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**Food production in a changing world – the challenges and solutions**

Join us at Appetite for Engineering 2022, on 13th October at the MTS in Coventry, where we will be discussing the challenges and solutions surrounding food production in a changing world.

The conference programme will look at the drivers behind technology adoption in food processing, including the need for greater sustainability – both in the production process and across the entire supply chain. We will provide delegates with a day’s learning set across three sessions – comprising case studies presented by engineers who work within the food production environment and interactive panel debates. To register your interest in attending this event, which is free of charge for those working directly in the food processing sector [CLICK HERE](#).

**LATEST FEATURES & NEWS**



**Seeing the benefits of automation**

Find out how Goya Foods has increased productivity with the help of automated bulk bag dischargers at a new facility.

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**Taking steps to prevent physical contamination**

*Ian Robertshaw* outlines some key considerations for reducing the risk of food safety breaches.

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How choosing the **right positive displacement pumps** today will save you in the future



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### Getting things sorted

Coca-Cola Europacific Partners Germany has invested in a returnable glass line in its Mannheim facility, which is able to manage highly complex sorting tasks.

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### In praise of non-contact radar sensors

*Food Processing* spoke to *Felix Johansson*, level associate solutions manager at Emerson about the adoption of 'smart' sensing solutions in food production applications.

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### Surge in food waste is undermining net zero progress

Pressure on supply chains has led to food buyers in the UK's biggest organisations reporting a 60% increase in food waste over the last six months, casting doubt on the food industry's ability to meet the UN's Sustainable Development Goal to reduce food waste by 50% by 2030.

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### Controlling Salmonella

*Stine Lønnerup Bislev* offers advice on controlling Salmonella within the food production environment.

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### Reducing compressed air energy consumption

Festo suggests five practical measures that can help reduce compressed air energy consumption in the food production environment.

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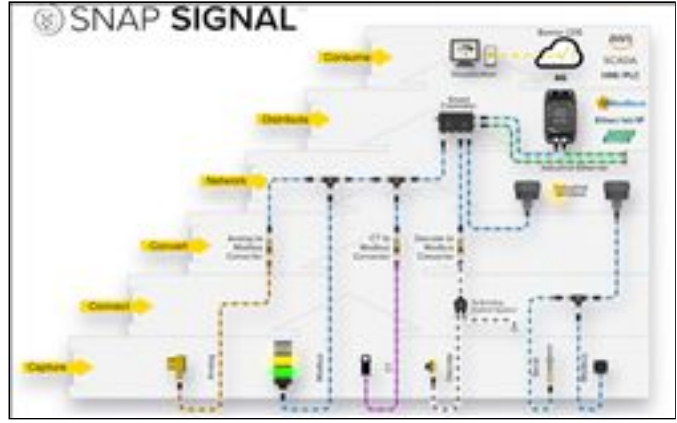
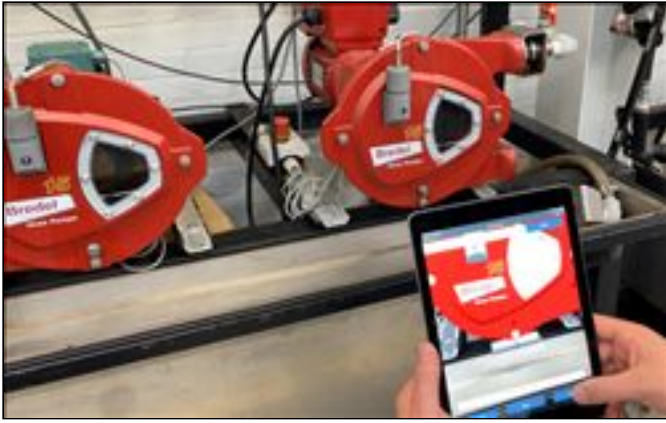


### Lubricants – getting it right

*Andy Howard* highlights some important considerations when looking at lubrication solutions chosen for use on the food factory floor.

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## PRODUCTS



### Augmented reality app launched for hose pump maintenance

Watson-Marlow Fluid Technology Solutions (WMFTS) has launched the Bredel hose pump augmented reality (AR) customer app, designed to reduce maintenance time with clear step-by-step visual guidance.

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### The Swiss Army Knife of IIoT and condition monitoring systems?

SNAP SIGNAL is a complete suite of products that enables the collection of data from machines that were never designed with data in mind. The range, available in the UK from Turck Banner, enables cost-effective signal conversion when, for example, one more analogue input is needed when only have a digital input is available.

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### Rotary cleaner added to CIP solution for small tanks

SNP has introduced the latest addition to its tank cleaning product line-up – the HydroWhirl Mini (HWM). This mini rotational tank cleaning nozzle is said to be suited to cleaning compact areas inside equipment or small tanks up to 3ft in diameter.

[Read more](#)

### Compact and flexible tray sealer

Designed to replace its i2, the recently launched automatic MPE i4 tray sealer is said to be more compact and more versatile.

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### Food-grade bearing reduces maintenance requirements

A new deep-groove ball bearing from SKF, containing food-grade grease and an integral seal, requires no relubrication – which helps maintain both machine performance and hygiene standards.

[Read more](#)



### Conductivity sensors suited to use in CIP applications

### Reducing production downtime with digital services

Developed to provide a cost-effective solution for clean-in-place (CIP) monitoring, the LDL200-series conductivity sensors from ifm electronic are available in versions that can be directly installed into pipes of any size from DN25 upward.

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OTTO is a digital service from Busch Vacuum Solutions that combines condition monitoring of vacuum pumps with service packages with the aim of providing high process reliability and lower cost of ownership in factories.

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