



MEKITEC CASE STUDY

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TABLE OF CONTENTS

- 1 About Mekitec
- 2 Kalaneuvos – A Case Study
- 3 Why to invest in Food X-Ray Inspection?

Mekitec Group provides food manufacturers with compact, easy-to-use, X-Ray inspection systems that provide excellent performance and the best value in the industry

MEKI™



Mekitec Facts

- Since 1991, the founders of Mekitec have been involved with X-ray technologies
- Mekitec was established 2005 in Northern Finland
- 2011, introduced it's first own inspection system for food quality control. The company focuses only on food industry applications
- Mekitec has installations in over 40 countries
- Mekitec offers local service in all regions through its vast network of partners



About the company

- Kalaneuvos was founded in Finland in 1975
- Today it is the largest fish processing company in Finland
- Currently the company processes over 10 million kg of fish per year
- The company's most important product groups are;
 - lightly-salted sliced fish, hot-smoked fish, cold-smoked fish as well as fresh fish fillets
- In 2019 Kalaneuvos obtained as the first Finnish fish producer an export license to China
- The company is known for its high quality standards as well as its focus on sustainable production processes



Investing in Food Safety & Quality

- In order to retain its position as a forerunner and premium producer Kalaneuvos started to scan the market for inspection solutions in 2015
- After comparing different technologies the company selected **X-Ray inspection** as the best inspection technology and **Mekitec** as the supplier
- The X-Ray systems of Mekitec provided Kalaneuvos the following advantages;
 - Ability to find metallic **and** non-metallic Foreign Objects
 - Ability to detect contamination also in metallized packaging
 - Compact size and usability of Mekitec X-Ray systems

Investing in Food Safety & Quality

- The crucial factor for Kalaneuvos to invest in Mekitec X-Ray was the ability to detect also **plastic contamination** within the packaged products (e.g. pieces from conveyor belts)
- Kalaneuvos followed the advice of Mekitec and implemented **Primary Inspection** in its quality process → this way superior detection performance and traceability were achieved
- Primary Inspection means inspecting **individual packaged products** instead of trays
- In the end of 2015 Mekitec installed an X-Ray inspection at Kalaneuvos. Mekitec also delivered a rejection system, which automatically removes contaminated products from the line
- Today Kalaneuvos has Mekitec X-Ray systems on **10 packaging lines** ensuring safety & quality

QUALITY AS A COMPETITIVE ADVANTAGE

Partly due to its rigorous Quality Control processes Kalaneuvos became the first Finnish fish processor obtaining an export license to China. This has huge consequences on the company's future business prospects



MEKITEC X-RAY AT KALANEUVOS



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Why to invest in Food X-Ray?

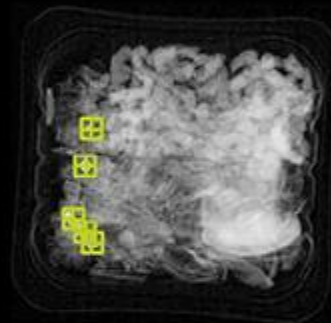
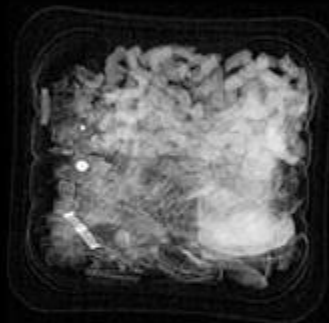
Protects your Customer and Brand

- Foreign object detection
- Detecting incomplete products and missing objects
- Checking package integrity → e.g. presence of closing clip
- Rejection confirmation
- Data-gathering & connectivity
- Artificial Intelligence features are becoming a standard for x-ray systems; the machines learn and analyze product features independently and implement corrective actions

MEKITEC – FOR SAFE FOOD



THANK YOU!



Questions?

