



DIRATECH

DIGITAL RADIOGRAPHY TECHNOLOGIES

Bezbedniji proizvodi, Viši kvalitet

Rendgenska rešenja za kontrolu kvaliteta zasnovana na veštačkoj inteligenciji

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Tiha pretnja na proizvodnoj liniji

- Fizički kontaminanti su jedan od tri glavna uzroka opoziva hrane sa tržišta:
- Finansijski uticaj: preko \$1,5M po incidentu opoziva
- Dugoročni gubitak lojalnosti:
 - 55% kupaca privremeno menja brend
 - 15% trajno napušta brend
- Mogući zdravstveni rizici za potrošače pojačavaju štetu u reputaciji brenda i mogu dovesti do sudskih postupaka.



Inspekcija nove generacije, x-zracima i AI, pruža pouzdanost i efikasnost koju zahtevaju moderne proizvodne linije. u prehrambenoj industriji

Pametnija inspekcija. Manje otpada. Veće poverenje.

Naš rendgenski sistem sa veštačkom inteligencijom smanjuje lažno pozitivne rezultate za 30% i omogućava ranije otkrivanje 40-70% nedektabilnih kontaminanata standardnim metodama, što dovodi do uštede od najmanje 1M \$ godišnje.



Predstavljamo DIRATECH rendgensku inspekciju - Novi standard:

- ✓ ***Pristupačno i dostupno*** – Niži startni troškovi, fleksibilne cene
- ✓ ***Preciznije*** – Manje lažno pozitivnih rezultata, manje otpada
- ✓ ***Oснаženo veštačkom inteligencijom i automatizovano*** – Minimalno podešavanje
- ✓ ***Povezano sa oblakom*** – Praćenje u realnom vremenu, usaglašenost sa standardima
- ✓ ***Energetski efikasno i kompaktno*** – Smanjeni operativni troškovi

Nadmašujemo etablirane kompanije u tačnosti detekcije

Opasni realni kontaminanti u složenim proizvodima:

- Staklo

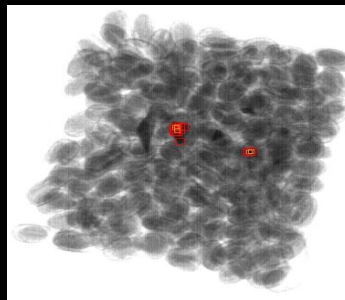


- Kamen

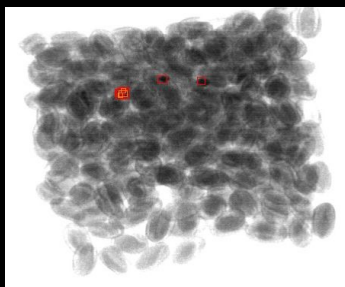


Primer: Kesica pistaća

Rezultati detekcije etabliranih kompanija

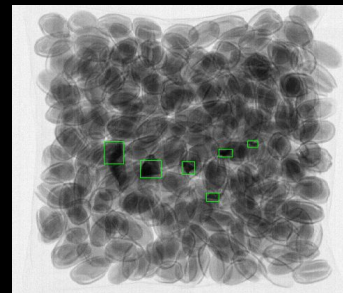


49%

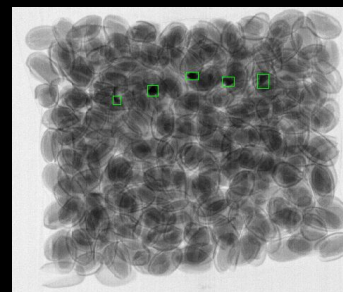


60%

Naši rezultati detekcije osnaženi AI



96%



100%



Do 40% bolja detekcija u poređenju sa konvencionalnim rendgen aparatima!

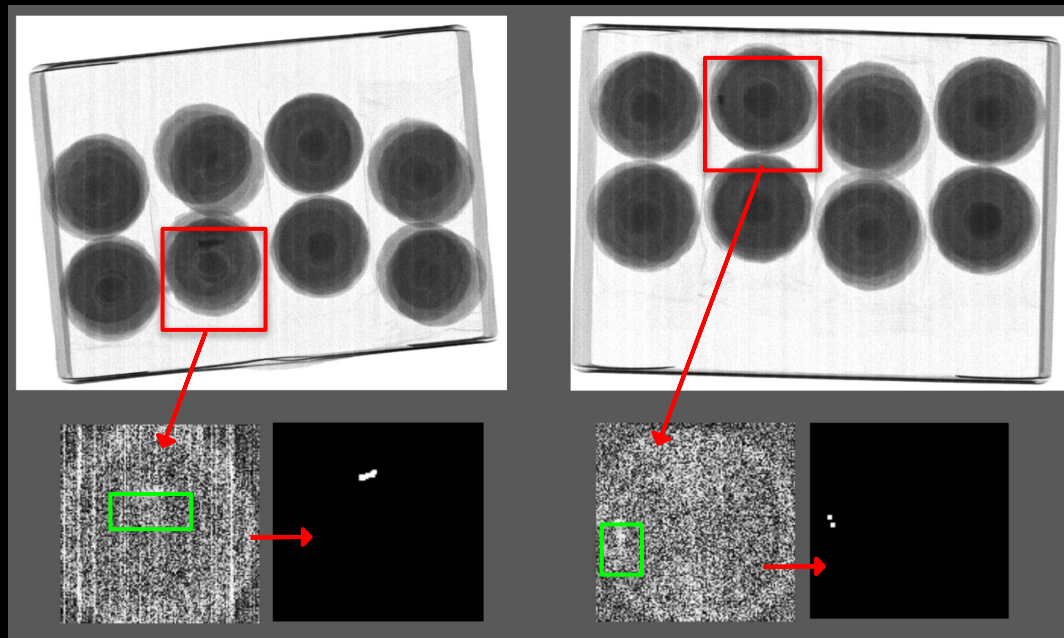
Nadmašujemo etablrane kompanije u tačnosti detekcije

Laki, teško uočljivi kontaminanti:

- Guma iz mašine za preradu



Primer: Čokoladni keks



Ne može se otkriti konvencionalnim rendgen aparatima!

Jedinstvene prednosti naše tehnologije



Detekcija anomalija sa izuzetnom tačnošću i brzinom



Kontinuirano poboljšanje AI modela u vremenu, tokom životnog ciklusa sistema



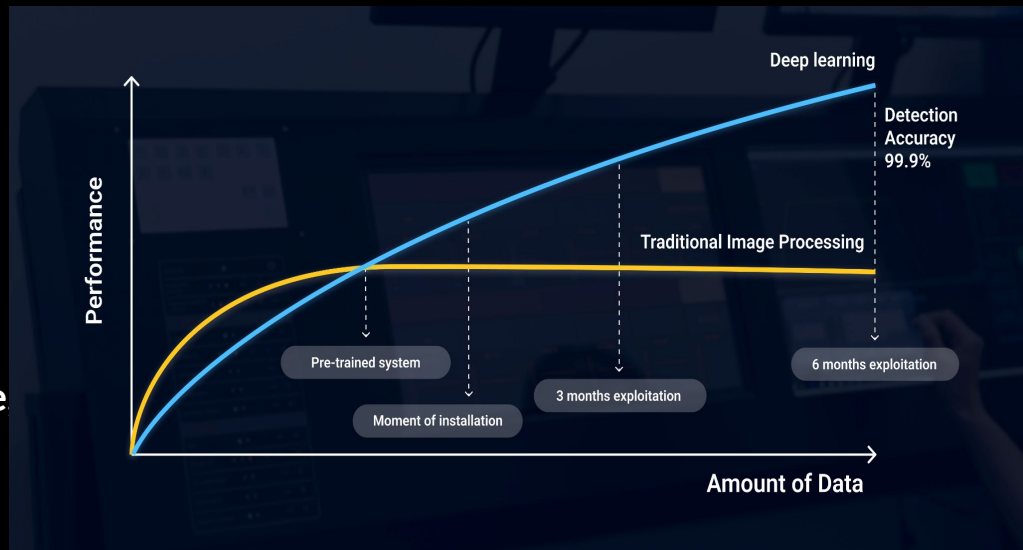
Superiorno otkrivanje teško detektabilnih kontaminanata u složenim proizvodima



Kolaborativno partnerstvo čoveka i mašine
Industrija 5.0



Povezano sa oblakom



Propuštanje ijednog kontaminanta više nije opcija!

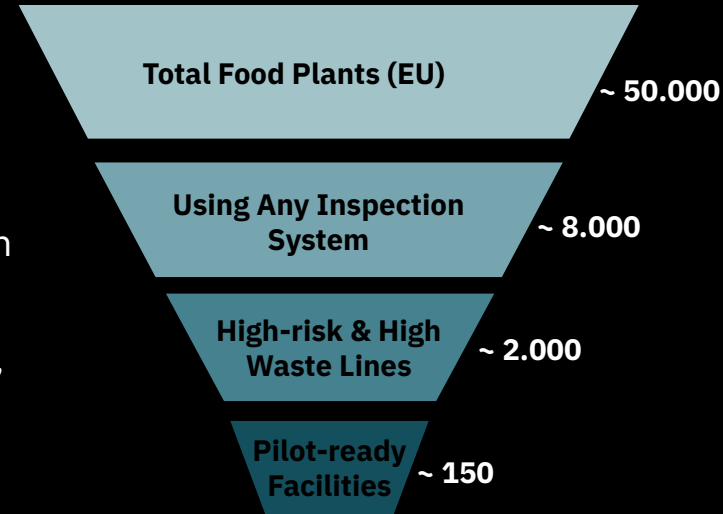
Next-Gen X-ray Inspection: Higher Accuracy, Lower Waste, AI-Driven

Feature	Traditional X-ray Systems	Competitors (e.g., Xnext, XAVIS)	Our Solution
Detection Accuracy	Moderate	Likely high (unverified)	50–70% fewer missed contaminants
Waste (False Rejects)	High (complex products)	Unknown	Low
Lightweight Material Detection	Low	Unknown	High
Ease of Use	Complex	Extremely complex	AI-supported, simpler
Integration	Closed & rigid	Closed & rigid	Open & flexible
Cloud Services	No	No	Yes (in development)
Price	Affordable	Extremely high	Affordable, flexible (subscription options)

Market Opportunity - Urgent Need in Food Quality Inspection

A high-impact, underserved segment with measurable cost and compliance pressure:

- € 3.2B global spend on food quality inspection systems (automated & manual)
- 80% of the systems rely on outdated technology with high false reject rates
- Target market: 2000 high-throughput food plants in EU with critical inspection needs
- Beachhead markets: complex products like cereals, salads, meat and bones, dairy products, frozen food, biscuits
- > € 250M annually in wasted product due to false positives in these segments alone
- Growing regulatory pressure increase demand for traceable, objective inspection systems



60+ Years of Combined Experience in the Team

The fully committed founders
worked on several complex projects together, over many years.



Nikola Golovic,
CEO, Co-founder

20+ years as entrepreneur,
project manager, customer
relations, especially in x-ray
industry and technology.



Aleksandar Zoranovic, CTO,
Co-founder

15 years of engineering
experience, x-ray image
processing, management of
complex tasks and
certification documentation.



Darko Djuric, SW Architect,
Co-founder

20 years in the software
industry, strong background
in x-ray medical devices
electronic and SW design.



**Goran Dincic, Operations
and Regional Sales,**
Co-founder

Implementation of various
types of projects and
machines in the food
industry.



Stefan Jovanovic,
AI Engineer



**Rüdiger Schmidt, Business
and Marketing advisor**



Prof. Dr. Alexander Suhm,
Strategic Business advisor



**Bernd Baezner, Financial
advisor**



PhD Aleksandar Peulic,
Research professor