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Improving traceability in food processing and distribution



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and Anthony Furness



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In the light of recent legislation and a number of food safety incidents, traceability of food products back from the consumer to the very beginning of the supply chain has never been so important. This book describes key components of traceability systems and how food manufacturers can manage them effectively.

After an introductory chapter on the nature of traceability systems, Part I reviews the role of traceability systems not only in ensuring food safety but in optimising business performance. Part II looks at ways of building traceability systems, with chapters on modelling, identifying and resolving bottlenecks in traceability systems, including process information and tracing analytical measurements. Part III reviews key traceability technologies such as DNA markers, electronic tagging of farm animals, ways of storing and transmitting traceability data and the range of data carrier technologies.

Improving traceability in food processing and distribution will be an important reference for Quality Assurance staff in the food industry in meeting regulatory requirements and improving the safety and quality of food products.

Ian Smith is Managing Director of the UK Division of AIM (Association for Automatic Identification and Mobility), internationally known for its work in developing traceability technologies for industry. Formerly at the University of Central England, Professor **Tony Furness** is Technical Director for AIM UK.

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