



RealisePotential

INDUSTRY 4.0 WORKSHOP

Agenda

Manufacturers are constantly under pressure and being asked to do more with less:

- Increase efficiencies
- Reduce waste
- Minimise labour
- Prevent recalls
- Produce better quality goods at lower cost
- Provide end-to-end traceability
- Enhance company culture
- Grow customer base
- Increase market share
- Improve the P&L
- Make the business long-term sustainable

There's so much hype about Industry 4.0, smart factories, smart manufacturing, cloud, networks, cyber-physical systems, IIoT ... so you'd be forgiven for feeling confused.

This 1-day workshop addresses and demystifies all of this, plus it explains in plain terms, **how to get the rubber to hit the road** and where the value proposition is, so you can build a business case.

There are also examples of existing use-cases so you can understand what others have done, how they've done it and what are the results.

At the end of it, you'll have a concrete understanding of Industry 4.0, be informed about the do's and don'ts of implementations, and leave with a concrete action plan of what you can do to get started in your business.

WHY is it important?

A review of THINGS, the IIoT, what is a Smart Factory, new answers to new questions, AI/ML/Big Data, on-premise vs cloud, use cases for IIoT

WHAT is it?

Understanding the value proposition of a Smart Factory approach and its importance for manufacturers to be across the concepts

HOW do you become a smart(er) factory?

Smart Factory value proposition, the 'secret sauce', precursor and foundation steps, purchasing I4.0-ready kit and managing vendors, I4.0 maturity path and 'phases', how to avoid 'silver-bullet' vendors

WHAT IF you do or don't become a smart(er) manufacturer?

How to get the rubber to hit the road, use cases, what will happen if you do/don't do this?, what might get in the way?

MASTERMIND

An opportunity to experience a professional Mastermind facilitation, to extract your key issues, define what might be getting in the way, and devise strategies to solve them, using the 'wisdom in the room'

Next Steps

Create an accountable action plan to ensure the workshop learnings are implemented in your organisation, and strategies to do so

John is a charismatic speaker who captivated the room's attention by his wealth of knowledge and to-the-point valid examples. He explained the concept of Industry 4.0 in terms relevant to the audience. He challenged people's understanding by engaging them with topical industry 4 issues. He provided great hints and tips on how to follow through on the industry 4.0 journey. Overall, the workshop was exciting, empowering and future looking.

- Laleh Sarmadi (Manufacturing Development Manager, Finisar Australia Pty Ltd)

John has presented at a number of SIRF Roundtable events on the topic of Industry 4.0 and the response to these have been exceptional. Over the last two decades John has supported manufacturing businesses in understanding and implementing the key aspects of smart factories, in terms of people, systems and processes, as well as creating strategic roadmaps for them to follow. John brings a clarity to a topic which can be confusing and complex. He has the ability to cut through the jargon and confusion and get right to what Industry 4.0 is, and what the benefits are to those that embrace it.

From a high level systems view right down to functions assessment his ability to communicate this is fantastic.

- Les Wingham (NSW General Manager, SIRF Roundtables)

John's Industry 4.0 session was engaging, insightful and thought provoking. His knowledge, built through years of hands on experience, was reflected in the way he methodically walked attendees through the 'what', 'how' and 'why' of digitisation and Industry 4.0 in an interactive session.

If you are trying to get your head around Industry 4.0, and what it means for your business, I'd thoroughly recommend attending one of John's sessions.

- Dwaine Febey (Manufacturing Manager, Cochlear Limited)



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John has over 44 years' experience in manufacturing starting his journey in Dec 1975.

The last 20 years have been dedicated to helping manufacturers of all sizes utilise smart factory concepts so he's seen first-hand the positive change these investments have made, both on profitability, longevity and culture.

His passion and experience are valued by organisations such as Coca-Cola, Sanitarium, Frucor Beverages, Parmalat, Tomago Aluminium, CSR, as well as various industry bodies and educational institutions.

He has presented to organisation such as Wilmar Sugar, CSR, Ingredion, TrendPac, Beak & Johnston, Cook Medical and Visy Industries, and industry bodies and events such as SIF Roundtables, Best Practice Network and AUSPack, as well as educational institutions such as UTAS and UQ.

John is also an Adjunct Professor of Engineering at UTS, specifically responsible for industry liaison for smart manufacturing and Industry 4.0.

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