

Possilpark Health and Care Centre

Case Study

Glasgow's new health centre safe and secure thanks to Tyco

Project Overview

The new Possilpark Health and Care Centre is situated on Saracen Street in Glasgow's Possilpark in the north of the city. The centre, featuring a striking design by AHR Architects, forms the heart of a regeneration plan being developed for the area. Offering a broad range of different services under one roof including: GP Services, Physiotherapy, Podiatry, Community Dental Surgeries and District Nursing, the three floor centre will provide a much needed facility in a modern and uplifting building.

Tyco was awarded the contract to provide a range of safety and security systems for the new Health Centre following ADT's previous experience of similar sized projects. The Tyco MZX addressable fire alarm offered the best value solution - providing fast and advanced technology critical for a health and care environment.



Customer Needs

Staff attack buttons are located within doctor's surgeries and treatment rooms, where staff may be on their own with a patient. If a situation arises where staff feel threatened, they can press the button, which sends alert signal to the relevant reception desk for assistance. The system is also connected to the disabled toilets, so if a patient needs help they can pull a cord to summon assistance.

The many networking options of Medical 800 were implemented using the Local Operating Network Bus technology. Data and power supply were both handled via standard Network Bus cable.

A Disabled Refuge Alarm system was also installed at the health centre. This emergency voice communication system features an intercom facility designed for the use of people who are physically handicapped. It enables easy communication with key building management staff in the event of an emergency.

Ian Hodgson added: "The Medical 800 system has a number of multiple functions. In this case the Health Centre decided to utilise the staff attack and accessible WC alert functions as most appropriate for their needs."

Product and Services Applications

- // MZX addressable fire alarm control panels
- // Medical 800 electronic care and communication software
- // Disabled Refuge Alarm system
- // CCTV static cameras
- // Pan Tilt and Zoom cameras

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Tyco Solution

The Tyco MZX fire alarm control panels are part of the latest digital-based MZX Technology system family that offers greater functionality and advanced capacity in the number of field devices available on each loop – from 100 to up to 250 – which makes for a more efficient and cost effective technology. The fire alarm system provides triple technology detectors (each device can detect smoke, heat and carbon monoxide gas) for quicker and more effective detection of a fire, and reduces the risk of false alarms. To speed up the installation of the detectors, Tyco's innovative patented ceiling tile adapters were used.

To maintain a constant level of surveillance, CCTV static cameras were also installed at key strategic points throughout the building's interior, and a number of column-mounted Pan Tilt and Zoom cameras were located in the health centre's car park to help keep staff and patients safe.

Ian Hodgson, Senior Director of Operations UK&I, Tyco said:
"The project went well and after the building was fully occupied in February 2014, we received a request for more staff attack buttons to be fitted to doctor's desks within the GP surgeries. These have since been implemented to the customer's satisfaction. We are pleased to have provided fire and security solutions for the new building – that offers the highest levels of safety for staff, patients and visitors."

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