



End-to-end communications infrastructure solutions

Industry leading engineering solutions company enlists incovo to help deliver new communications end-to-end infrastructure solution for new premises.

Client: Howden - Engineering

Howden are a global manufacturer and supplier of industrial fans, ventilation fans, heat exchangers, air preheaters, compressors, refits and maintenance service for air and gas handling equipment. Howden have 40 offices in over 26 countries and employ over 6,000 staff worldwide.

Requirement:

Howden have a multidisciplinary business which involves a diverse range of business units, engineering products and services that make them a fully-encompassing engineering solutions provider. The requirement for high performance communications infrastructure is part of their strategy to keep them at the forefront of innovation thereby leveraging the benefits and cost efficiencies of the latest data cabling solutions.

Already as a customer of incovo's, Howden knew they could rely on incovo to create a tailored solution based on their demands to supply and install a structured cabling scheme for this expansive operation.

Howden had taken the business

decision to improve their communications infrastructure based on the desire to upgrade to a unified communications platform that catered for

instant messaging, conferencing and VoIP. In order to do so they would need an infrastructure in place to support this and Howden had concerns with their existing one.

In doing so this would allow them to make a number of operational and efficiency savings throughout the business but, in order to do so they first needed a capable infrastructure to support these technologies.



Overview of Solution:

incovo's Networks Project team took Howden's brief to create a communications infrastructure that was able to accommodate for a high-speed, high-performance structured cable installation that would allow for the rapid exchange of data across their network. A site survey was commissioned in order to determine suitability and configuration for the cabling and required speed tests and analysis to determine existing weak spots and contingency.



incovo

communicate smarter, interact better

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For this job, incovo specified a combination of the versatile Cat6 cable which is used for a variety of applications such as network, telecommunications, security systems and fibre optic cabling which is traditionally used for other high-volume tasks, such as 3D modelling or network servers.

incovo successfully installed Structured Cabling Systems across multiple sites across Howden's UK locations. We were able to facilitate the building of Comms/Patching Rooms Frames and Containment in several existing sites as well as the installation of Network Hardware and Wireless Access Equipment in a new site based in Renfrew, Glasgow - all with zero downtime.

Cabling Types:

Category 6 cable, commonly referred to as Cat 6, is a standardized cable for Gigabit Ethernet and other network physical. Fibre optic cabling can typically achieve transference speeds of up to 40 Gbit/s and its connections have a much higher data capacity.



As well as the Cat6 cabling solutions, incovo also implemented a fibre-optic backbone of cables to the network fileservers and telephone system to create an integrated data and voice network to sites in Doncaster and Chesterfield. Due to incovo's competencies regarding cabling standards, they were able to successfully verify speeds with test that enabled a 25 year warranty and to date they have yet to encounter any problems. Howden now have a communications infrastructure that will:

Sites at:

Renfrew
Craigton
Doncaster
Chesterfield
Kingswinford

Cabling Accreditation:



- leverage the next generation of unified communications technology
- facilitate their immediate and future telecoms needs
- enable operational savings
- allow them to operate more efficiently

“ We've been working with incovo for a number of years and they have continually provided first-rate service and with this new development, incovo delivered the solution we required. ”

Aiden Curran, Howden



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