



Damaged Biscuits in Packaging

Challenge:

A leading biscuit manufacturer faced challenges in packaging. With high production rates of 12,000+ biscuits per minute, manual defect detection led to worker fatigue and unreliable detection rates, posing consumer risks.

Solution:

We implemented a scalable quality inspection solution that included software and Deep Learning AI for defect detection in biscuit production. Our AI/ML Engine analyzed **400+** images per camera per minute and integrated with automatic rejection systems to remove defective biscuits.

Impact:



Resulted in negligible wastage by achieving **0.01%** false positive rate.



Provided the company with **USD 25K** in annual cost savings from avoiding distributor returns.

About Gramener

Straive helps clients operationalize the data> insights> knowledge> AI value chain. Straive's clients extend across Financial & Information Services, Insurance, Healthcare & Life Sciences, Scientific Research, EdTech, and Logistics.