

# Greek LAN to delight the taste buds

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**The Greek foodstuffs producer E. J. Papadopoulos S.A. is known for its exquisite range of biscuits and cakes. As far as its network is concerned, the enterprise acquired a taste for R&M solutions.**

The company E. J. Papadopoulos S.A. is one of Greece's leading manufacturers of biscuits and foodstuffs. In order to be well equipped to meet the challenges of the future, the company decided to upgrade its network cabling to state of the art. This extensive upgrade, carried out by the certified R&M partner Netplex Ltd., covered three locations of the company, namely Thessaloniki, Volos and Enofyta. In these branches, the office buildings and the production facilities were equipped with a new and highly capable infrastructure.

## Into the future with 10 Gigabit

A 12-fiber optical waveguide and a 25-pair multipair cable form the backbone for data and voice transmission in each of these locations. From the central distributors, the office buildings as well as the production facilities and warehouses are supplied via the respective network nodes. In the backbone, the available bandwidth is up to 10 Gigabit Ethernet; on the horizontal plane it is up to 1 Gigabit Ethernet via a Cat. 5e cabling system.

## Network E. J. Papadopoulos – facts and figures:

Customer: E. J. Papadopoulos S.A.  
Project manager: certified R&M partner Netplex Ltd.

- Structured cabling systems in administrative buildings and production facilities
- 10 Gigabit Ethernet backbone, FO and copper
- 1 Gigabit Ethernet Cat. 5e cabling
- Protection against dust and humidity up to IP54 with R&M Splash Line



left to right: Evangelos Kavros, System Administrator; Ioannis Nitsos, MIS Manager; Ioanna Papadopoulou, President of the Board (E.J. Papadopoulos SA); Dimitris Filippou, Business Development Manager (Netplex Ltd.)

## Dust-free connection to the network

The network connection of the production facilities posed a particular challenge. A quite considerable dust load and high atmospheric humidity created particularly unfavourable conditions. RJ45 connection modules are especially sensitive in this regard. If fine dust and/or humidity is allowed to enter over time, this will result in expensive network failures. With Splash Line, R&M has an effective solution for such environments, which are encountered in many industrial plants. With this innovation in network technology, RJ45 connections can be protected against dust and water up to IP54.

Kyriakos Kostaridakis, Technical Director of Netplex, is enthusiastic about the advantages he could offer his customer E. J. Papadopoulos: «With its great relevance to practical applications and its flexibility, the Splash Line concept is a further milestone in modular system solutions from R&M.»

## Comprehensive R&M solution

Not only in the production facilities, but also in the entire installed cabling solution, Netplex exclusively used R&M products. «We know that with R&M we can depend on state-of-the-art technology that supports leading-edge systems. We also appreciate the excellent scalability

and interoperability, both in the backbone and on the horizontal plane,» Kyriakos Kostaridakis explained. The R&M product range makes it possible for R&M partners to successfully implement common industrial protocols such as P-NET, Profibus, RS-485 and new technologies such as industrial Ethernet.

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E.J. Papadopoulos S.A.

- Extensive product range, also for industrial environments
- Professional service from a certified installation and planning enterprise
- Best product availability and best support in Greece
- Excellent product quality, security and reliability
- Long-term warranties from R&M
- Favourable price/performance ratio
- Excellent investment security

