

## CASE STUDY

# HEINEN & HOPMAN ENGINEERING: IN 2009, TODAY WAS STILL THE FUTURE

Twelve years ago a communications network from Datwyler was installed at Heinen & Hopman. At the time it was considered to be “future-proof” – and still is today.



In 2009, Datwyler’s Dutch partner Redlink B.V. supplied a modern communications cabling system for the head office of the air conditioning specialist Heinen & Hopman. The IT infrastructure solution was installed by Van den Hoogen Engineering, a data network specialist based in Bunschoten-Spakenburg. The most important thing was for the cabling system to be high-performance and allow the trouble-free transmission of even large volumes of data, such as are created, for example, by 3D CAD models.

What was also wanted was a flexible solution geared to the future growth of the business.

### Decision in favour of a Datwyler solution

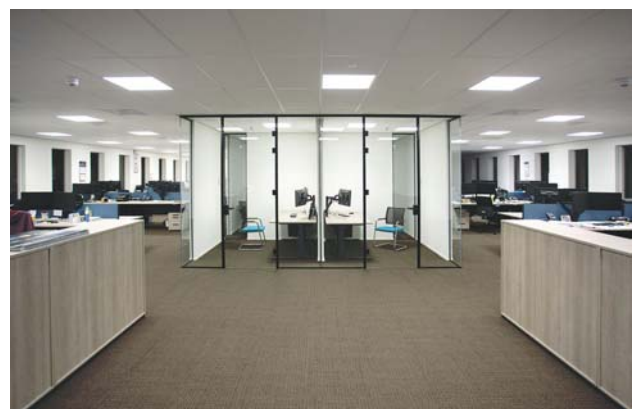
A structured cabling system from Datwyler was installed in the offices, the production facility and the warehouse. In copper terms it comprised shielded Category 7 cables and Category 6<sub>A</sub> components. Among other things each CAD workstation was given a separate 10 gigabit network connection. The telephones in the building were supplied with power via the data network (PoE).

The plant rooms, which were at quite a distance from each other, were interconnected by an OM3 fibre optic backbone. Three server racks and three patch racks were set up in the central plant room. Even today the layout of the latter is clear: the respective patch cables for connecting the telephones, switches, cameras and WiFi arrays are each in a defined colour. To allow for future expansion, space was left for additional IT racks. In any case the patch racks were assembled so that they had sufficient capacity to connect further workstations and new units – whether cameras or WiFi arrays, access control or building automation equipment – in copper or fibre optic technology.

This IT infrastructure solution was considered to be extremely reliable and “futureproof”. This was true then and – as has been demonstrated – still is today. The high performance reserves are not nearly exhausted.

### Back to the present

Heinen & Hopman has grown considerably since 2009. In the end it had become so cramped at head office that the





management decided to build a new wing with space for 60 additional workstations. Thanks to the existing fibre optic backbone the new building could be connected up by

a simple additional connection in the central plant room. No rebuilding was necessary.

In the field of digital security in particular Heinen & Hopman has “upgraded” and adapted its equipment to the latest safety standards. The IT rack and cabling needed for the new building was again supplied by Redlink and installed by Van den Hoogen Engineering. The type of copper data cable installed is the same as was used eleven years ago.

The new wing at company headquarters is thus also equipped with a reliable and future-orientated network.

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