

# TELEFÓNICA O2 (UK) LTD – MPSS 2



## Client

Bert Webster (IP Networks and Security)

## The Business Challenge

The project involved the complete design of a bespoke high end fibre and data system that could be implemented within very restrictive timescales, whilst maintaining NIS Ltd's stringent quality control procedures, thus enabling the customer's overall desired aesthetics.



## Installation Overview

The client required a complete Krone fully warranted system, inclusive of;

- supply and install 8 x 42U 985 x 500 x 2230mm Krone APFs (part no 6420150300) inclusive of 20 x cable managements per cabinet, side panels, glass doors and full fixing kit to facilitate the UTP copper element of the project.
- supply and install 2 x 900 x 300 x 2200mm LISA Optimised Distribution Rack inclusive of full height solid wardrobe door with stand, lock, brush lid, splicing (conduits fitted), 80 fibre tray positions, top entry/dual exit, LISA 3, standard colour (RAL7035) and standard labelling.
- supply and install 2 x LISA ODR fixing kit-raised floor. Incorporates studs, nuts, washers, anchor bolts and top hat spacers.
- supply and install LISA fibre tray, inclusive of 12 x LC yellow single-mode pigtails and adaptors suitable for splicing to loose tube cable and standard labeling. (27 trays between the two cabinets).
- Supply, install, terminate and test a total of 324 x 9/125 single mode fibre pairs to customer's specified rack locations.
- Supply, install, terminate and test a total of 3718 x 50/125 multimode mode fibre pairs to customer's specified rack locations.
- NIS Ltd are to supply and install 258 x Krone CAT5E LSZH Blue (part no TN5ETZ1-BLMI) data links
- NIS Ltd are to supply and install 258 x Krone CAT5E LSZH Orange (part no TN5ETZ1-ORMI) data links
- NIS Ltd are to supply and install 96 x Krone CAT5E LSZH Blue (part no TN5ETZ1-BLMI) harness links
- NIS Ltd are to supply and install 96 x Krone CAT5E LSZH Orange (part no TN5ETZ1-ORMI) harness links

## Implementation

NIS Ltd have undertaken the works with full communication with the client at all times, to ensure smooth running of the project which to date is on schedule and disruption free, much to the satisfaction of the client.

## Ongoing Projects

NIS Ltd are constantly working as a partner to O2, undertaking both major fibre and data rollout projects and minor works at sites across the whole of the United Kingdom.