

# Network infrastructure innovations enabling new management opportunities



**HOEPLI**  
EDITORE

## SUMMARY

<b>Client</b>	Hoepli Publishing
<b>Sector</b>	Publishing
<b>Location</b>	Italy
<b>The challenge</b>	Network innovation
<b>The solution</b>	DGS-3130 series, DGS-1510 series
<b>The results</b>	Improved network performance and simple scalability management
<b>Project value</b>	€15,000.00

*The international bookshop Ulrico Hoepli was founded in 1870 by Ulrico Hoepli in central Milan. With the publication of a French grammar book in 1871, Hoepli added publishing to his company's retail activities.*

*Today, the bookshop and the publishing house are managed by the fourth generation of Hoeplis, who continue the founder's commitment to book retail and publishing with a catalogue of technical publications, manuals, educational publishing for schools and universities, dictionaries and language books.*

## Challenge

For many years, Hoepli has needed to replace the dated network infrastructure that has been in use in the company. The network needs greater reliability and speed of communication, both at the points of sale – a bookshop of 2,000m<sup>2</sup> with over 200,000 books – and at the warehouse.

The demands were significant because the existing equipment needed technological upgrades, but continuity of service was also essential.

## Solution

The project to reorganise and renew the internal network infrastructure is well underway.

D-Link has had a very stable partnership with a LAN service system integrator in Cinisello Balsamo for a long time. Thanks to the excellent price and quality of their solutions, they are collaborating on this project.

The Hoepli project requires the replacing and upgrading of all switches, moving from 10/100 Mbps devices to 10/100/1000 Mbps and 10 Gigabit Ethernet solutions with fibre backbones, both in the main office and in the warehouse.

In the main office, there is a redundant star network in the data centre and three switches have been installed in a stack in three rack cabinets to serve the floors of the building.

In the warehouse, three standalone switches in a stack have been deployed.

## Results

The D-Link products guarantee excellent network performance and allow for management of scalability thanks to the transition to 10-gigabit Ethernet for the building backbones.

A future objective is the 10-Gigabit connection of some servers, to further push the current connection speed and to additionally increase network innovation and performance.

## Products

- DGS-3130 series switch
- DGS-1510 series switch
- DEM-431XT transceiver and DEM-CB100S cable



DGS-3130 series



DGS-1510 series



DEM-431XT transceiver  
DEM-CB100S cable