

# Embedded real-time condition monitoring for filling machines

# **Technology**

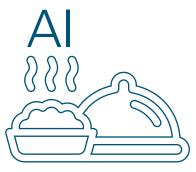
Tiny Machine Learning (TinyML) for cloudless, real-time condition monitoring on embedded systems

### **Customer benefits**

- Cost-effective monitoring
- Closed, secure system
- Precise identification of contaminated food within a batch
- Reduced risk of errors
- Quick set-up and easy retro-fit

## **Technical advantages**

- Automated adaption to different process parameters available in the dataset
- Embedded system without cloud connection
- Real-time monitoring capability
- Retrofit solutions are possible





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**Predictive maintenance** 

# **Application fields**

Condition monitoring of auger fillers

Embedded, retrofittable solution for conveyor systems

Perspective: On-device training of AI directly on the embedded system using its measurement data for improved automatic fault detection



### **Contact and further information**

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