



"Interphone worked closely with all stakeholders involved in the Sutton Point development to deliver the highest quality standards and provide peace of mind that all security needs are met now and in the future. Our primary aim was to deploy a system that could grow and adapt at the same time as offering the required safety and protection to residents, visitors and members of the public."

Julian Synett, CEO at Interphone Limited

Sutton Point, a vibrant new community at the heart of the London Borough of Sutton, is a large-scale mixed-use scheme located close to the town centre. The high-profile development included the full demolition of an existing tower, and the design and construction of 332 one-and two-bedroom apartments, prime three-bedroom penthouses, 21,000 square feet of retail space, 18,000 square feet of office space and an 80-bedroom hotel.

the challenge

Interphone was appointed by Ardmore Construction to design and install the integrated security systems, which included fibre infrastructure, BPT door entry, PAC access control, IP-networked CCTV and an IRS communal aerial system with SKY Q.

- **Design and installation of integrated security system**
- **Future-proofed solution that has the ability to grow**
- **Exceptional security for residents, visitors and the general public**

expert service delivery

Interphone started work on the project in March 2017, which was completed on-time and within budget by October 2018. Interphone worked closely with Ardmore Construction and services engineers QuinnRoss Consultants Limited throughout the project to ensure unrivalled service delivery and the highest possible standards.

Interphone priority was to design and build a system that could grow and expand to meet the requirements of all the parties involved. In particular, the company needed to factor in ongoing changes to the Sutton Point development and ensure value engineering at each stage of the project. This meant Interphone had to adapt the way it approached certain aspects of the installation, but also make proactive changes to the system throughout the project.

Interphone implemented a system that not only uses the most up-to-date technology, but by its design, has been future proofed with the ability to grow. As a result, the developer has been able to meet all its internal requirements and ensure high levels of security for residents, visitors and members of the public.

The project was also selected to demonstrate Interphone's technical capabilities covering access control and CCTV systems for its NSI accreditation. The company achieved a grade A rating, with zero faults and no negative comments regarding on-and off-site documentation, design and installation. The installation has been recognised by the UK Outstanding Security Performance Awards (OSPAs) with Interphone nominated as a 2019 finalist in the Outstanding Security Installer category.



advanced technology solution

Interphone's project team took the decision to improve the solution's performance and to deliver a high specification security system for Sutton Point, which meant moving to fibre infrastructure. As a result, the company created a fibre backbone network, which allows CCTV images to be viewed in true 1080p/4k without compromising any other components of the system.

The sophisticated CCTV solution incorporates a site-wide, IP-networked camera system and included full-perimeter PTZ (Pan Tilt and zoom) cameras from Hikvision. The full-perimeter system runs in real-time over three towers, three remote stations and two virtual concierge points with interlock ability. The external PTZ camera images, recorded onsite, are also shared with the local police. This means the management company can keep the site secure for its residents, while allowing the police to protect the area in and around the development against crime.

The PAC access control system enables all management tasks related to the tenants and staff, administered from the central computer as and when required, ensuring the highest level of security around the site and added peace of mind.

Meanwhile, BPT's XIP door entry system offers significantly greater compression, providing the clearest and highest quality AV currently available, even with the significant background noise.

The added CPS concierge facility also has improved switchboard software performance when compared to the older standalone hardwired system. The Windows-based PC switchboard software has delivered full control of building communications at two desks, so the system will never be engaged and never miss a visitor call. It provides full control of communications, making it the most accessible it can be, without compromising on the high level of security.



With regards to the IRS communal aerial system, the original spec was for Sky Plus. However, in association with Ardmore Construction and in order to future proof the system, the proposal was amended to include SKY Q that was approved by the developers.

"We pride ourselves on our ability to deliver the best possible service and solution for each of our clients, so it is essential to have highly responsive working relationships in place with key technology partners. Interphone was flexible and adaptive throughout the design and installation phases of the development, which ensure that any changes to system requirements were handled quickly and efficiently. Their team's knowledge, understanding & commitment was essential to the success of the project."

Michael Keenleyside, Electrical Engineer, Quinn Ross

