



CASE STUDY: ST RAPHAEL'S HOSPICE



BACKGROUND

St Raphael's Hospice is a registered charity offering high-quality specialist medical and nursing care for people with cancer and other serious illnesses as well as providing support for their families.

THE CHALLENGE

St Raphael's, as a whole is a large site with multiple buildings. St Raphael's Hospice originally approached us without any good quality form of two-way radio communications and were relying on unreliable mobile phones to communicate with one another. St Raphael's Hospice have a complex multiple alarm system that they wanted to have constant updates on remotely. They finally wanted a way to effectively communicate between the multiple buildings on site.

SOLUTION PROVIDED

We provided them with Hytera PD785 DMR digital two-way radios to replace their mobile phone communications. We then installed a distributed antenna system with repeaters to boost signal so that two-way radio users can communicate with each other even if they are in a different building. We then finally installed our integrated alarm connectivity solution which connected their two-way radios to their BMS fire panels and access control. This is so that they are able to receive messages on their radios when an alarm has gone off, where and why.

SOLUTION BENEFITS

- An increase in operations, health and safety efficiency
- Upgraded, future proof digital radios that have more capabilities and enhance channel spectrum efficiently
- Connection across their multiple buildings on site.
- Fast-response system to alarms

