



INCREASED COST EFFICIENCY AND REDUCED DELIVERY TIMES

OUR CUSTOMER

A leading machine manufacturer for the food and beverage industry

- More than 5,000 employees
- Annual turnover > € 1 billion
- Production sites worldwide

THE CHALLENGE

For OEMs who manufacture a wide variety of machines, versatile and easy installation of the components are a key competitive advantage. In order to enhance cost efficiency and reduce delivery times, a leading plant manufacturer for the food and beverage industry critically examined their current automation concept based on parallel wiring. It offered very little flexibility and caused high installation costs.

THE SOLUTION – Why ifm?

The ifm sales team analysed the current situation and developed a network architecture adapted to the customer's specific requirements. IO-Link masters from ifm play a central role in this. They provide a quick and easy way to adapt the cabling to different machine types, thus reducing installation and cabling costs.

- The IP69K protection class of the IO-Link masters allows them to be used directly in the field, local terminal boxes are not required.
- Reduced cable diversity through simple standard cables without screening
- Simple and quick plug & play installation thanks to the M12 connection
- Secured correct wiring eliminates potential sources of error
- Analogue signals do not need to be scaled
- No analogue input cards required, reduced PLC dimension

In addition to optimising the network architecture, ifm's experts trained all departments involved in using IO-Link to ensure a smooth transition to the digital technology.

MEASURABLE RESULTS

With IO-Link, the company is well prepared for Industry 4.0. Detailed examinations by the customer showed that he was able to realize savings of 30% compared to the old parallel wiring.

