

## Rooftop Re-engineering



Following a Health and Safety audit of the roof on a commercial building, it was necessary to carry out significant remedial works to minimise the risk to personnel needing to access the roof. Various items of plant as well as telecommunications systems were housed on the roof and the existing walkways and barriers were considered to be unsafe.

Swann Services and Consultancy groups were retained to carry out a detailed survey and preparation of a specification for the works. Following appointment as both Planning Supervisor and Principal Contractor, Swann Consultancy and Services successfully managed and delivered the project through to completion.

Prior to commencement of the works it was necessary to install a large area of suspended safety netting to protect the glass roof of the atrium within the central courtyard of the building. A road closure also had to be arranged to allow a crane necessary access to lift materials up to the work area.

The existing dilapidated safety fencing around the parapet and the base station antennas was replaced with a new railing system providing enhanced protection to personnel on the roof. The improvised walkways in use were also replaced with steel mesh and concrete slabs allowing access to the required areas without trip hazard.