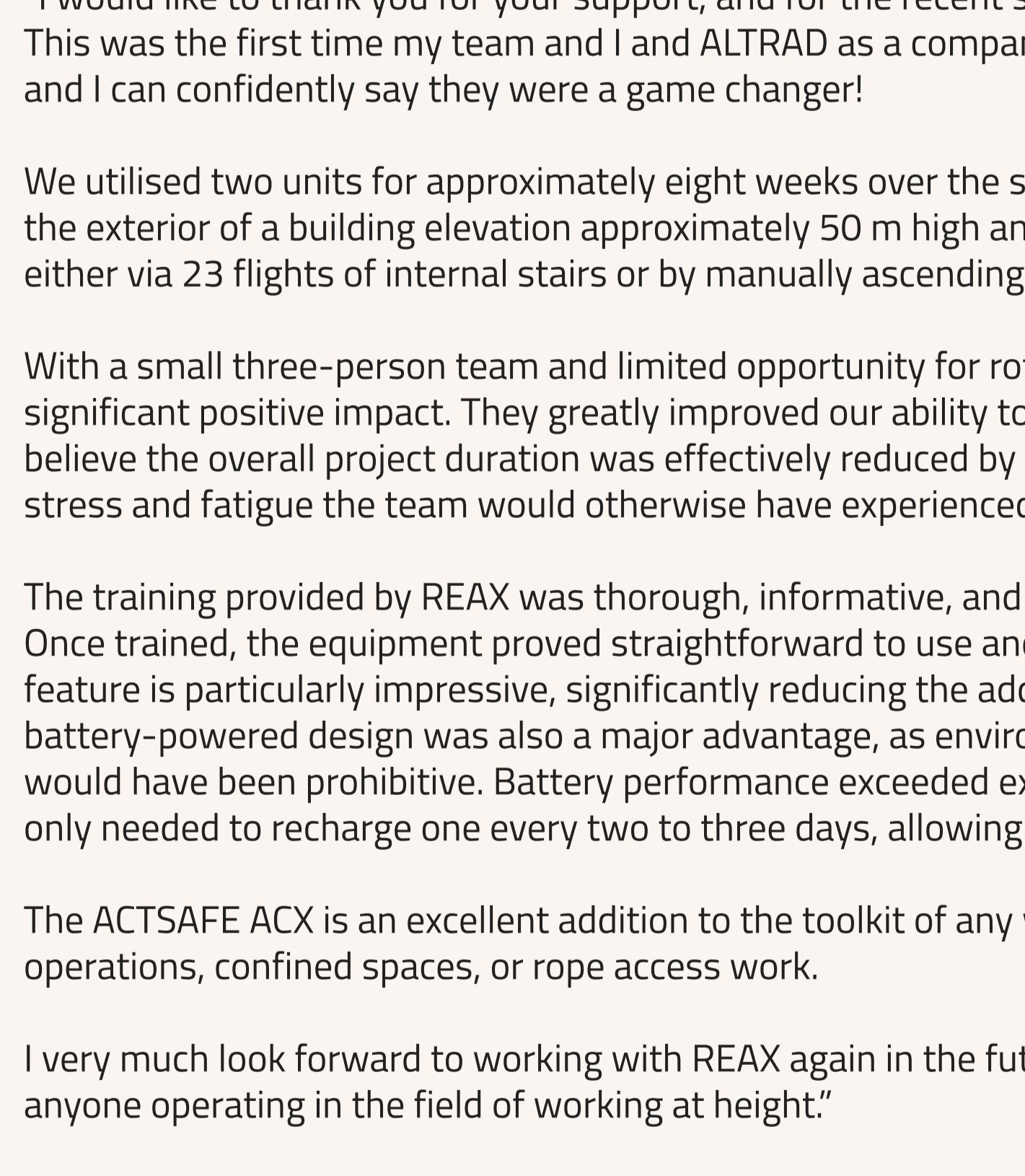
Intuitive operation post-training, with a wide array of applications including enhanced rescue provisions.

3. Remote Operation

Allows precise control from a distance whilst lifting equipment and reduces the risks associated with active rescue plans.

4. Battery-Powered Design

Each unit comes with two high-capacity batteries, offering extended performance of up to 550m working range with an average of 100kg load.



IMPLEMENTATION

Altrad deployed two Actsafe ACX units over an eight-week period from summer through to September 2025.

The implementation process included:

1. Training Phase

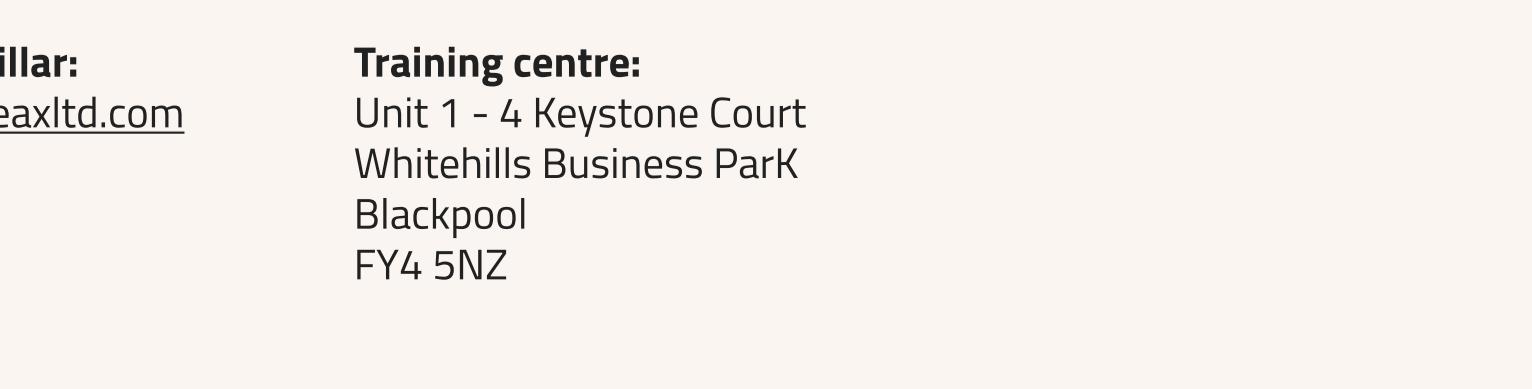
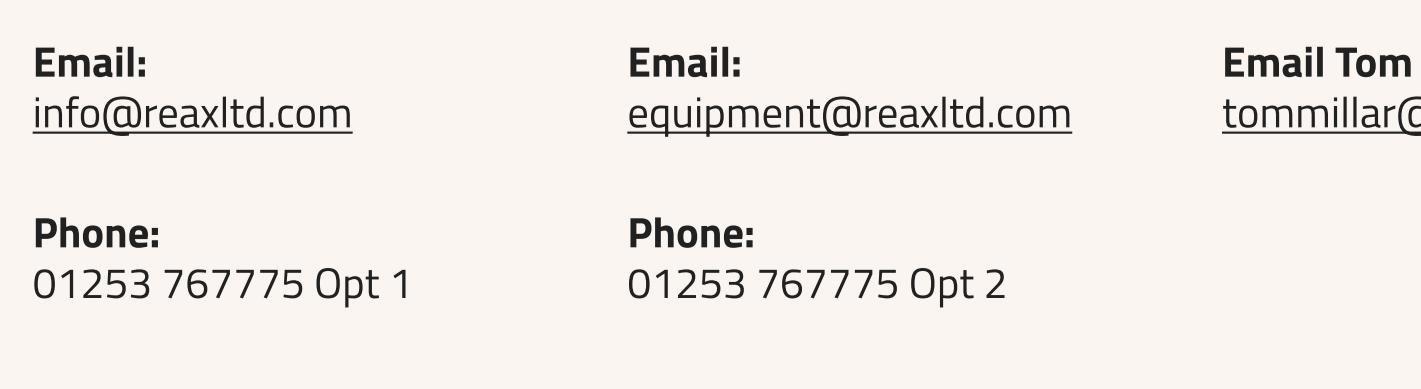
REAX provided an accredited 2-day personnel and equipment lifting course on-site to Altrad's team, demonstrating the ACX's full capabilities and ensuring safe, confident usage also advising on device maintenance.

2. Operational Integration

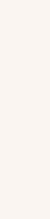
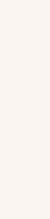
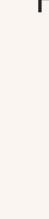
The devices were used for daily access to the 50-meter elevation. Workers performed approximately six to nine full ascents and descents per battery charge cycle, with recharges needed only every two to three days despite having backups available.

3. Monitoring and Adjustments

Throughout the project, the team monitored battery performance and device reliability, noting that it consistently exceeded expectations in a demanding environment.



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