

## PROFESSIONAL SERVICES

### Antenna and Radome Installation Project

## New LEO Earth Station to Enhance Maritime and Aviation Safety in the South Atlantic

A leading provider of low Earth orbit (LEO) satellite communications, sought to expand its coverage to the southernmost remote parts of the South Atlantic Ocean. The establishment of this earth station would not only improve telecoms coverage across the region, but also contribute to closing the digital divide within the South Atlantic Ocean, including the remote islands of Tristan da Cunha and Ascension.

The new earth station would also greatly enhance maritime and aviation safety in the region. By providing reliable high-speed low latency connectivity, the gateway would improve the travel experience and safety of navigation for aircraft and vessels. This would be particularly significant for the island's remote location, where communication services are often limited.

## Project Scope and Challenges

The customer required professional services for the installation, commissioning, and field testing of 17 antennas on an island. The project posed unique challenges due to the island's remoteness, with travel restricted to one weekly flight, frequently subject to delays or cancellations caused by harsh weather conditions.

## Partnering with Speedcast

Speedcast was awarded the project based on proven expertise in teleport construction, management, and maintenance, including past experience with implementation in remote locations and demanding timelines. Our extensive track record of delivering projects reliably in challenging environments made us the ideal partner for this demanding project.

## Overcoming Challenges and Delivering Results

Despite the challenges posed by weather-related and material delivery delays, Speedcast's staged deployment approach ensured that the project was completed on schedule and within budget. Speedcast's expertise and flexibility enabled the team to mitigate risks and adapt to changing circumstances, ultimately delivering a successful outcome.



# Why Choose Speedcast?

Speedcast is the partner of choice for complex telecommunications and IT projects due to our:



## Global Footprint and Local Knowledge

Expertise on every continent, with local knowledge to navigate unique environments.



## Expansive Skillset and Central Support

A wide array of skills, supported by industry experts, ensures Speedcast can tackle challenges at any scale.



## Adaptability Across Any Environment

From offshore vessels and remote desert sites to the arctic tundra, secluded islands, and urban landscapes, Speedcast thrives in diverse settings.



## Flexible Service Offerings

Tailored solutions to meet any telecommunications and IT challenge.



## Industry-Leading Product Suite

Access to Speedcast's industry-leading product portfolio and competitive vendor pricing can supply all your telecommunications and IT challenges.



## Quality and Safety Commitment

Certified under ISO 9001, ISO 14001, ISO 45001, and BOSIET standards.



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