

Complete Cabling Solutions for Food and Beverage Manufacturing Facilities



Smart Manufacturing

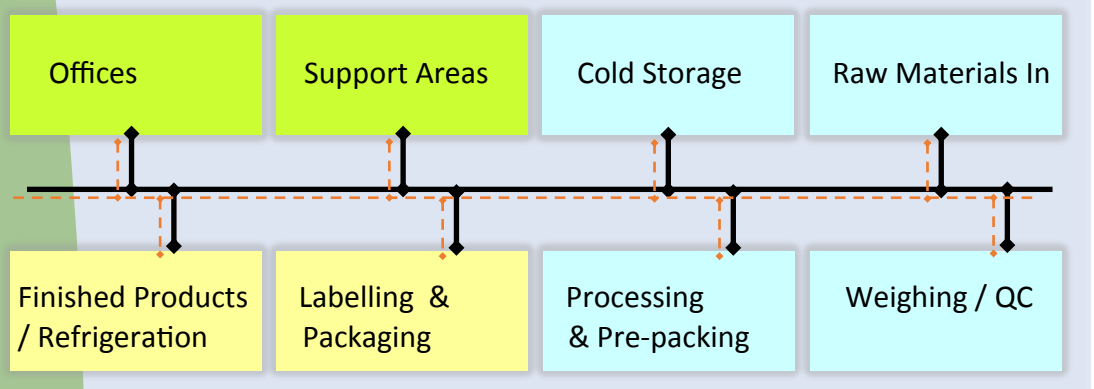
More than ever before, modern industrial facilities (particularly those in the food and beverage industry) rely on a high performance 'Smart Manufacturing' infrastructure to optimise operating efficiency and increase productivity.

With a drive to adopt Industrial Internet of Things (IIoT) devices to monitor & control manufacturing processes, PoE security & lighting systems, 'big data' demands throughout the plant and the additional need for 'cleanroom qualified' products; finding a cabling system to fit the bill can be a challenge.

A Smart Solution

At iDaC Solutions we offer a wide range of high performance screened copper and fibre optic cabling products - designed to provide a fully integrated infrastructure for your whole facility;

- PUR & antimicrobial clean room qualified cables
- Industrial Ethernet IP67 connectivity
- Wash-down outlets & enclosures
- PoE+ 'Intelligent Building' cabling & Devices
- Containerised Modular Data Centres & Disaster Recovery
- Life Safety fire alarm cabling



Whether you're looking for IP rated outlets for your processing areas or specialized low temperature rated data cables for your refrigeration and freezer areas, our high performance systems will ensure an **hygienic environment, long term system reliability and improved productivity.**

Why iDaC Solutions?

At iDaC Solutions, formerly Datwyler UK, we offer clients a unique proposition; all the benefits of dealing directly with industry leading manufacturer (project support, on-site technical assistance, system warranties, etc.) plus the flexibility and stock availability of a traditional distributor.


With superior products, certified installation partners, training services and unique industrial grade products, we are *the* specialist in cabling solutions for the food and beverage industry.

Superior Products



Our high performance network cabling products, **including IP67 rated outlets, PUR cables (which can operate at -30°C to $+60^{\circ}\text{C}$) and fibre optic cables from Swiss-based manufacturer Datwyler**, are engineered and made to the highest standards.

The superior quality and operating performance of the cabling system provides head-room for future applications, less bit-rate errors (improving IIoT process efficiency) and enhanced EMC characteristics — particularly important in high-tech production facilities.

They are also eligible for the Datwyler 25 year system warranty, managed in the UK by iDaC Solutions, and underwritten by Datwyler HQ.  **DATWYLER**



Quality • Performance • Resilience

A Complete Cabling Solution

To provide clients with an end-to-end solution, iDaCs also offer a wide range of **screened control cables for automation and robotics**; including flexible cables for drag chains, motor servo & feedback cables, trailing cables, heat-resistant cables and other specialised products. With options available with bio-oil and microbial resistance, they are ideal for your processing and packing areas.



Datwyler **Fire Safety Cables**, from iDaCs, provide continuous power and data transmission even in a fire – enabling crucial safety systems to function dependably for an extended time – and **ensuring added protection for people and property**. These Halogen free cables do not emit corrosive gases in case of fire, do not burn easily, possess a low fire propagation factor, and there is a little production of smoke.

If you're looking to extend or re-house your IT network, need a segregated data centre or want a fully operational disaster recovery solution; **iDaCs' Containerised Modular Data Centre's (MDCs) and DC IT-Safe Micro Data Centres** provide a flexible and economic alternative to a traditional construction project.



Particularly for manufacturing plants, where EMI is generated during production, MDC's offer a resilient and secure option for your IT network. They're quick and simple to implement with minimal planning requirements and site preparation; plus they can be re-located easily on a standard container truck – making the most of your Investment.



iDaC Solutions is proud to be the UK distributor of Woertz Swiss-made cabling **solutions for building automation**. Woertz is a leading provider of flat electrical distribution cables - ideal for use in offices and production areas. The cabling system – which also includes plug-and-play IDC junction boxes & taps – offers faster, lower cost installation (**up to 75% labour saving versus conventional cabling solutions**), plus simple modifications and additions.



Contact us today to find out more about our other products & services.



- High Performance Network Cabling
- Industrial Ethernet Cabling
- Marine Data Cables
- Containerised Data Centres
- Fire Safety Cables & Accessories
- Lift Cabling
- Cabinets & Enclosures
- Automation & Robotics Cabling
- Building Automation Systems
- Other Special Cables

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