SECURITY DAYS

LIETUVA TECHNOLOGIJŲ PRIEŠAKYJE - YRA KUO DIDŽIUOTIS

Edvinas Kerza - ScaleWolf
vadovas

Rugsėjo 5 d. 2024
KIBERNETINIO SAUGUMO KONFERENCIJA
esd.eset.lt

VICE-MINISTER OF NATIONAL DEFENCE OF THE REPUBLIC OF LITHUANIA
EDVINAS KERZA

DEFENDING CYBER FRONTLINE

3

MICROWAVE

2

GPS

3

MICROWAVE

INTERNET

1

2

GPS

3

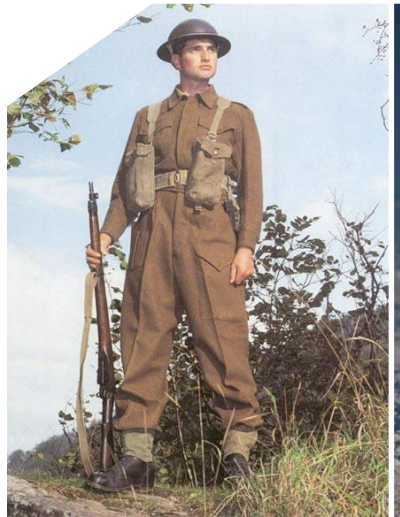
MICROWAVE

KITI IŠRADIMAI

4

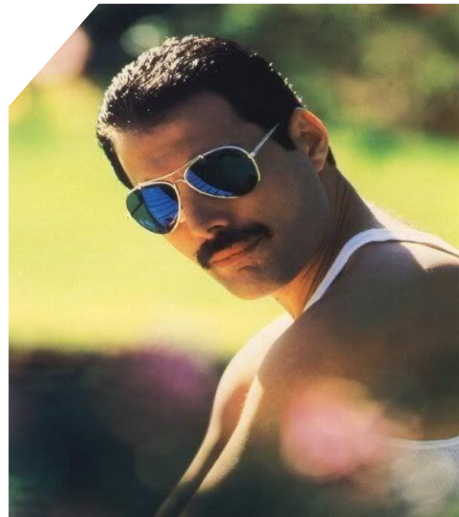
DUCKTAPE

CARGO PANTS



SUPER GLUE

AVIATOR

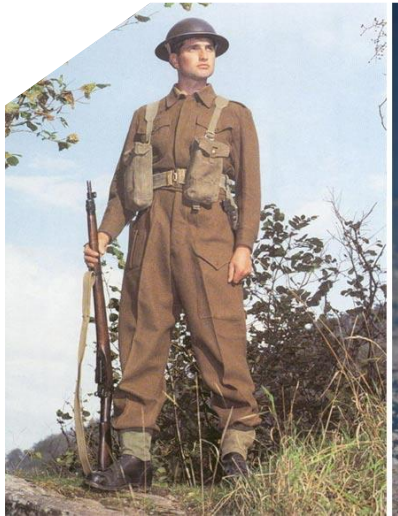


KITI IŠRADIMAI

4

DUCKTAPE

CARGO PANTS



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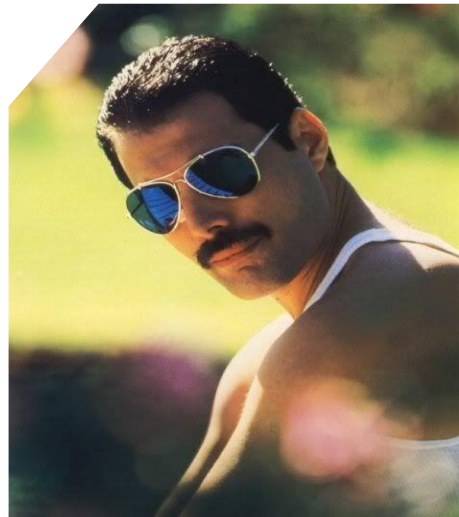

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SĄRAŠAS	UGDYTOS	PRISTATYSIU

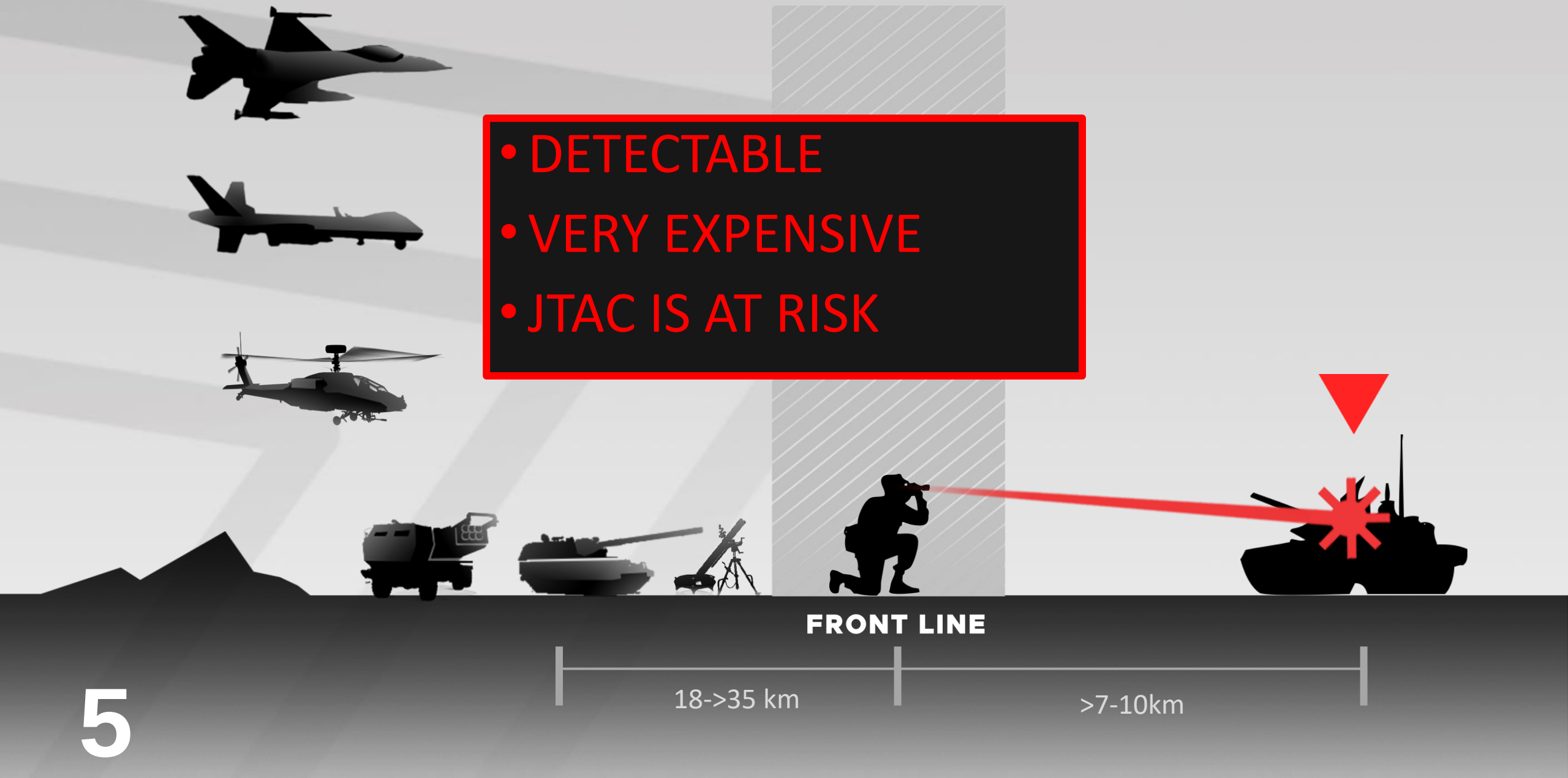
2

GPS

3

MICROWAVE

OLD CONCEPT OF OPERATION



FUTURE CONCEPT OF OPERATION

AKTYVUS PHOTONICS

FUTURE CONCEPT OF OPERATION

AKTYVUS PHOTONICS

- JTAC IS SAFE
- OPERATION IS OUT OF LINE OF SIGHT
- FOCUS ON TARGETING
- HIGH ACCURACY

- PLATFORM IS SAFE
- LESS WASTED MUNITION
- SAVES LOGISTICAL EFFORTS
- LESS BARREL WEAR
- SCALABILITY
- SHOOT-AND-SCOOT TACTICS
- AVOIDED C-BAT FIRE

- CAN TRACK MOVING TARGETS
- LOW PRICE OF PLATFORM
- REAL-TIME TARGETING
- LESS CASUALTIES
- JAMMING-RESISTANT
- ONE SHOT-ONE STRIKE

IMPOSSIBLY SMALL & EXTREMELY POWERFUL LTDs.

In under 3 years.

COMPACT LTDs UNLOCK A WHOLE NEW CONCEPT OF OPERATIONS.

INTEGRATE **TRACK TARGET** **FIRE**

SAVE LIVES. IMPROVE STRIKES.

- 22+ team members
- In-house ISO - 6 certified cleanroom,
- In-house laser development laboratory,
- In-house rapid prototyping equipment,
- Ready to expand for large scale manufacturing,
- Unique ecosystem allowing for fast innovation.

2

GPS

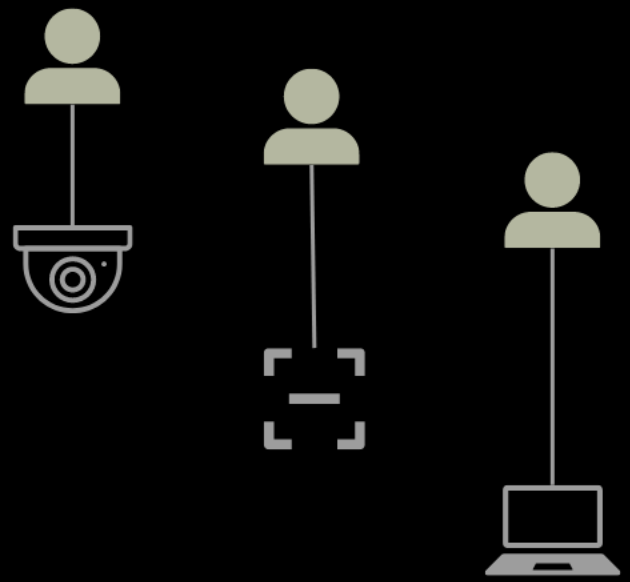
3

MICROWAVE

GREÏ.ai

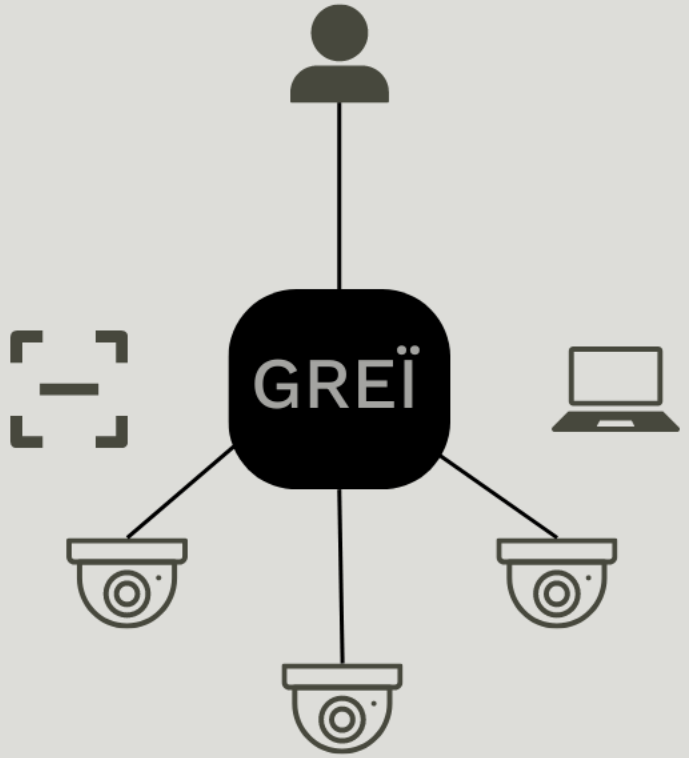
Išmani duomenų apdorojimo sistema verslui

PROBLEMA



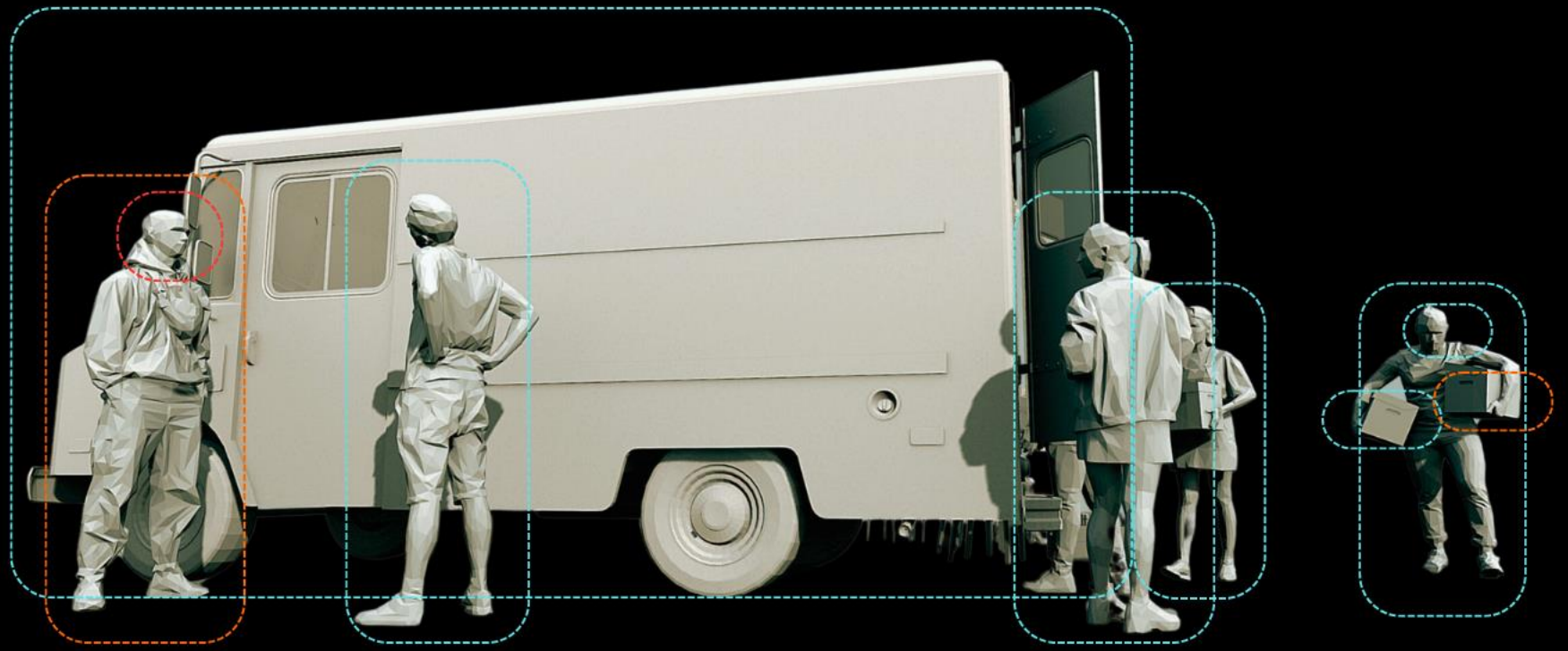
Daugybė tarpusavyje “nedraugaujančių” sistemų, kurioms prižiūrėti ir analizuoti reikia samdyti žmones.

SPRENDIMAS



Sistema analizuoja jūsų turimus duomenis, automatizuoja dalį procesų. Greitesnė reakcija, tikslesni rezultatai, technologijos kaina žemesnė.

KĄ MES MATOME



Žmones

Skaičiuojame, atpažįstame ir užtikriname **anonimiškumą.** Galime sujungti su įeigos kontrole. Fiksuojame **įsibrovėlius,** atgrasome **vagystes.**

Objektus

Stebime **transporto priemones,** sekame **judėjimą,** reguliuojame **eismą** ir stebime krovinių taisykles.

Saugumą

Fiksuojame **avarijas**, identifikuojame trūkstamus **saugos** elementus, stebime **pavojingas** zonas ir pavojingą **veiklą**.

GREÏ.ai

+ Geresnė, išmanesnė ir veiksmingesnė video bei duomenų analizė;
+ Analitika vyksta realiu laiku;
+ Sėkmingai taikoma saugumo, gamybos, logistikos ir kitose srityse;
+ Galima ieškoti dideliame duomenų kiekyje (panašiai kaip ChatGPT langas).

KAMIKAZE DRONES

- Cheap, precise strikes
- Terminal guidance allows drones to chase target autonomously
- Jamming resistant
- No GNSS is needed
- 50 km strike range

In UA since 2022 MARCH

GRANTA AUTONOMY

GRANTA AUTONOMY

7

Battlefield TESTED

Kakhovka damn

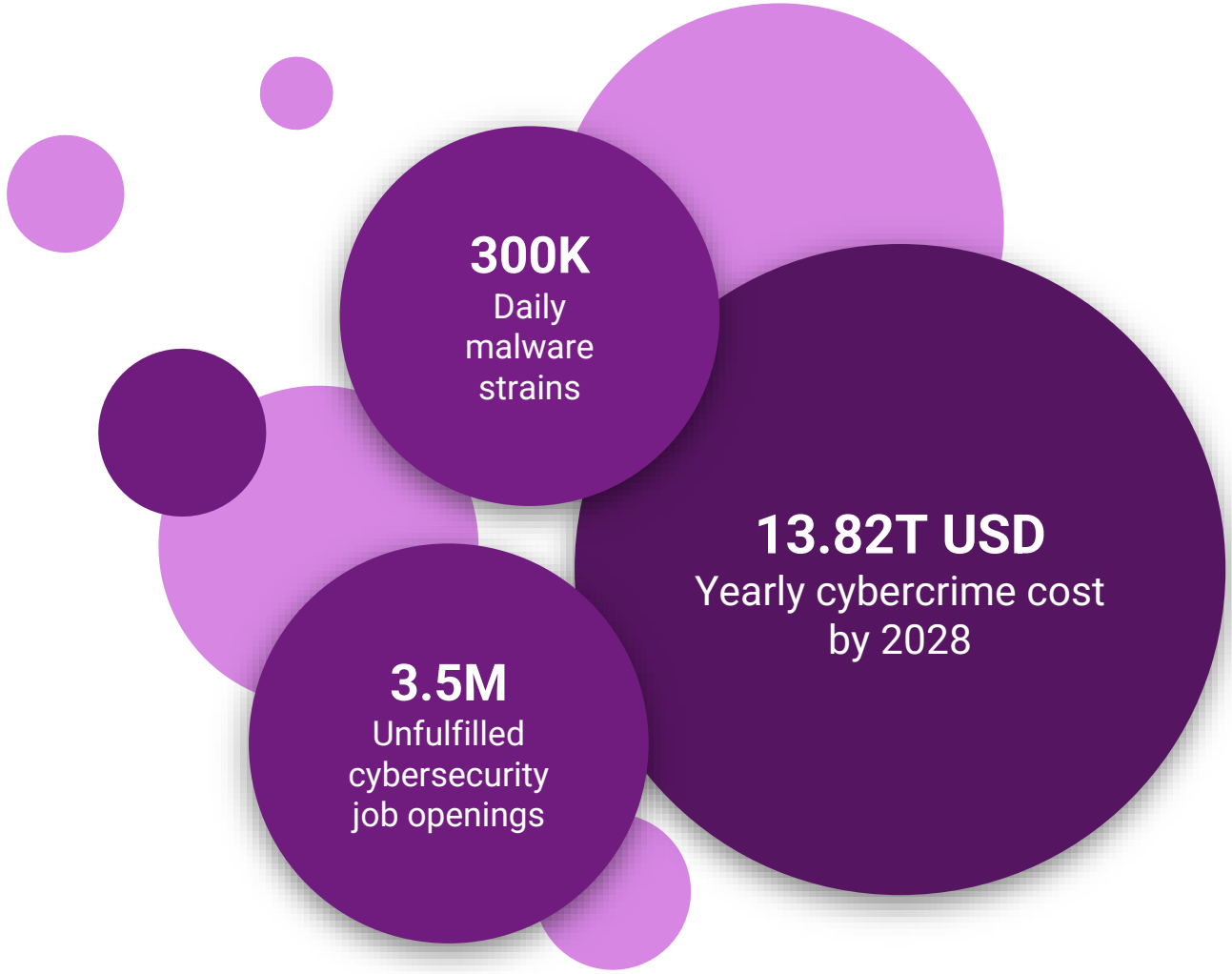
Altitude 1.2-1.5 km

Channel from Kakhovka to the Crimea

Distance: 30-40 km from operator

INTERNET

1


300K
Daily malware strains
13.82T USD
Yearly cybercrime cost by 2028
3.5M
Unfulfilled cybersecurity job openings

Problem

~30 Incidents per analyst per day

- ~80% false positive rate

~45 minutes to analyse each incident

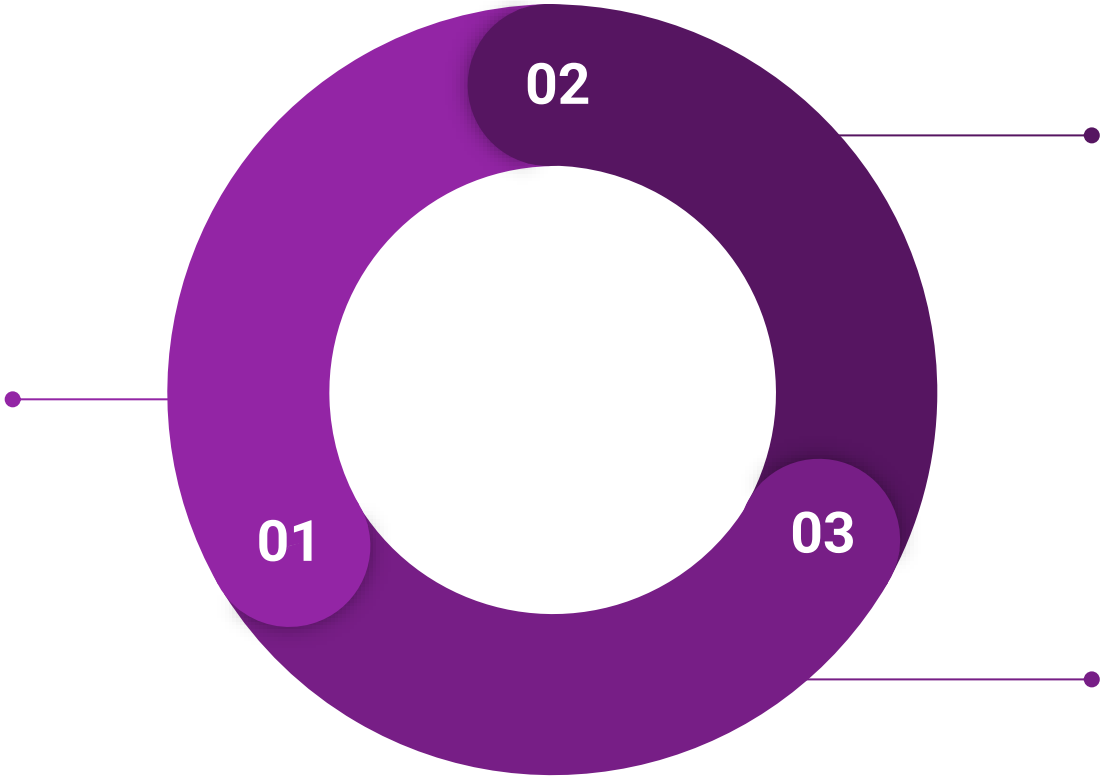
- Some incidents take hours or even days to be analysed

- Hours of work wasted daily
- Missed real incidents
- Overloaded analysts
- Slow reaction time

Solution

99% AUTOMATED INCIDENT ANALYSIS

And step-by-step incident handling recommendations



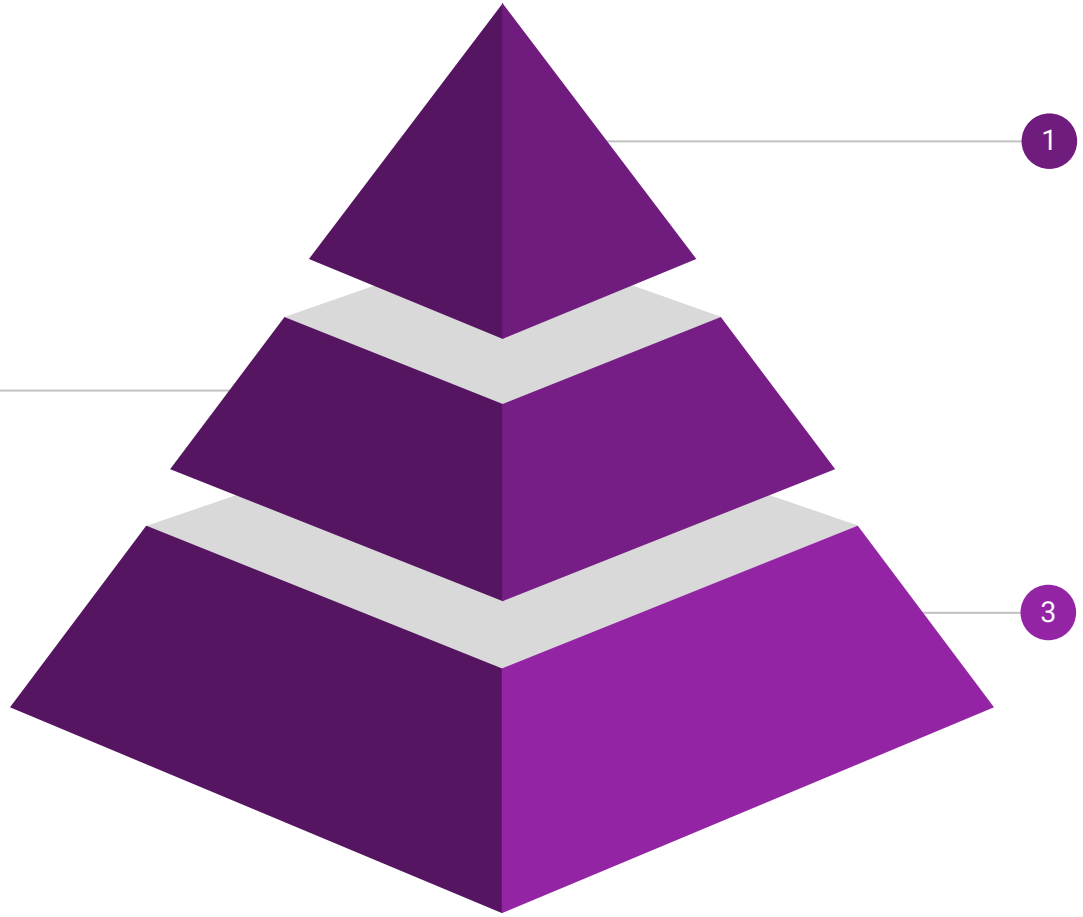
100% AUTOMATED INCIDENT REPORTS

To streamline incident handling

24/7 AI CHATBOT

To help analyse and handle incidents

Value



90%
savings of the analyst's time

5X
more cost-effective incident handling

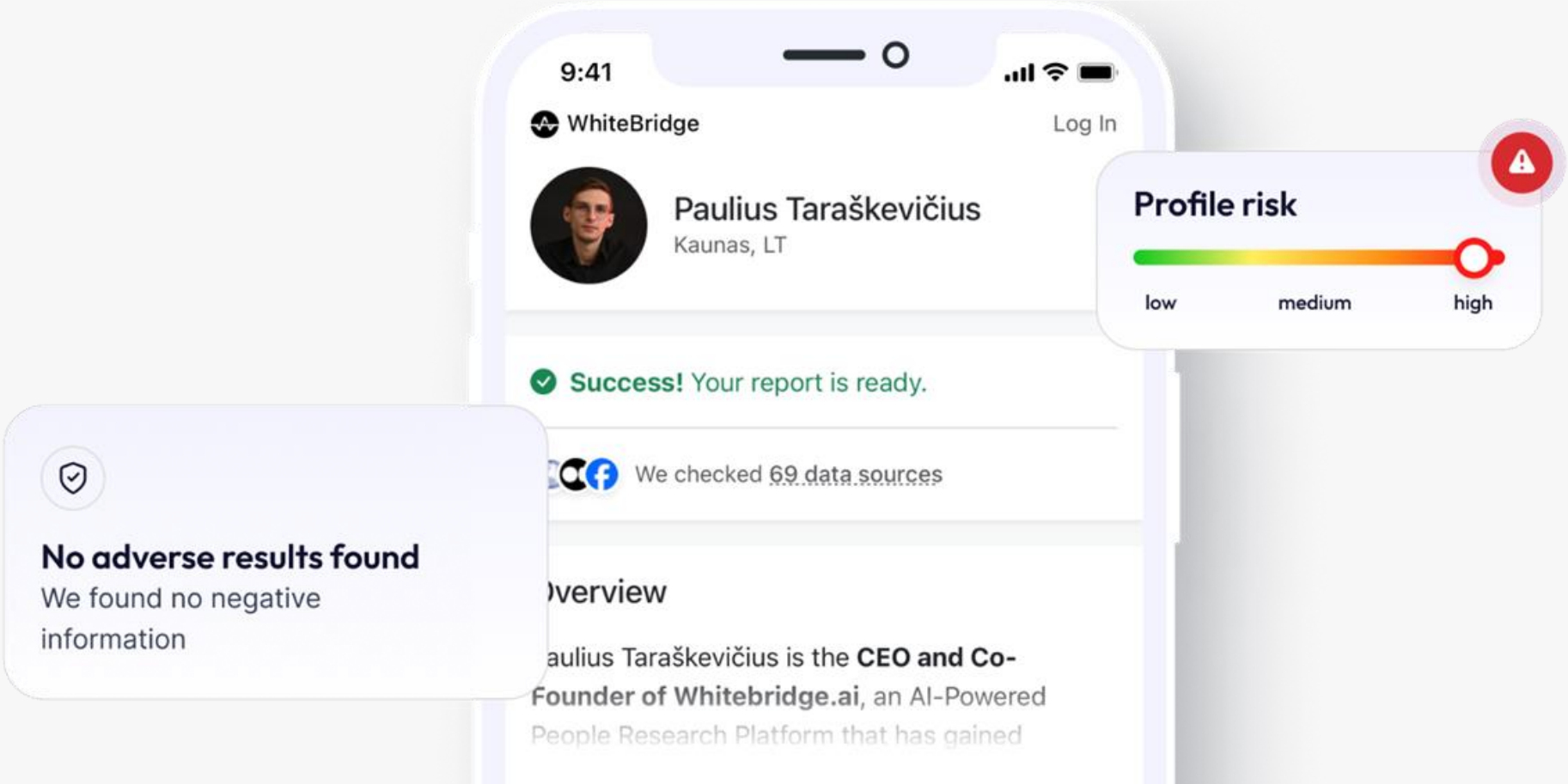
50X
faster incident analysis

INTERNET

1

WhiteBridge

The Ultimate People Research Tool Powered By AI



WhiteBridge

Real-Time Validation

Get unmatched quality of information using real-time public information source analysis with help of AI.

PUBLIC INFORMATION COLLECTION USING FULL NAME, FACE & BACKGROUND

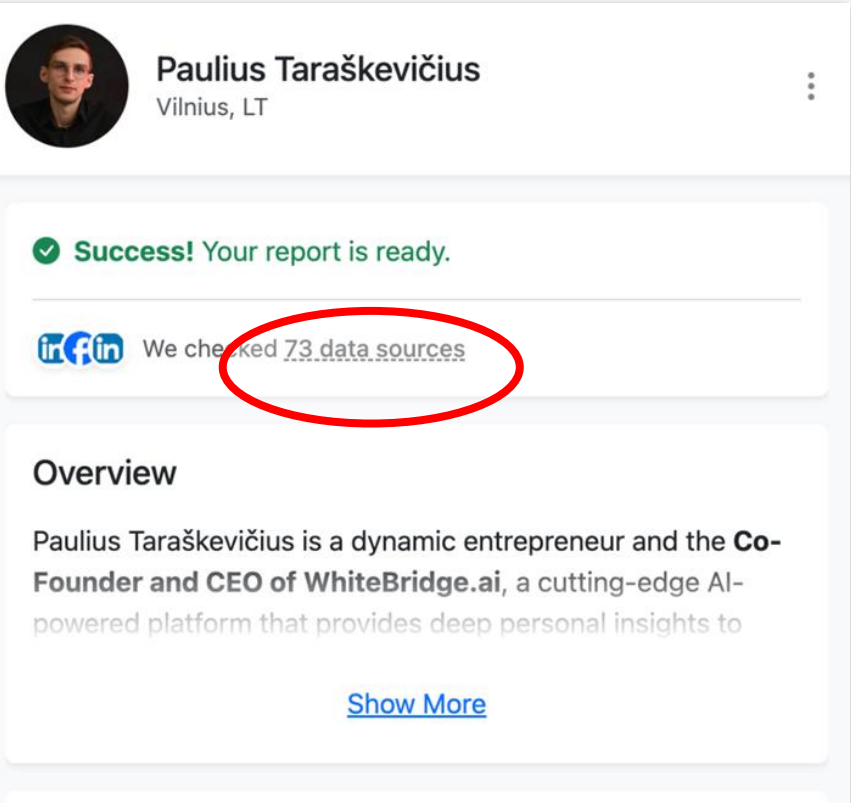
VERIFIED

Data Sources

Verified sources

All of the information included in the report comes from these sources.

Paulius Taraškevičius of WhiteBridge On The Top Five Trends To Watch In The Future Of Work



UNVERIFIED

Unverified sources

We also examined these sources but couldn't confirm their relevance, so they were excluded from our analysis.

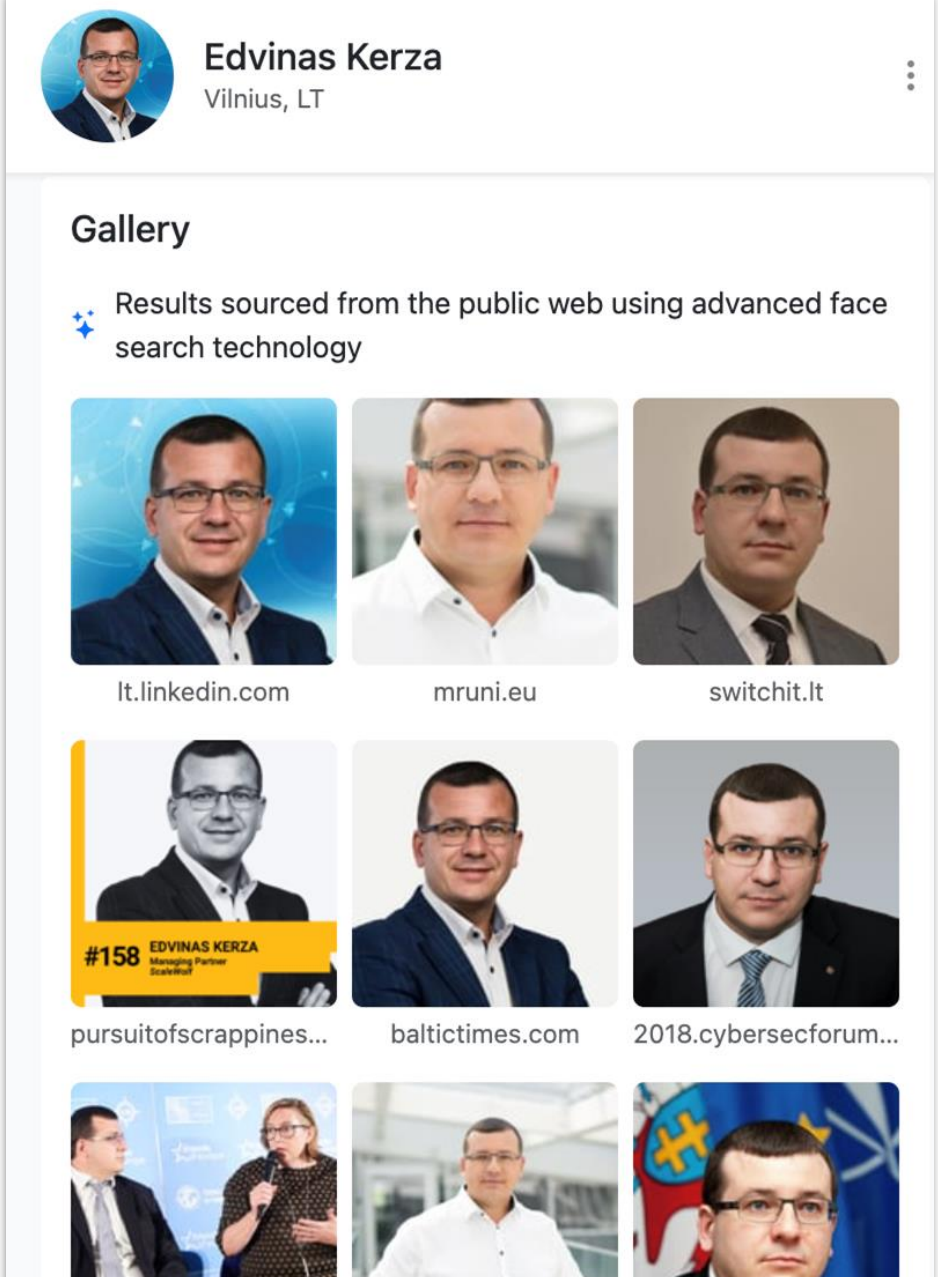
lt.linkedin.com Unverified

linkedin.com Unverified

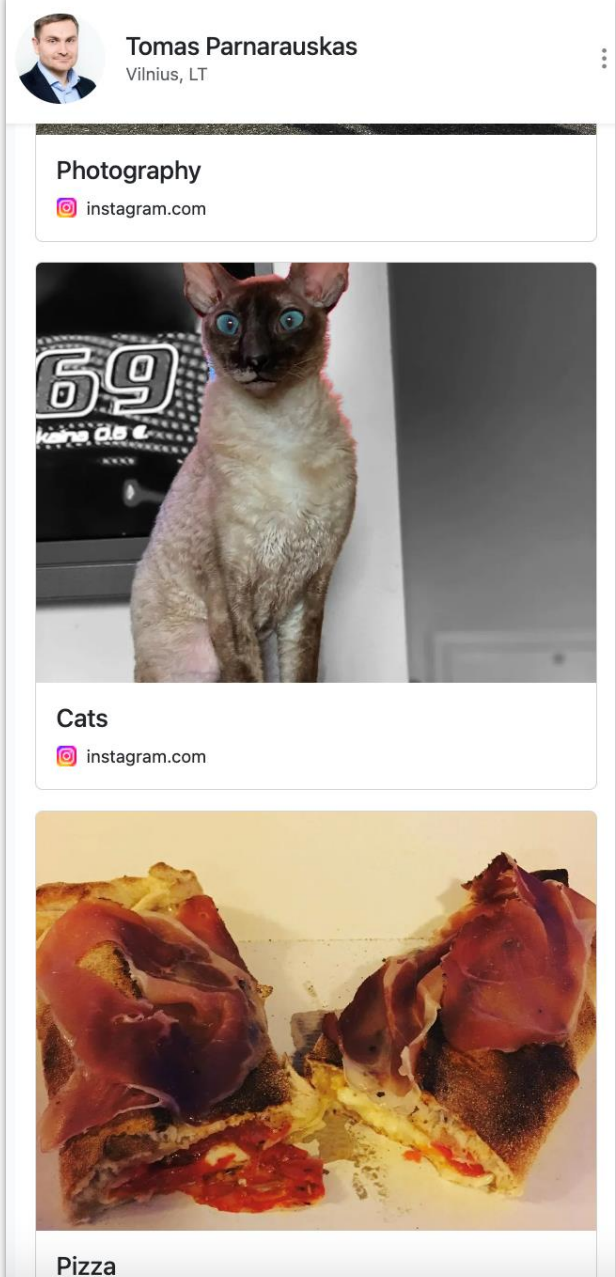
paulydev.com Unverified

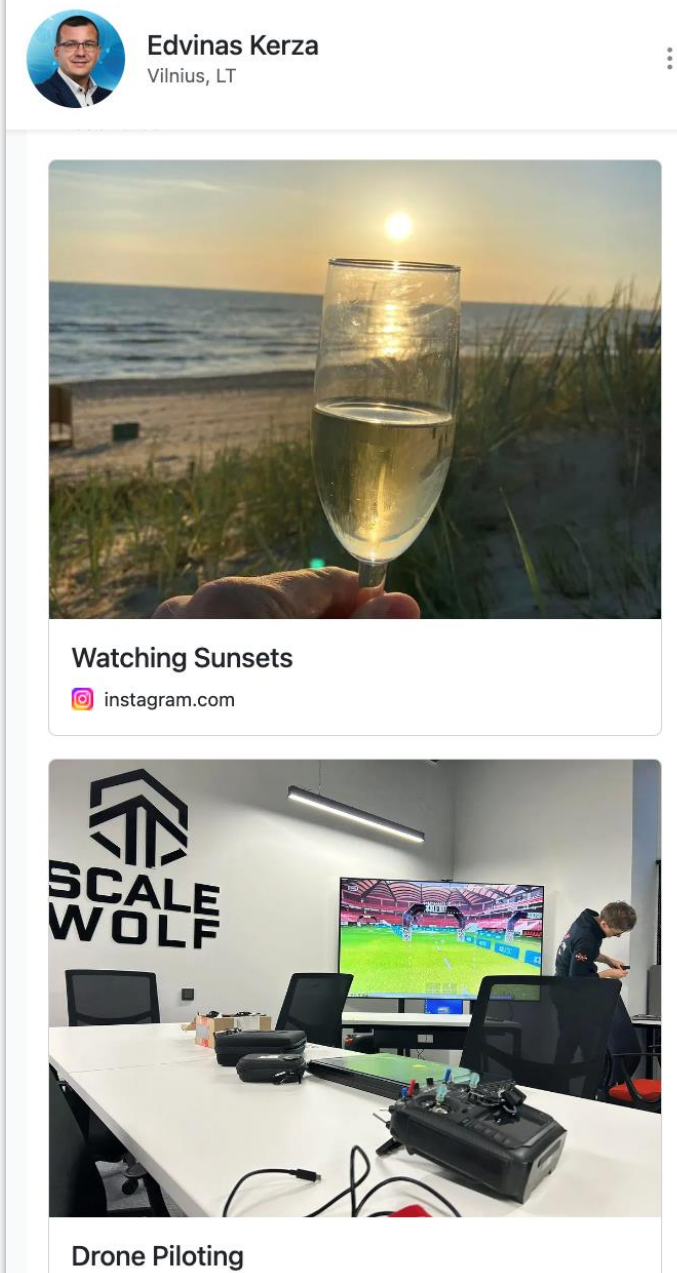
Paulius Taraskevicius | @polas | Showwcase

Facial Recognition & Reverse Search



In Depth Personality Analysis





Facial Recognition & Reverse Search

https://jurukadetai.lt/naujienos/dalyvavome-saugesnio-interneto-savaites-renginiuose/

http://www.pressas.lt/2014/05/12/draugiskame-krepsinio-mace-pressas-iveike-baltijos-saliu-diplomatu-rinktine/

In Depth Personality Analysis

Data Breaches

⚠ We discovered that one or more emails were exposed in **2** data breaches. A data breach happens when personal or private information gets exposed, stolen or copied without permission. These security incidents can be a result of cyber attacks to websites, apps or any database where people's personal information resides.

edvinas.kerza@gmail.com 2

ai.type
December 2017

In December 2017, the virtual keyboard application ai.type was found to have left a huge amount of data publicly facing in an unsecured MongoDB instance. Discovered by researchers at The Kromtech Security Center, the 577GB data set included extensive personal information including over 20 million unique email addresses, social media profiles and address book contacts. The email addresses alone were provided to HIBP to enable impacted users to assess their exposure.

Clash of Kings
July 2016

In July 2016, the forum for the game "Clash of Kings" suffered a data breach that impacted 1.6 million subscribers. The impacted data included usernames, IP and email addresses and passwords stored as MD5 hashes. The data was provided to HIBP by dehashed.com.

In Depth Personality Analysis

DONT's

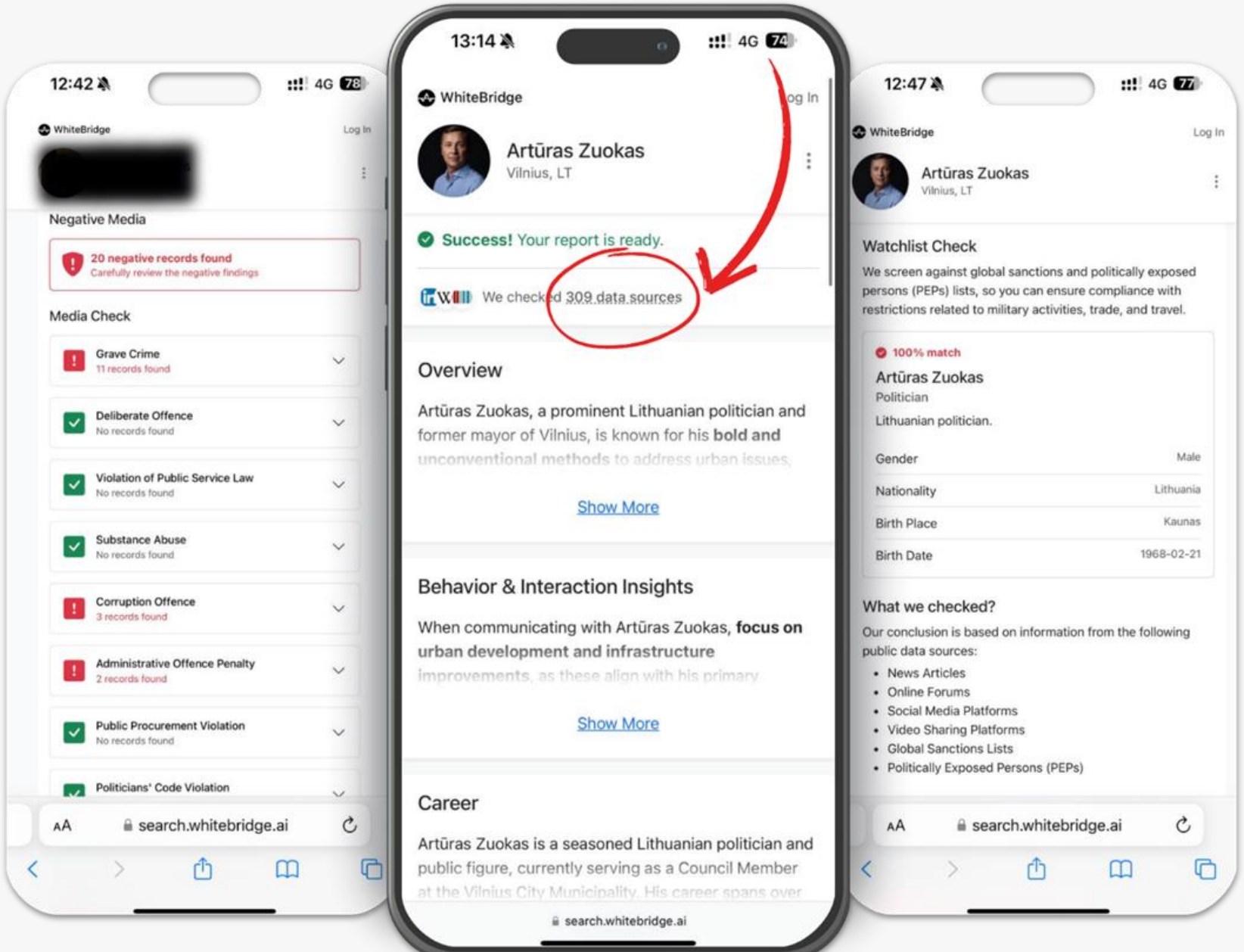
- **Neglect Public Awareness.** It's important not to underestimate the significance of public awareness in cybersecurity. Edvinas should continue to educate the public on cybersecurity issues.
- **Overlook Collaboration.** Collaborative efforts with experts and organizations in the cybersecurity field can lead to more effective solutions. Avoid undermining the importance of cybersecurity and technological advancement in discussions or proposals.
- **Compromise on Security and Privacy.** Avoid promoting products or ideas that do not prioritize security and privacy.
- **Avoid Superficial Conversations.** Dive deep into subjects and avoid surface-level discussions, given his involvement in various in-depth projects and initiatives.
- **Avoid Undermining Security Importance.** Refrain from downplaying the importance of security and resilience, as these are key areas of his focus and expertise.

During A Call Or A Meeting

DO's

- **Discuss Innovations in Cybersecurity.** Engage in conversations about the latest advancements in cybersecurity and digital technologies, as these are areas of his expertise and interest.
- **Support for Women Initiatives.** Encourage and support his endeavors in promoting women's rights and equality.
- **Collaborate with Government.** Given his previous roles in government organizations, Edvinas should continue to collaborate with government bodies to enhance national cybersecurity and resilience.
- **Highlight Global Impact.** Emphasize the international relevance and global impact of your product or service, given his involvement in international collaborations and discussions.
- **Bring Well-Researched Proposals.** Given his educational background and varied roles, ensure that any proposals or discussions are well-researched, data-driven, and comprehensive.
- **Engage in Collaborative Dialogue.** Foster a sense of collaboration and community in your interactions, reflecting his values of teamwork and community engagement.
- **Respect Ethical Values.** Maintain integrity and responsibility in your interactions, aligning with his demonstrated commitment to ethical considerations and accountability.

Negative Reputation, PEP & Sanction Check



"Implementing the Adverse Media Tool has transformed our SME onboarding process. Not only is it now faster and more efficient, but the reliability of our due diligence has also greatly improved. This tool has become an indispensable part of our workflow."

Marius M., CEO at HeavyFinance

Edvinas Kerza
Vilnius, LT

Success! Your report is ready.

Tomas Parnarauskas
Vilnius, LT

Success! Your report is ready.

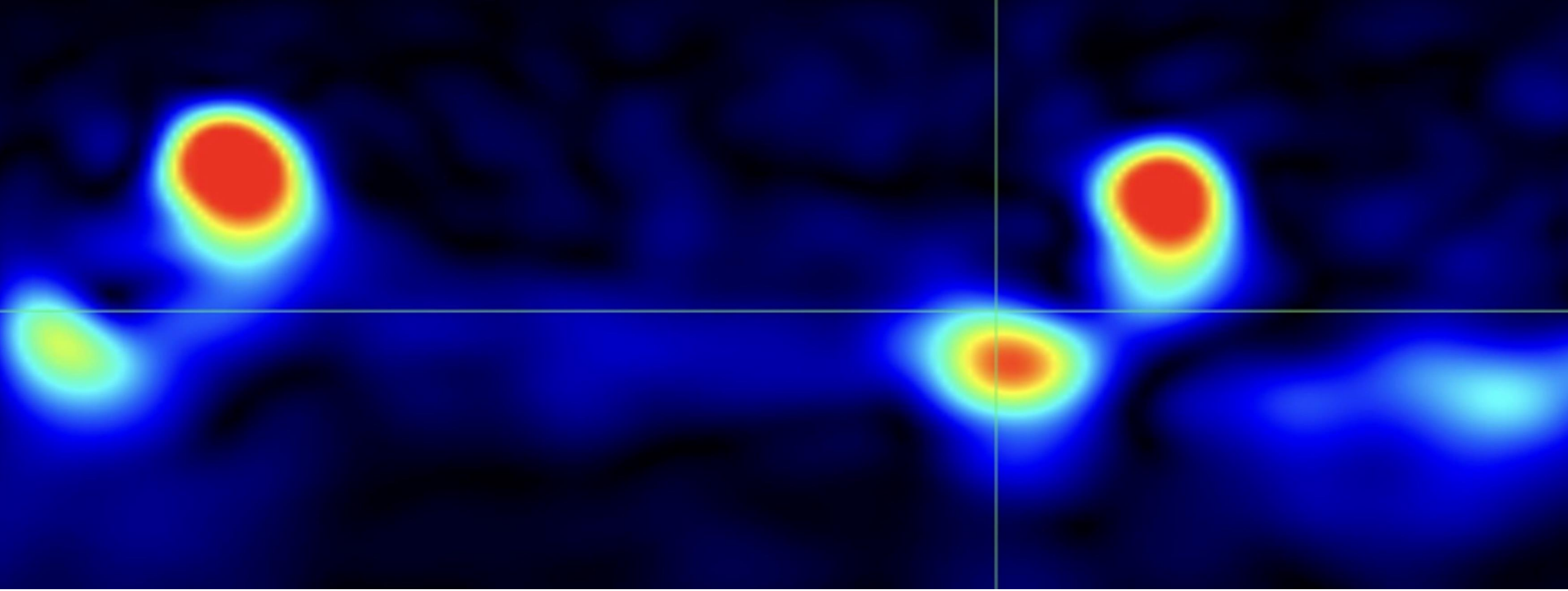
Website

https://whitebridge.ai

BROSWARM Soars to Victory in NATO Innovation Challenge with Revolutionary Mine Clearance Technology

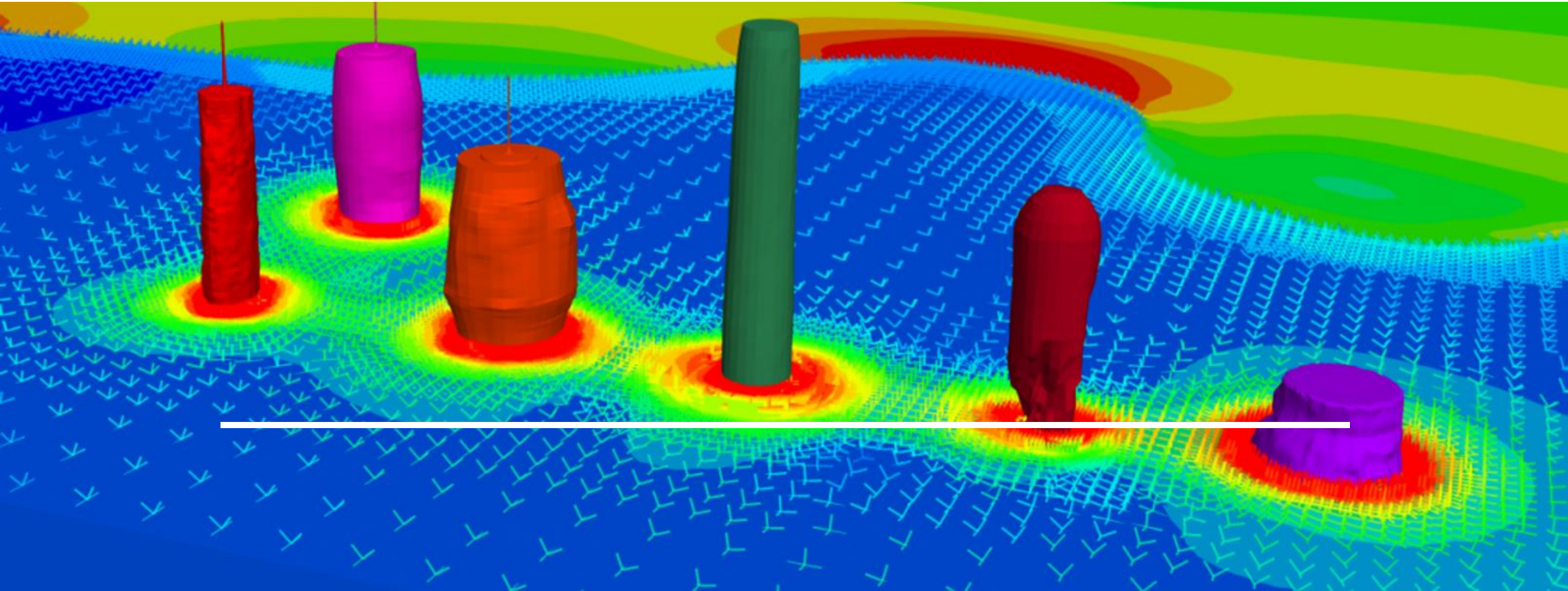
July 16, 2024

„Broswarm“ – pirmoji Lietuvos įmonė, laimėjusi NATO inovacijų konkursą

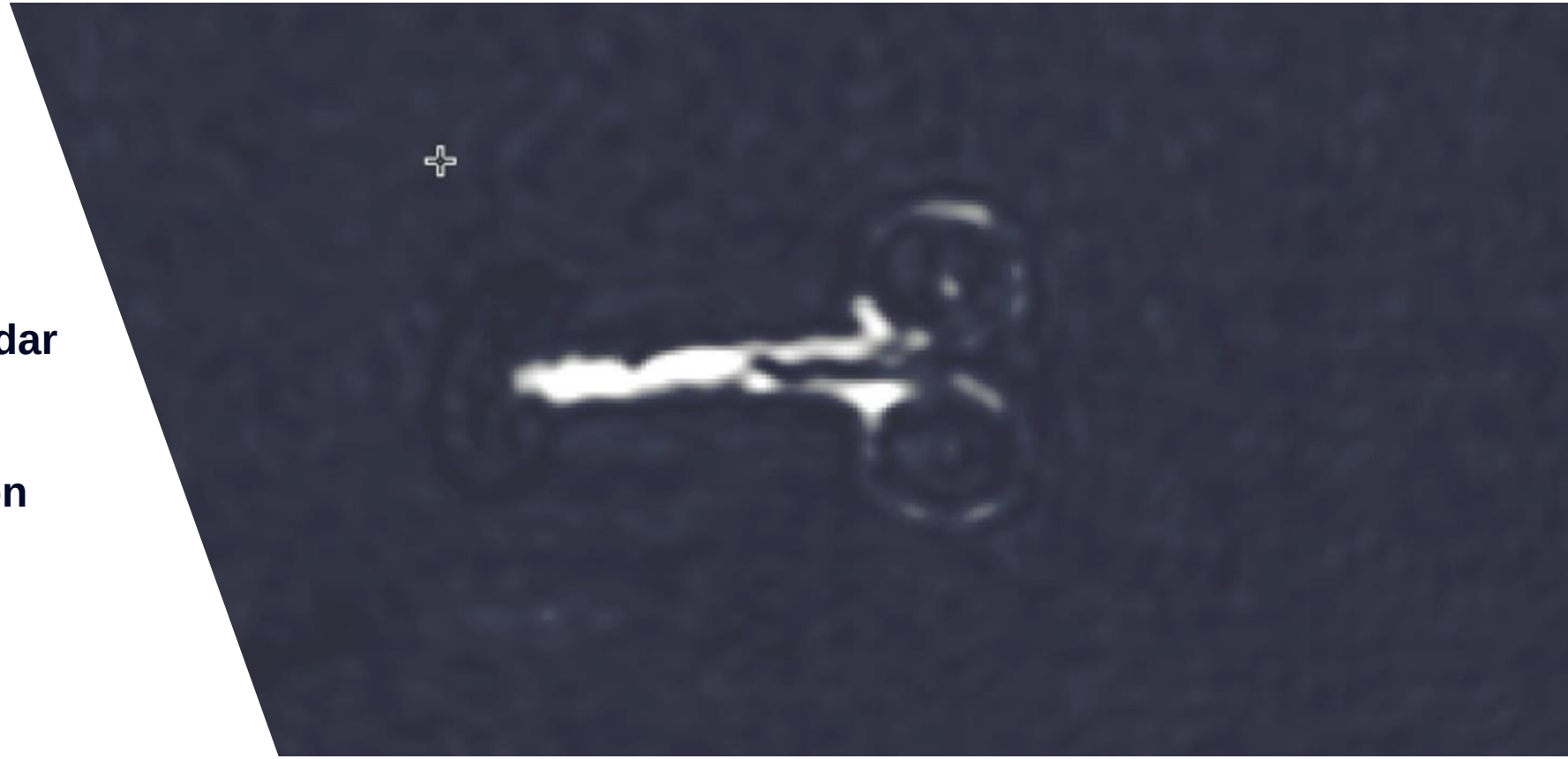


VAIZDAS PO ŽEME IKI DABAR

VAIZDAS PO ŽEME 3D REKONSTRUKCIJA



X-RAY EAGLE



GPR

Miniscale Synthetic Aperture Radar (mSAR) Enhancing resolution

Proprietary spatial reconstruction algorithm

Patenting in progress

A LIFE SAVING SWARM

It will take Ukraine 757 years to demine landmine-contaminated territories using traditional methods and the currently available resources, according to GLOBSEC.

VICE-MINISTER OF NATIONAL DEFENCE OF THE REPUBLIC OF LITHUANIA
EDVINAS KERZA

DEFENDING CYBER FRONTLINE