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TECHNOLOGY SERVICES

ENHANCING FOOD TRACEABILITY AND COMPLIANCE FOR MARKS & SPENCER AND COSTA COFFEE

P2D Technology Services developed a cutting-edge food traceability application used by Marks & Spencer, and utilised by over 300 food manufacturing businesses globally. This application ensures transparency and traceability throughout the food supply chain, enhancing food safety and compliance with stringent regulatory requirements.

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MARKS & SPENCER

Marks & Spencer required a robust solution to manage and verify the traceability of their food products. The solution needed to ensure compliance with various regulatory requirements, including SPS (Sanitary and Phytosanitary) measures for food imports and exports.

SOLUTION

P2D Technology Services designed and engineered the food traceability application to meet the highest standards of food safety and regulatory compliance. The application tracks the entire journey of food products, from origin to the final consumer, maintaining detailed records of raw materials, processing, and distribution. It ensures adherence to SPS regulatory requirements for food imports and exports, including compliance with DEFRA (Department for Environment, Food & Rural Affairs), TRACES (Trade Control and Expert System), APHA (Animal and Plant Health Agency), and other import control regulations.

The platform facilitates smoother and more efficient movement of goods through EU and ROI borders, reducing delays and improving operational efficiency. It also streamlines the process for veterinarians to sign off goods efficiently, ensuring all health and safety standards are met promptly. By utilising cloud and blockchain database technology, the application ensures an immutable record of data, meeting the requirement for regulatory inspection for a minimum of seven years by EU and UK regulatory bodies as part of food safety and environmental safety standards.

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COSTA COFFEE

Costa Coffee uses the traceability application to manage the export of food products to the EU, ensuring compliance with BREXIT trade conditions. The application ensures adherence to the new trade regulations post-BREXIT, including SPS measures and import controls mandated by EU and UK authorities. The solution streamlines processes for exporting food products, reducing delays and ensuring timely deliveries. It seamlessly integrates with existing systems for efficient data management and reporting.

EXTENDED CAPABILITIES

The solution has been further extended to support carbon and sustainability data in the manufacturing and logistics value chains. This includes monitoring and reporting on the carbon emissions associated with food production and transportation. It provides insights into the sustainability practices of suppliers and manufacturers, helping companies make informed decisions.

RESULTS

Both Marks & Spencer and Costa Coffee have achieved enhanced compliance with SPS regulatory requirements and other food safety standards.

The application has significantly improved transparency across the food supply chain, helping to build trust with consumers and regulatory bodies. By integrating traceability and compliance into their operations, both companies have streamlined their processes, reducing costs and improving efficiency. Enhanced controls and documentation streamline the movement of goods through EU and ROI borders, facilitating quicker and more reliable logistics. The platform's efficiency allows veterinarians to sign off on goods promptly, ensuring smooth and compliant transit.

Conclusion

The food traceability application has proven to be a vital tool for ensuring food safety, regulatory compliance, and sustainability for global businesses including Marks & Spencer and Costa Coffee.

By leveraging our advanced technology solutions, including cloud and blockchain databases, we have enhanced operations and supported the farming and food manufacturing industry and value chains.

Discover how P2D Technology Services can transform your food supply chain with our innovative traceability solutions.

Contact us today at <u>info@p2dts.com</u> or visit <u>www.p2dts.com</u> for more information.

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