

The Customer

Link-Tel Communications Glasgow are a Platinum Motorola Solutions dealer, and have been established since 1977. They specialise in MOTOTRBO solutions, from single site, to multisite trunked systems. Offering a number of other services such as repair and maintenance, radio hire and licensing consultation.

Link-Tel were approached by the Emirates Arena to install a radio system and configure a bespoke solution specific for them.

The Emirates Arena is an indoor velodrome and arena in Dalmarnock, Glasgow, Scotland. It was built for the 2014 Commonwealth Games, and hosted the badminton and track cycling events. Situated opposite Celtic Park in the East End of Glasgow, the complex is the headquarters of Sportscotland and Scottish Cycling.



The Requirement

The Emirates Arena used a paging system to report pre-alerts from fire and intruder alarms to staff around the very busy site. However, the pagers were proving to be unreliable in certain dead spots, and critical messages did not come through 100% of the time. Having non-display radios meant carrying 2 devices which wasn't ideal.

Stuart Frame, the arena's Technical Manager said "The Emirates Arena is a very large events venue, knowing when something has happened and where is paramount during busy times, for example fire doors opened during an event when they shouldn't have been. Having a double knock system to first allow us to investigate an alert and shut it down if false, saves a lot of time and money on false call outs."

The Solution

A MOTOTRBO, two repeater capacity plus system was installed by Link-Tel Communications. Using the SMC Gateway allowed fire and intruder alarm integration to both the DMR radios and the pagers at the same time. Alarms from disabled toilets on site are routed to radio and or pagers too.

Further expansion of the system will allow the SMC Gateway to receive SMS text messages, and relay them to radios, improving communications with non-radio users, and extending alarm integration to mobile phones.

The Benefits / Outcome

Using the SMC Gateway's Flexibility, both the pagers and radios are now able to receive alerts from both alarm systems. Staff were able to have their pagers and non-display radios replaced with a single Motorola DP4600e display hand-portable complete with vibrating belt clip, simplifying the equipment required and the response time to receiving alerts.



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