

## Executive Summary

<b>Customer</b>	Royal Doulton
<b>Location</b>	Stoke on Trent, Staffs
<b>Requirement</b>	A fast and reliable network installed into a new building
<b>No. of points</b>	Main Office = 1200 , Factory = 50 outlets
<b>Equipment</b>	Excel Cat 5e Structured Cabling System, Fibre and Cabinets
<b>Customer's View</b>	<p>"A quality installation was delivered by HSDataline and all deadlines met, even accounting for numerous modifications to the outlet positions as instructed by Royal Doulton. This reflects the high quality project management and engineering resource utilised throughout the project."</p> <p><i>Barry Clayton, IT Support Services Manager</i></p>

## Royal Doulton

As one of the oldest and best-recognised chinaware companies in the world, Royal Doulton has earned itself a reputation for excellence, innovation, creativity, quality and distinctiveness of design - values which it intends to build on in order to take its brands forward in the new millennium.



This philosophy was emphasised by Royal Doulton's requirement to acquire a new office and factory outlet facility and a network that was new, fast and future-proof.

The main office block has two floors, both of which have false ceilings and false floors. The main Comms room is situated on the ground floor and from here all of the network points for the main office are distributed. The network cabling was installed beneath the false floors and presented within the Excel floor boxes which ensured a very tidy end product.

The factory outlet has its own comms room which is connected to the data & voice network over fibre and CW1308B multicore cables. The fibre in the factory links across to the main office building as a backbone link while the internal cabling within the factory is Cat 5e.

## The Contract

The awarding of the contract was quite a complicated process, in that John Sisk & Son won the main contract for the new building. They, in turn, awarded the electrical & data contract to Hulse Ltd, who then awarded the data contract to HSDataline Ltd.

HS Dataline secured the data contract after an intense tendering process. The contract was awarded due to the quality of the proposal response, the proposed solution and the cost-effectiveness. HSDataline proved once again that utilisation of the Excel product range ensured that a reliable network could be installed at a very competitive cost, which met the requirements of the tender.

Hulse Electrical contractors Ltd provided all of the electrical installations required within the new building and were responsible for the network containment, such as cable trays and floor boxes. HSDataline and Hulse worked closely on the project with Hulse providing HSDataline with detailed CAD drawings and installation details.

## The Kit

Mayflex, a distributor of structured cabling systems and networking components was selected to provide the products for the network because HSDataline knew that they could rely on the company to provide reliable kit on time, to the correct place, which is obviously of maximum importance to an installation which has tight deadlines.

The Excel range of structured cabling products included patch panels, cables, faceplates, modules and patch leads to meet Category 5e standards, plus Excel cabinets to provide the necessary storage requirements.

Excel fibre products were also used in the factory facility.



## The Installation

The installation took place over various phases due to the network cabling routes being provided by Hulse Engineers. Project Management was a critical part of the contract to ensure time scales were achieved. The HSDataline project manager kept in constant dialogue with Royal Doulton, John Sisk and Hulse to ascertain engineering resources and delivery dates required by the project.

HSDataline engineers worked alongside numerous other contractors who were providing the many different services required by the new building.

During the installation process the outlet positions were modified and re-located by Royal Doulton. HSDataline engineers having vast experience of new building installations, accommodated the new requirements, without compromising time scales to the project plan. Alterations to the drawings were documented and dated on site.

## Conclusion

The project was completed within the given time scales and budget and the Excel 15 Year warranty has been provided to Royal Doulton. HSDataline has built up a good relationship with Royal Doulton, John Sisk, and Hulse Ltd in addition to Mayflex who provided the products.



**HSDataline**

THE ROYAL DOULTON COMPANY

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