



Supply Chain Mapping

FOR THE FOOD INDUSTRY



Connecting your business at each stage
of your traceability journey



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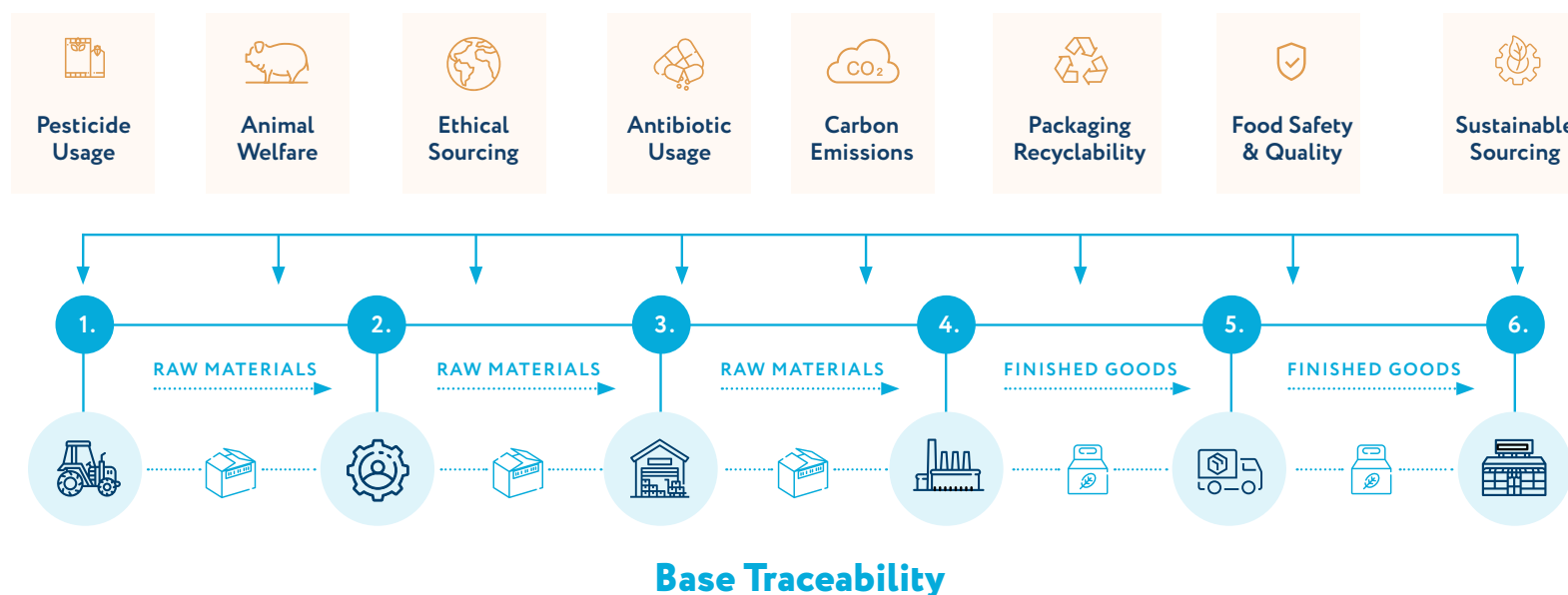


Supply Chain Mapping and Traceability at a Glance

Supply chain mapping and traceability – and how the food industry uses them – is changing. What began with a need to trace and track products, and the raw materials they come from, for our food security has evolved. Now supply chain mapping has become part of the wider 360-degree supplier compliance agenda, feeding into the over-arching sustainability discussion. It supports an evidence-based approach to supply chain due diligence and guarantees a clear provenance for the ever-demanding consumer.

Businesses are acutely aware of the need to mitigate risk at every part of their supply chain network. This has created a greater need for real-time traceability.

Value-Added Supply Chain Traceability



FOOD INDUSTRY CHALLENGES





Food Industry Challenges

The food industry faces many challenges when it comes to supply chain visibility.



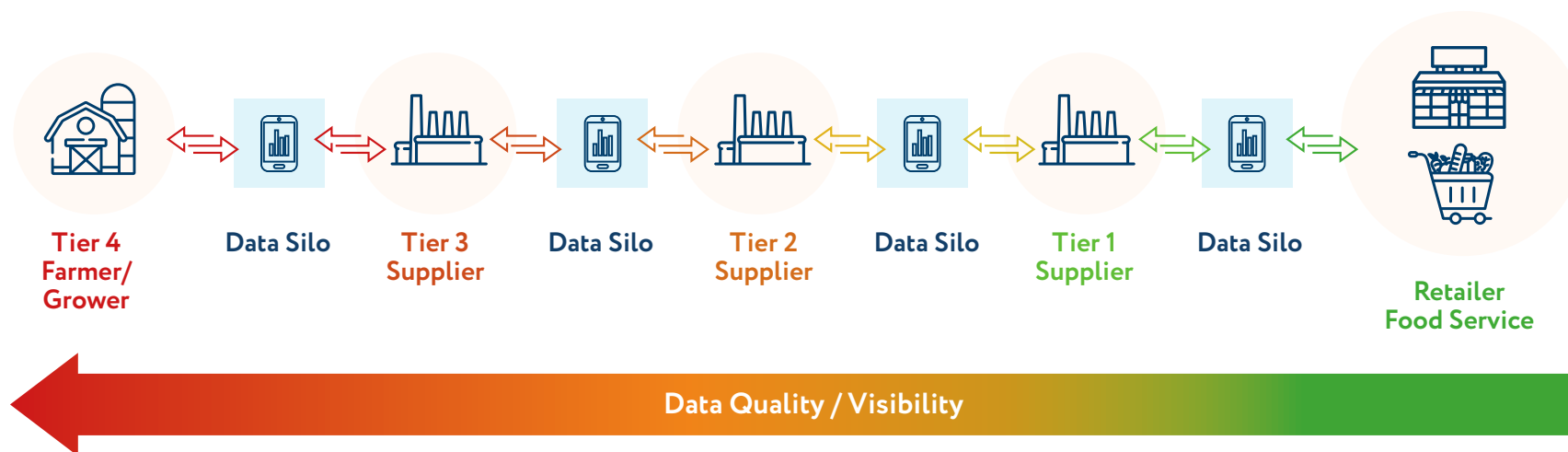
Visibility beyond Tier 1 Direct Suppliers is not always clear

Customers know their immediate suppliers but have limited visibility of their suppliers further upstream



Each supply chain Tier's data is siloed

The data exists end to end, but is not stitched together in a usable format





Regulatory Challenges



The Food Modernization Act (FSMA 204 rule), EU Deforestation Regulation (EUDR) and other changing regulations are reshaping the traceability landscape. They are providing the means and mechanisms to achieve a more transparent global supply chain, validating claims through robust traceability processes and prompting the use of digital tools.



In the US, policies affecting food safety, labelling, and ingredient regulation could shift significantly depending on which priorities gain traction and whether the FDA can secure the resources to meet existing 2025 objectives, as outlined in the Human Foods Program. Ultra-processed foods (UPFs), genetically engineered (GE) foods, front-of-package labelling and state vs. federal level regulation are all areas that may see changes in approach and require additional consideration from the food industry.





Market Challenges



Consumers are demanding more transparency after significant food fraud and adulteration events.

Consumers want to be able to trust in the products they are buying. The proliferation of social media means that any issue with authenticity can quickly escalate and impact brand reputation.



Supply chains are globalized, complicated and often spread across different regions, countries and continents

– consumers expect to have access to products sourced around the globe at all times of the year.





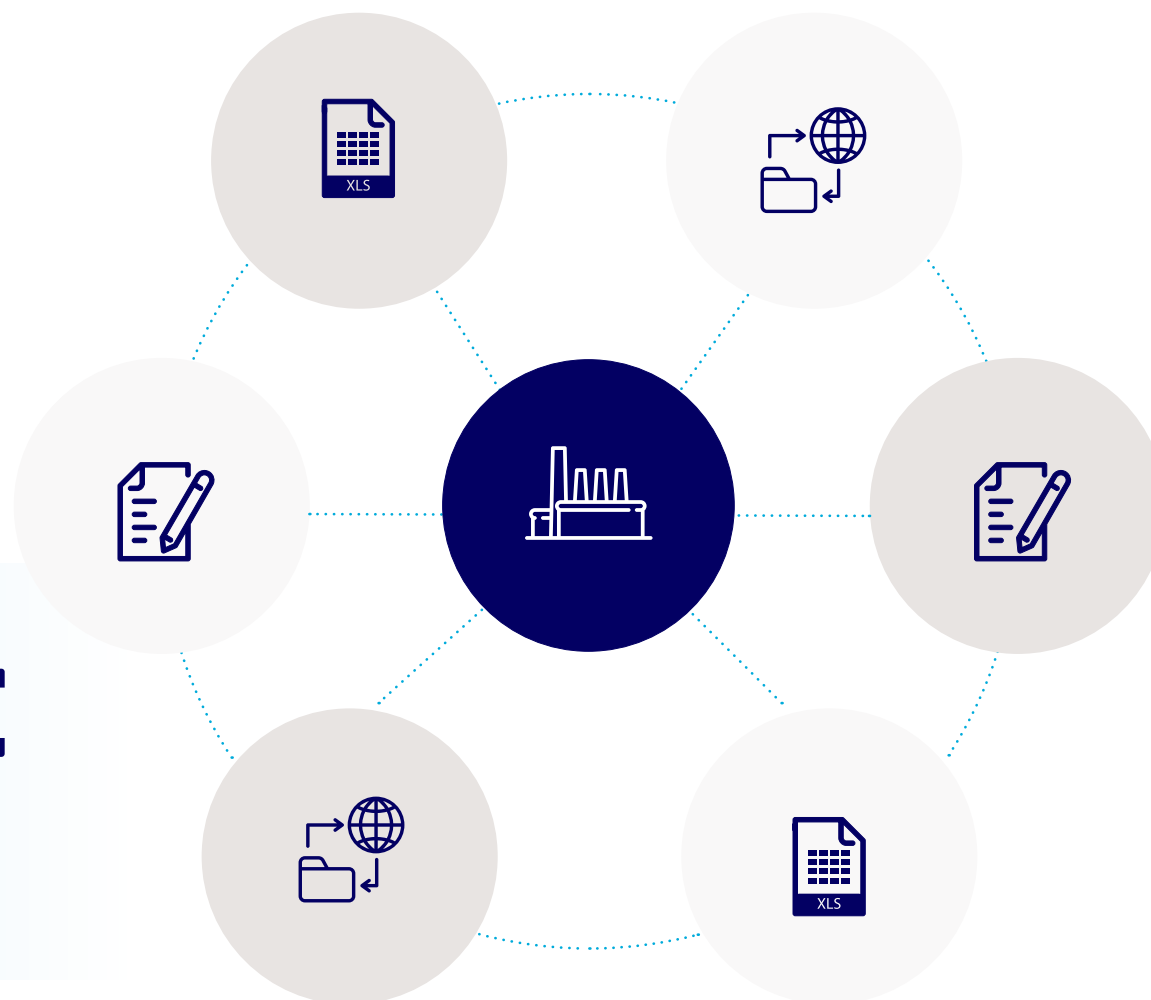
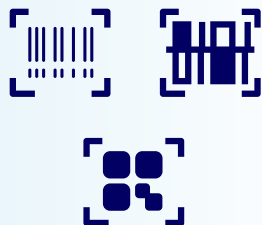
Supply Chain Visibility Challenges



Different supply chain eco systems are at varying stages of digital maturity – multiple methods of data capture exist within businesses, ranging from pen and paper through to spreadsheets and real-time systems.



Different data capture standards and barcode systems create inconsistency – this is compounded by different regulatory standards.



HOW TO START ON THE SUPPLY CHAIN MAPPING JOURNEY



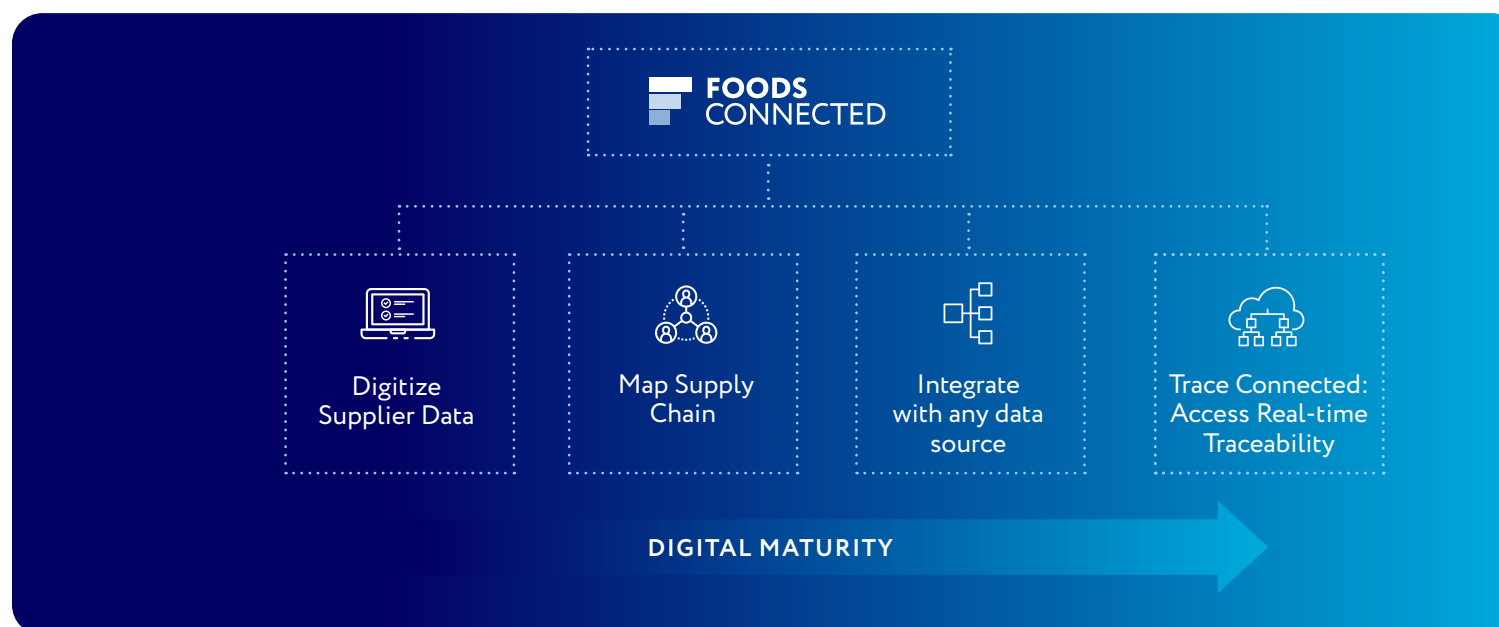


Our Supply Chain Mapping Toolkit

At Foods Connected, we know there is no one-size-fits-all supply chain mapping solution. Each business is at a different stage of its traceability journey.

So we've designed a flexible data-agnostic solution, which connects to – and with – your existing systems to create an umbrella network that ensures full supply chain visibility.

You can use it to digitize, map and create a connected supply chain regardless of what stage of the traceability journey you are at.

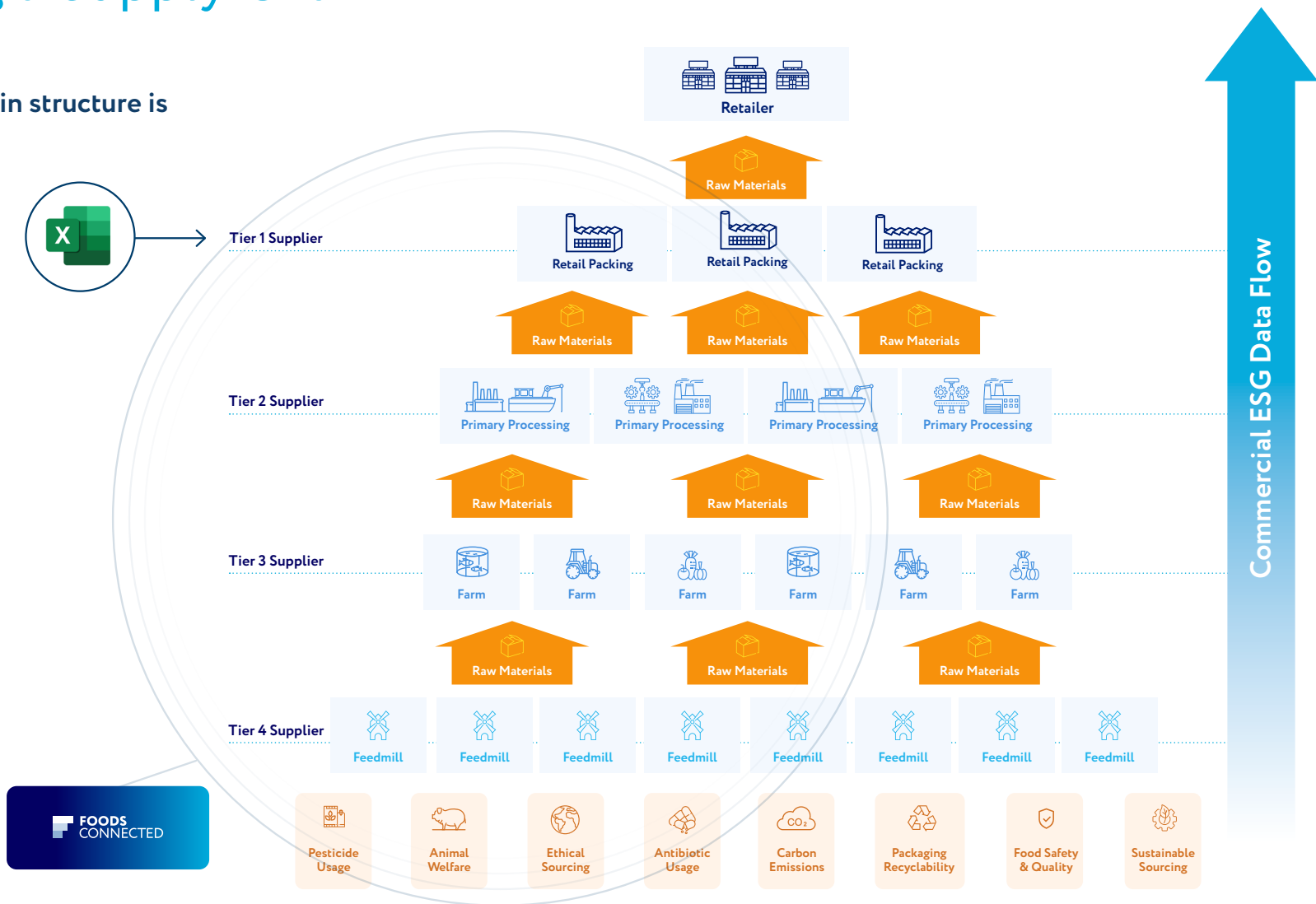




Mapping a Supply Chain

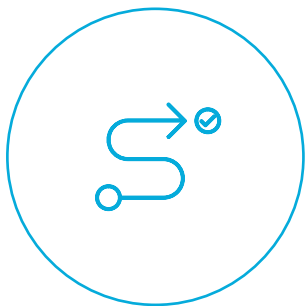
Understanding the supply chain structure is the first part of the process.

- Pulling data from your ERP system into excel is a good starting point and normally covers your Tier 1 supply base.
- Plot the path points to understand the full supply chain structure.
- Further upstream supplier data is more difficult to obtain but can be achieved through software platforms like Foods Connected.
- Only when this step is done is more product transparency is achievable.





Tips for implementation of an end-to-end Supply Chain Mapping solution



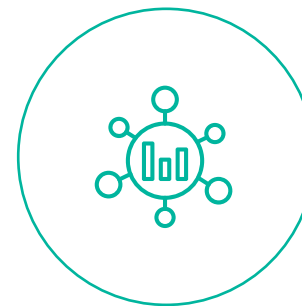
Take time to manually map out your supply chain parameters (key path points).



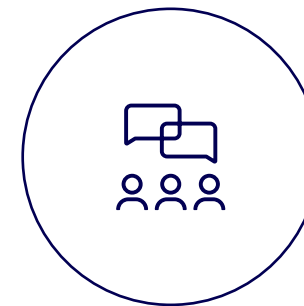
Understand the pain points, but don't try to implement all the changes at once.



Pick the right project team and focus on a bite-sized part of your supply chain to create a proof of concept.



Pick partners and solutions that integrate with your own ways of working.



Get buy in from top management.

OUR TOOLS





Digital Supplier Management

Getting your supplier data into a digital format doesn't have to be a challenge. Our suite of **digital supplier management tools** offer you complete control of your supplier relationships and total visibility over supplier data, so you can manage your supply base compliance with ease.



With our **Supplier Manager and Supplier Questionnaire tools**, you can manage and engage with your list of approved suppliers, gain access to approval documents, control and manage compliancy, and gather essential sustainability and auditing supplier data.



You can ensure your suppliers' certifications are all up to date with our **Supplier Audit, Check and Accreditation Managers**.



Cut down on admin tasks with our automated **Document Request Manager**.



Minimize risk and ensure safety standards with our **Incident Manager and Risk Assessment tools**.



And have a clear view of your supply chain activity with our **Reporting tools**.

Risk Assessment Manager: Completed - DEMO CO RISK ASSESSMENT (DR, S

Supplier: All Supplier Type: All Supplier Associated Site: All Status: All Lead Technical: All

Supplier Status: All Score: All Sort By: Date Completed

v. Selected

Site	Supplier	Last Updated By	Points (Score Rating)	Review Date	Status
Group	Fruit Supplier	Steve Jones	55/600 (9.17%) (Low)		Awaiting Response
Factory 1	Tea Supplier	Steve Jones	15/600 (9.17%) (Low)	16/08/2022	Confirmed
Group	Fruit Supplier	Steve Jones	0/600 (9.17%) (Low)	16/08/2022	Confirmed
Group	Tea Supplier	Steve Jones	15/600 (9.17%) (Low)		Confirmed
Group	Tea Supplier	Steve Jones	175/600 (29.17%) (High)	05/09/2021	Requires Your Action
Factory 1	Cheese Supplier	Steve Jones	5/600 (9.17%) (Low)	16/08/2022	Confirmed
Group	Dairy Farm 1	Steve Jones	0/600 (9.17%) (Low)		Requires Your Action
Group	Abattoir 1	Steve Jones	170/600 (28.33%) (High)		Requires Your Action
Group	Abattoir 1	Steve Jones	0/600 (0.00%) (Low)	16/08/2022	Closed
Group	Abattoir 1	Steve Jones	0/600 (0.00%) (Low)	16/08/2022	Confirmed
Group	Meat Processor	Steve Jones	5/600 (0.83%) (Low)	16/08/2022	Confirmed
Group	Cold Store	Steve Jones	10/600 (1.67%) (Low)	16/08/2022	Confirmed



Supply Chain Mapping

The next logical step is to map your supplier information upstream – and our **Supply Chain Mapping solution** makes this simple. It plots out each touch point within your individual supply chain, providing complete transparency. Designed to integrate with our Supplier Manager tool, it helps you identify and act, so you can react swiftly to any incident, be it supplier issues or product recall.

KEY FEATURES

- ✓ Easily build your own, fully customizable supply chain maps and templates to show your product journey and share with suppliers both up and down the supply chain.
- ✓ Define your supplier touchpoints by business activity, supplier and supplier sub type, specifying if each touchpoint is mandatory.
- ✓ Full edit history available for each supply chain map and template.
- ✓ Delivering complete transparency and accountability along completed supply chains and templates.
- ✓ Ability to share the templates upstream in the supply chain.



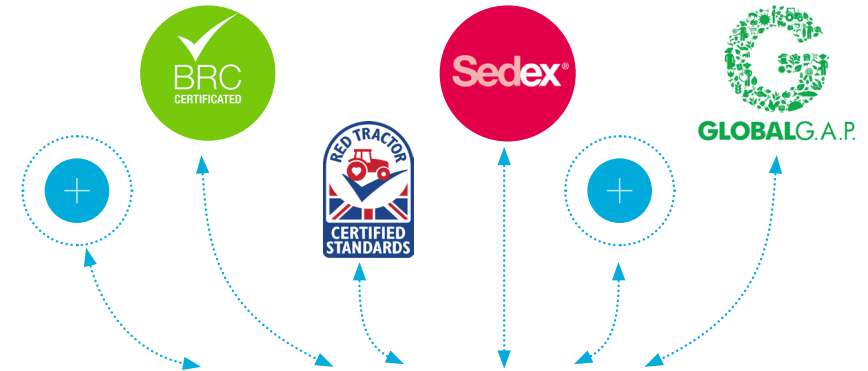


Real-Time Supplier Accreditation

As an additional feature supporting the end-to-end trace exercise, Foods Connected can pull in real-time third party accreditation body certification status through an API to their websites.

KEY FEATURES

- ✓ **Real-time API integration with 3rd party accreditation bodies such as Global Gap Rainforest Alliance, SEDEX BRC, Red Tractor, and more.**
- ✓ **Supplier accreditation status auto-updates as required to flag invalid certification, expiring, or expired memberships.**
- ✓ **Central view of all supplier accreditation details, including accreditation number, expiration dates etc.**
- ✓ **Filter supplier accreditation lists by sub-categories, with a text search box allowing you to locate key data quickly.**



FOODS CONNECTED | Supplier Document Manager

Documents | Received Documents | Exceptions | Activity Overview | Template Manager | Admin | Ingredients | Admin

Site: All | Created By: All | Status: All | Category: All | Sort By: Last Updated | Search: [Search] | Filter | Clear Filters

+ New Document | - Delete Selected | View Selected

Date	Document Name	Document Category	Version	Status
15/04/2021 10:56:42	Store Check SOP	Technical	1	In Progress
15/04/2021 10:56:42	New Document	Technical	1	Completed & Approved
15/04/2021 10:56:42	Technical Conditions of Supply	Technical	1.1	In Progress
15/04/2021 10:56:42	HACCP System	Technical	1	In Progress
15/04/2021 10:56:42	Eggman Supply Contract	Technical	1	Completed & Approved
15/04/2021 10:56:42	2021 Purchasing Contract Terms	Commercial	1	Completed & Approved
15/04/2021 10:56:42	Supplier Audit Procedure	Technical	1.3	In Progress
15/04/2021 10:56:42	New Document	Technical	1	Completed & Approved
15/04/2021 10:56:42	Technical Conditions of Supply	Technical	1.1	In Progress
15/04/2021 10:56:42	HACCP System	Technical	1	In Progress
15/04/2021 10:56:42	Eggman Supply Contract	Technical	1	Completed & Approved
15/04/2021 10:56:42	2021 Purchasing Contract Terms	Commercial	1	Completed & Approved
15/04/2021 10:56:42	Supplier Audit Procedure	Technical	1.3	In Progress

WANT TO KNOW MORE?





Foods Connected: The Food Industry Experts

At Foods Connected, we know supply chains.



Our industry and subject matter experts have backgrounds in supply chain, traceability, quality and technical, animal welfare and ESG.



They have worked in industry and experienced unconnected and siloed data and supply chains.



That's why we prioritize transparency in order to deliver food supply chain security and demonstrate compliance to the quality, technical and ESG aspects of our industry.





Get in touch



For UK and EU enquiries contact:



Ian Collins

HEAD OF SALES EMEA



ian.collins@foodsconnected.com



Sarah Bradley

HEAD OF BUSINESS IN IMPLEMENTATION
& CUSTOMER SUCCESS



sarah.bradley@foodsconnected.com



Dr Stephanie Brooks

HEAD OF BUSINESS -
TRACE CONNECTED



stephanie.brooks@foodsconnected.com



For US, Australia and New Zealand enquiries contact:



Keith Cole

PRESIDENT OF SALES
NORTH AMERICA



keith.cole@foodsconnected.com



Chanelle Mallos

HEAD OF BUSINESS
CUSTOMER SUCCESS APAC



chanelle.mallos@foodsconnected.com



Thank you
for reading

www.foodsconnected.com

