

UCL WIFI Roll Out

South Wing, Gower Street, London, WC1E 6BT

Date **30th May 2022**

1.00 Proposals & Context

As part of their ongoing commitment to improving student experience, UCL wish to continue their roll out of new WIFI APs (Access Points) across campus.

Wherever possible, existing cables are being repurposed to avoid running new between existing server rooms and the new locations.

The proposed APs will be similar to the units shown in Figure 1, although the actual unit may vary depending on the system available at the time. Size is approx 210mm x 210mm x 50mm.

Generally APs will be mounted to plasterboard ceilings or directly to the wall with suitable fixings. Typically surfaces will be plugged and screwed.

In the limited scenario whereby APs will be fixed to an original wall, fixing holes will be no more than 5mm dia and can simply be filled and decorated.

2.00 Making Good

The need to 'make good' will be limited and in most cases not required on completion of the installation because existing cables and existing containment are being reused.

There is no consequential damage to the building fabric anticipated as a result of this simple installation.

3.00 Removal of Existing Services

To counteract the installation of new services, UCL have committed to removing two old lighting tracks and light fittings which exist along half of the first floor corridor. Refer to Proposed Plan 2001 and the Photographic Schedule for further information.

The tracks, fittings and redundant power supplies will all be removed and previous fixing penetrations will be made good. Making good in this respect will involve filling holes with a lime based plaster before rubbing down the affected areas and leaving ready for decoration.



Figure 1

4.00 South Wing Building - Survey Information & Approach

Appendix A includes a number of annotated photographs which correspond to the proposed plans. The photographs have been annotated to show cable routes and AP locations.

Proposed plans detailing each type of new AP and their installation method have been provided separately. Each new AP requiring rerouting of cables (and thus a potential need for new surface trunking - albeit this has been negated in most instances) and fixing methods of the new AP have been noted on the proposed plans, together with a small commentary and Photo Reference Number.

APPENDIX A - ANNOTATED PHOTOGRAPHS

GROUND FLOOR

Photograph Ref: 1.01



Existing cable to be used
Fed through 'modern' mezzanine
floor.

New AP mounted on ceiling bracket
on modern plasterboard soffit.

GROUND FLOOR

Ref: 1.02

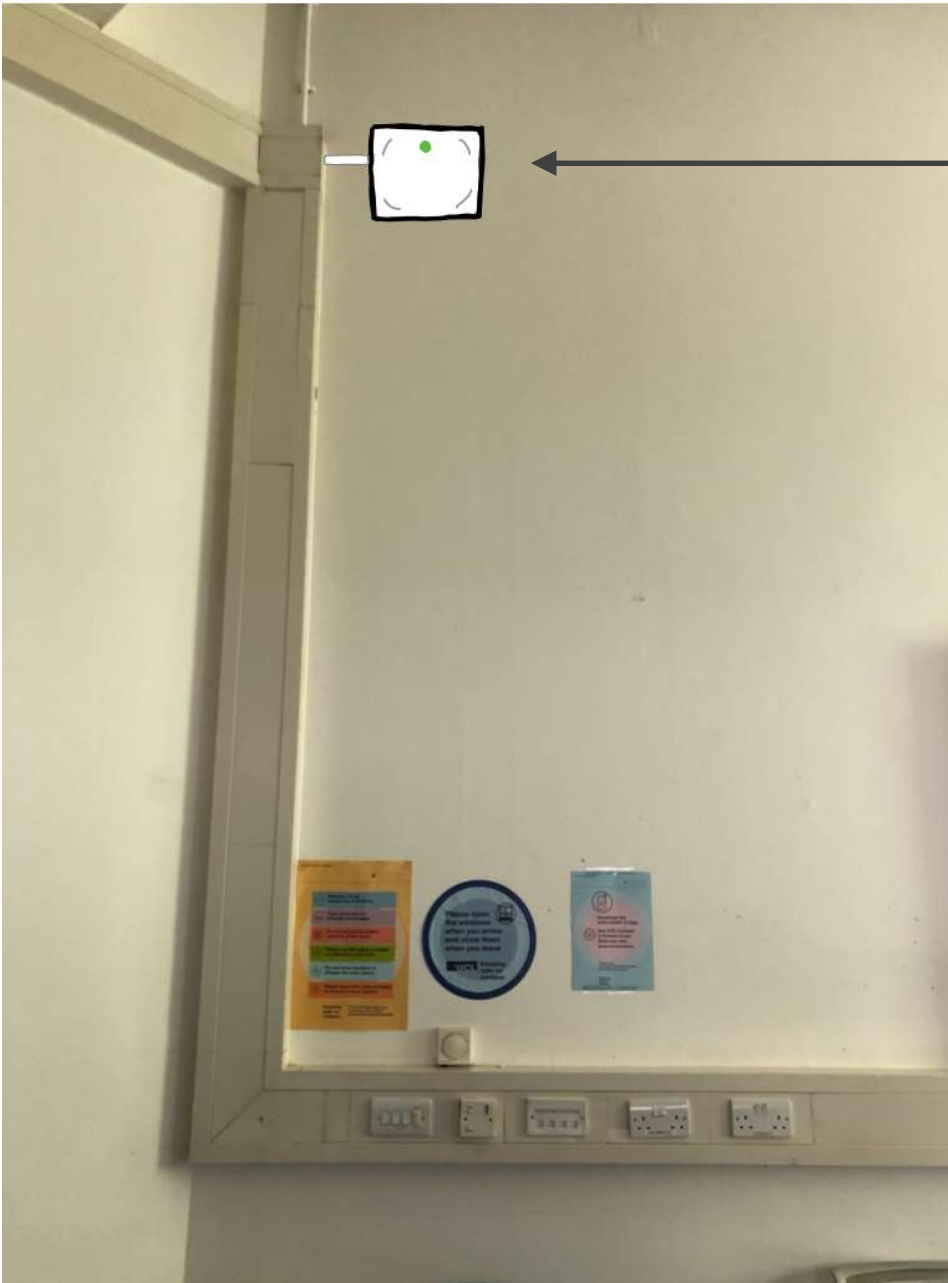


Existing cable to be used
Fed through 'modern' mezzanine
floor.

New AP mounted on ceiling bracket
on modern plasterboard soffit.

GROUND FLOOR

Ref: 1.03



Existing cable to be used
Run cabling through existing wall
mounted trunking
New AP to be fixed to wall mounted
bracket adjacent existing trunking.