



# How did 2021 start for you?

For some, this year is a continuation of what took place in 2020, while for some, it signaled the start of something new.

We can't control macro-economic factors like ongoing lockdown restrictions, but we can manage the way we respond to it.

By now, some of your competitors are well on their way to embracing IIoT technologies to give them a boost. Perhaps you're lucky enough to have already adopted IIoT technologies yourself.

Wherever you are in your journey, it's not too late.

Make 2021 the year for ramping up production and experiencing the true benefits of superior technology!

What are the main benefits of IIoT to your business?

- Greater energy efficiency
- Reduced costs
- Better quality products
- Improved decision-making potential
- Less equipment downtime

## News just in!

# KUKA joins Open IIoT

Industrial robotics experts, KUKA have just cemented their place as part of the Open IIoT cohort.

Since its founding over a century ago, the company has stood for ideas and innovations, bringing their industrial robotics solutions to over 40 countries. In addition to being the world's leading supplier of production systems in the automotive industry, KUKA has established itself as a trailblazer in e-commerce, electronics, energy, consumer goods, metal, plastics, and even the entertainment and healthcare industries. Catch KUKA's robotic integration soon!

**OPEN IIoT** **KUKA**

Industry 4.0 - let's get implementing!

We are happy to announce that KUKA has joined our Open IIoT panel

We are excited to see their products in action on our Industry 4.0 demonstration model.

# What is AI, really?

Our team recently received some interesting insights from Dr Adrian Johnston, CTO at Xaminai:

Artificial intelligence (AI) has become a popular term in recent years, and as people who build this technology one question we are often asked is "What exactly is AI and what can it do?"

Well, have you ever found yourself on a family road trip, picking out and counting different cars by colour, make and model? Or playing a game of "I spy" to pass the time? This type of object identification and decision making, even by young children, far surpasses the abilities of traditional computer programs.

Programs like Microsoft Excel or your web-browser, rely on many combinations of simple rules to process data and display information. In contrast, AI systems learn to solve problems in a similar manner to humans.

Want to find out more? [Read more](#)



# Our members in the press

## What's New in Food Technology & Manufacturing Magazine.

Balluff's latest range of pressure sensors provides a programming function, a visual display of the current pressure and a diagnostics window into the sensor.

Their configurable functionality allows users to select an analog, digital or IO-Link output. This is particularly important for machines with high utilisation.

Suitable for use in many industries, including food and beverage, packaging, metalworking, metallurgy, mobility and energy, the primary applications are pressure measurement at a hydraulic power unit and level measurement in a storage tank. The sensors come standard with IP67 protection and offer the option of IP69K.

With built-in condition monitoring, the sensors also provide pressure peaks, internal temperature and operating hours. Other key features include: flexible application with configurable outputs — analog, digital and IO-Link; broad temperature range: -40...+125°C; additional diagnostic functions; one system — from the sensor to networking and connectivity in a single source.

[Read more](#)



# Retail World recently asked Australia National Sales Manager Jim Wallace of Balluff for his thoughts on the right time for manufacturers to consider IIoT solutions.

"If you're a manufacturer, and your goals include things like reducing your manufacturing costs, higher machine availability, less downtime, improved asset utilisation or reducing scrap rates, then you should probably be looking at an IIoT solution," he said.

"If we can measure something, we can improve it, so it amazes me how many manufacturers continue to operate without having any of the real-time data visibility offered by IIoT."

[Read more](#)



# IIoT News

## Investing in the human element of IIoT.

Despite the unique skill-set and processes that IIoT demands, worker training is consistently overlooked. As excited as we are to see that more and more industrial organisations are realising the value of IIoT, we're also seeing that many of these businesses tend to over-rely on automation and fail to support their workers on the front lines, whose jobs are immensely impacted by IIoT adoption, and the vast troves of data it creates. Read what Manufacturing.net has to say about the issue here:

[Read more](#)



# Choosing the right AI approach for your manufacturing business can be overwhelming.

There are so many factors to consider, not least of all cost and scope. According to IIoT World, the most important rule when it comes to this decision is knowing that there is no such thing as a 'one size fits all' solution - don't fall for a flashy marketing pitch! Find their full list of best practices for investing in Artificial Intelligence here:

[Read more](#)

# What makes the factory of the future?

In the case made by The Manufacturer, one thing is certain. In the age of smart factories, manufacturers need to create the perfect mixture of automation, robotics and IIoT. Once this has been realised, efficiency and resilience will become the norm and manufacturers will be able to survive in this competitive market.

[Read more](#)

25-28 July 2021  
Sydney Showground  
Sydney Olympic Park

[Find out more](#)

Exhibit in 2021. For more than 50 years, foodpro has been bringing together the entire food manufacturing & processing sector. Now more than ever is the right time to connect with key decision-makers and buyers, generate leads and forge long lasting relationships.

## STAY IN TOUCH

## Stay in touch or join us!

If you are a manufacturer, service provider or integrator and feel that you can offer value to the group and would like to join Open IIoT, please contact us at [positiv@openiiot.com.au](mailto:positiv@openiiot.com.au)

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