



## 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.

