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Australia

BUILDING
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INDUSTRY
2022

19TH MAY, 2022

Digitalising National Product Conformity Infrastructure

BLBI 2022

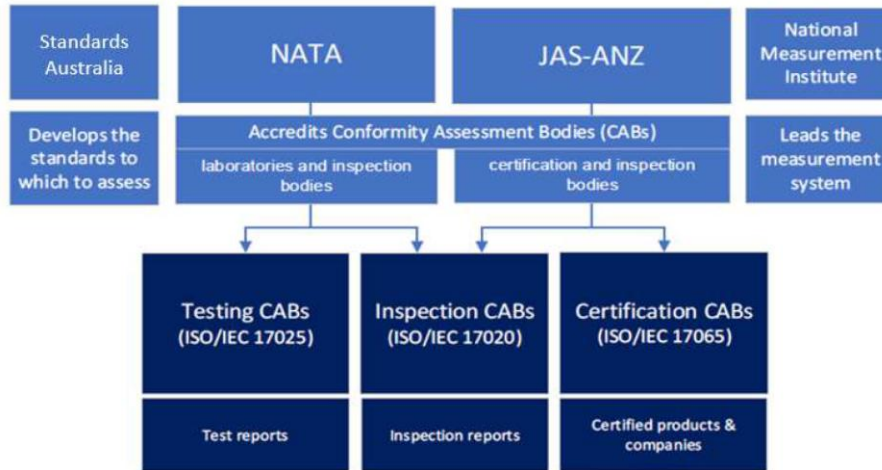Bonnie Ryan – Director, Freight Logistics & Industrial sectors

19 May 2022

National Standards and Conformity Infrastructure

- There are **over 70** business and product conformity schemes accredited by JAS-ANZ

- More than **3,000 testing laboratories** and inspection bodies in Australia are accredited to world-recognised standards across every industrial sector of the economy

- More than **34,000 Australian companies and products** relating to food, building materials, timber, gas, and electrical sectors are currently certified by accredited providers

<u>The challenge</u> is linking product conformity data with physical product flows

➤ Product conformity assurance based on **unverified manual document exchange is inadequate** to support high speed distributed data exchange systems.

➤ Only **sporadic and context-specific** efforts have been evident in addressing the gap between exquisite digital control over physical product traceability vs. lack of traceability of product conformity & credentialling information.

What is the goal?

We want answers to 3 big questions!

Accreditation credentialling

How can I easily link information about the recognised competence of organisations issuing conformity certificates?
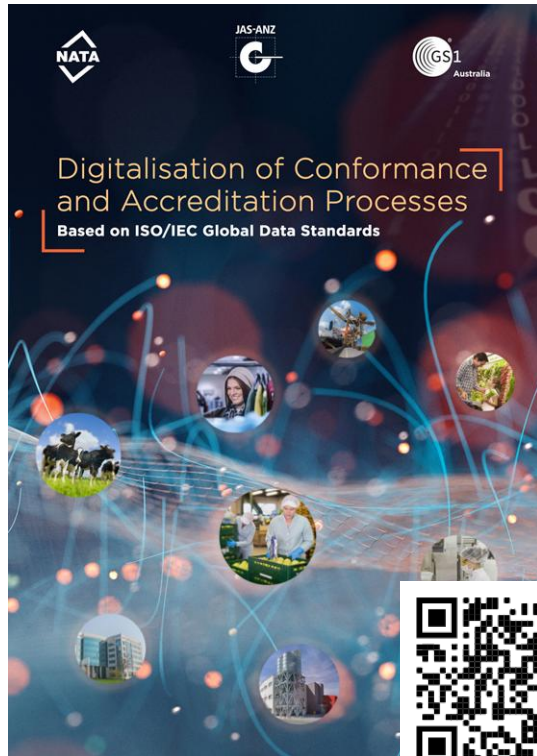
Linkages to shipments

How can I enable unique linkages between certificates and the exact physical goods the certificate relates to?

Tracking conformity events

How can I track inspections and tests occurring along the supply chain (such as cross-frontier inspections) and capture this information within the supply chain data flow?

Digitalisation of Conformance and Accreditation Processes
Based on ISO/IEC Global Data Standards

NATA   JAS-ANZ   GS1 Australia

Three Australian authorities on product conformance and data standards have released a report that proposes to simplify the way product conformance information is managed by government and industry.

www.nata.com.au/supplychain

Thank You

If you have any questions about this project, please email:

Brett.hyland@nata.com.au

GS1 – The organisation…

Introduction and overview

Origins of GS1 barcode

It was a Thursday morning when the first unique sticker of white and black lines facilitated the purchase of a 10-pack of Juicy Fruit gum, from Chicago-based Wm. Wrigley Jr. Co.

The barcode was scanned at 8:01 a.m. on June 26, 1974 at a Marsh supermarket in Troy, Ohio.

Introductory video

Global standards organisation

GS1 is a neutral, not-for-profit organisation that develops and maintains the most widely used global data standards for efficient business communication.

- Local Member Organisations in 116 countries

- 6 billion GS1 barcodes scanned daily

- 100 million products carry GS1 barcodes

- More than 2 million companies use GS1 standards

GS1
Australia

Selling a product starts with a GS1 barcode number

The GS1 barcode launched a digital revolution—enabling a product to be identified and connected to accurate information from the start.

GS1 standards have been used to improve efficiency, safety and visibility of supply chains from source to consumer.

Better consumer experiences and patient safety

GS1 enables businesses to create a digital version of a product that is a true representation of the physical one.

Improving the availability of reliable product information

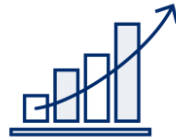*Making it easier to find and buy a product*

Delivering better shopping experiences and improved patient safety

Enabling more efficient and safe business

Sharing trusted quality data everywhere removes friction between business partners and improves performance and safety across the entire supply chain.

Increasing the speed and automation of operations

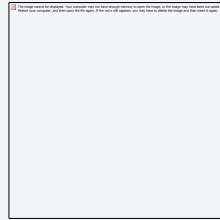*Reducing cost and waste*

Protecting consumers and patients

GS1 standards

GS1 standards create a common language to identify, capture and share product & supply chain data, ensuring important information is accessible, accurate and easy to understand.
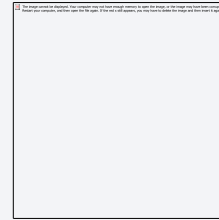
Identify
Uniquely identify products, places and assets

Capture
Capture identity and more in a barcode or RFID tag

Share
Share data with trading partners, consumers and patients

Our global management board

Global partner organisations
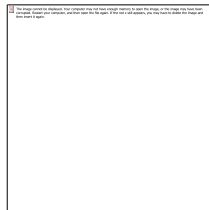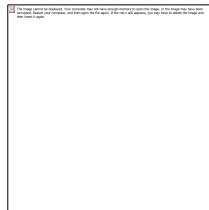
GS1 Australia Board & Council Members

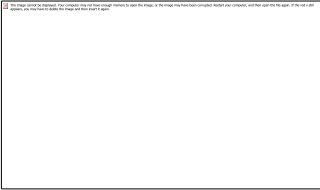## Your national GS1 Member Organisation is industry governed

About GS1 Australia

GS1 Australia serves more than 22,000 businesses across 21 industries in Australia.

- Leading industry initiatives in Retail, Online Marketplaces, Healthcare, Transport & Logistics and Rail
- Administering the GS1 system of data standards
- Providing support services, tools, education and training
- Connecting communities through working groups, events and online forums

GS1 Australia Government Engagement
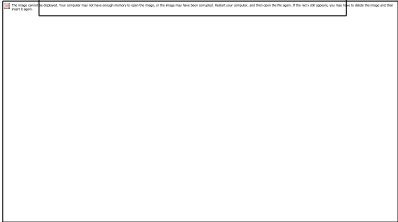
Australian Government
Department of Health

Australian Government
Austrade

Australian Government
Australian Taxation Office

Australian Government
Department of Agriculture,
Water and the Environment

Australian Government
Department of Defence

Australian Government
Department of the
Prime Minister and Cabinet

Contact information

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