



CASE STUDY: GREENWICH UNIVERSITY



BACKGROUND

Greenwich University is a British, London-based university. Comprising of three campuses; Greenwich, Avery Hill and Medway. Greenwich University is one of the most popular filming locations in the UK. Major films have been produced here such as; Sherlock Holmes, Inception, The Dark Knight Rises, Pirates of the Caribbean and James Bond: Skyfall.

THE CHALLENGE

Greenwich University, as a whole is a large site with multiple buildings. Greenwich University approached us with a system that was disjointed and didn't connect all the sites. Communication between sites was done using mobile phones, this wasn't the most reliable way for them to communicate. Due to the size of the campuses, Greenwich University suffered from poor coverage. Greenwich University hosts events and film production and during these extra busy times, extra and more efficient communication was needed to support the operations of such events.

SOLUTION PROVIDED

We upgraded their existing analogue two-way radios to a DMR digital fleet with the **MotoTRBO DP3600**. We then installed a distributed antenna system in order to boost coverage to the sites. The systems installed at each site was then linked via an IP Link Integrated Solution. This meant that all sites could communicate to each other freely and with ease.

SOLUTION BENEFITS

- An increase in operations, health and safety efficiency
- Upgraded, future proof digital radios that have more capabilities and enhance channel spectrum efficiently
- Reduced interference from nearby radio users
- Improved voice clarity - digital two-way radios are noise cancelling therefore voice transmissions are clearer in noisy environments such as during events or filming
- Multi-site connection
- Increase in coverage with the use of digital two-way radios and a distributed antenna system



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