

# Food Traceability Industry Demonstrations

## About the Food Traceability Implementation Program

The **Implementing Food Traceability Program** is an initiative of Deakin University's Food Traceability Laboratory, a grouping of businesses in food supply chains, peak bodies, government agencies and applied industry researchers. The Program aims to provide industry guidance and support for achieving end-to-end traceability of food products so they can deliver assurance to consumers and reduce the time and cost to achieve a line of sight along the product's journey.

We focus on what information to collect and share, and how to standardise data formats in line with global data standards, so information systems can share data without integration costs being prohibitive. Projects to date include the generic Implementing Food Traceability Guide (covering all food products), the red meat and Livestock Guide and the Organic Fresh Produce Guide.



## Why are we implementing industry demonstrations?

Industry demonstrations are an effective way to test the data model for supply chain traceability in real world settings. We use data formats that allow agreed supply chain level information to flow between supply chain partners with a range of platforms, systems and technologies. Where a gap exists in being able to share information, a solution is supplied at no cost to the participants, for the duration of the demonstration (4-6 months).

Industry demonstrations allow us to **understand the challenges in creating supply chain level traceability**, to identify any gaps in coverage, or challenges in implementation, whether operational or infrastructure such as telecoms coverage, technology and equipment, system integration or cybersecurity. The demonstrations also enable us to better **understand the broader costs and benefits** for the supply chain in terms of efficiencies, cost-savings, higher visibility, digitisation/technology uptake and support in compliance.

## What is involved for our supply chain partners

An initial workshop will be held to cover GS1-compliant data framework for supply chain traceability – to agree the Critical Tracking Events to share to a traceability platform and the Key Data Elements to be collected and shared.

We then conduct a review of your current technologies, identifying gaps in terms of system capability and testing interoperability. A data model is then put to our supply chain partners outlining the data, who shares what and how data will be formatted to create interoperability.

Once this has been agreed there is a 4-month testing period, supported by the Deakin research team with the findings written up as a case study report.

## What will it mean for your company?

You'll need to nominate a staff member as a key contact., responsible for coordinating internal resources for inception workshop, on-site visits, access to supply chain partners and CIO/IT lead. The Deakin Implementing Food Traceability team will provide project management and technical advice, collating agreed metrics and documenting the results. Members of the GS1-led IFT Solution Providers Reference Group may be called on to provide solutions as required and GS1 Australia will provide advice as required.

## Contact us

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