



{Tech: Europe}



Data Guard Pro

Supporting you with data breach incident assessments.

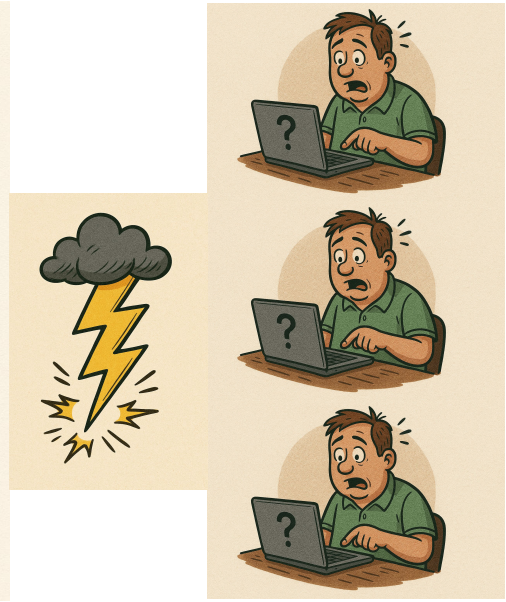
Nirmal Kumar Ramadoss
Niklas Gittel
Tobias Schamel
Elias Panner

July 19-20, 2025

Who thinks their Data is safe on the Internet?



Hackers
do not always have
good intentions!



Tech-Savviness
is for some users
still Neuland!

Data Breaches are all around us!



3,205

data compromises
worldwide / year (2023)

\$4.88M

average fine
of a data breach hit (2024)

98%

of companies worldwide
have at least one third party
suffering from a data breach

The stressful life of a Data Protection Officer

**internal
pressure**

legal articles

statutory law



**company
databases**

precedent law

**external
liabilities**

The Solution: DataGuard Pro



Data Breach Assistant

Supporting in GDPR compliance assessments.



AI Breach Case Analyzer

Case Summary

Data breach: Incident involving customer database compromise. Approximately **15,000** customer records were potentially accessed including names, email addresses, and encrypted payment information. The breach was discovered through automated monitoring systems and contained within **48** hours. Security measures included immediate password resets and system patches. No sensitive **personal data** like SSNs or full credit card numbers were exposed. Company has implemented additional **encryption** and monitoring protocols.

Additional details: Around **1,000** internal records were disclosed.

Add Additional Details

Add more details about your breach case...

Active Data Subjects



2,847

+12% from last month

Open Breach Cases



3

2 high priority

Compliance Score



87%

+5% improvement

Avg. Response Time

24h

Within SLA

GDPR Compliance Assessment

Article 5

This article establishes the principles of data protection, including lawfulness, fairness, transparency, purpose limitation, data minimization, accuracy, storage limitation, integrity and confidentiality, and accountability.

Violation

Article 6

Consent

Breach Impact Predictor

Predicted Financial Impact

€439,259,540
Predicted Fine

73%
Avg. Similarity

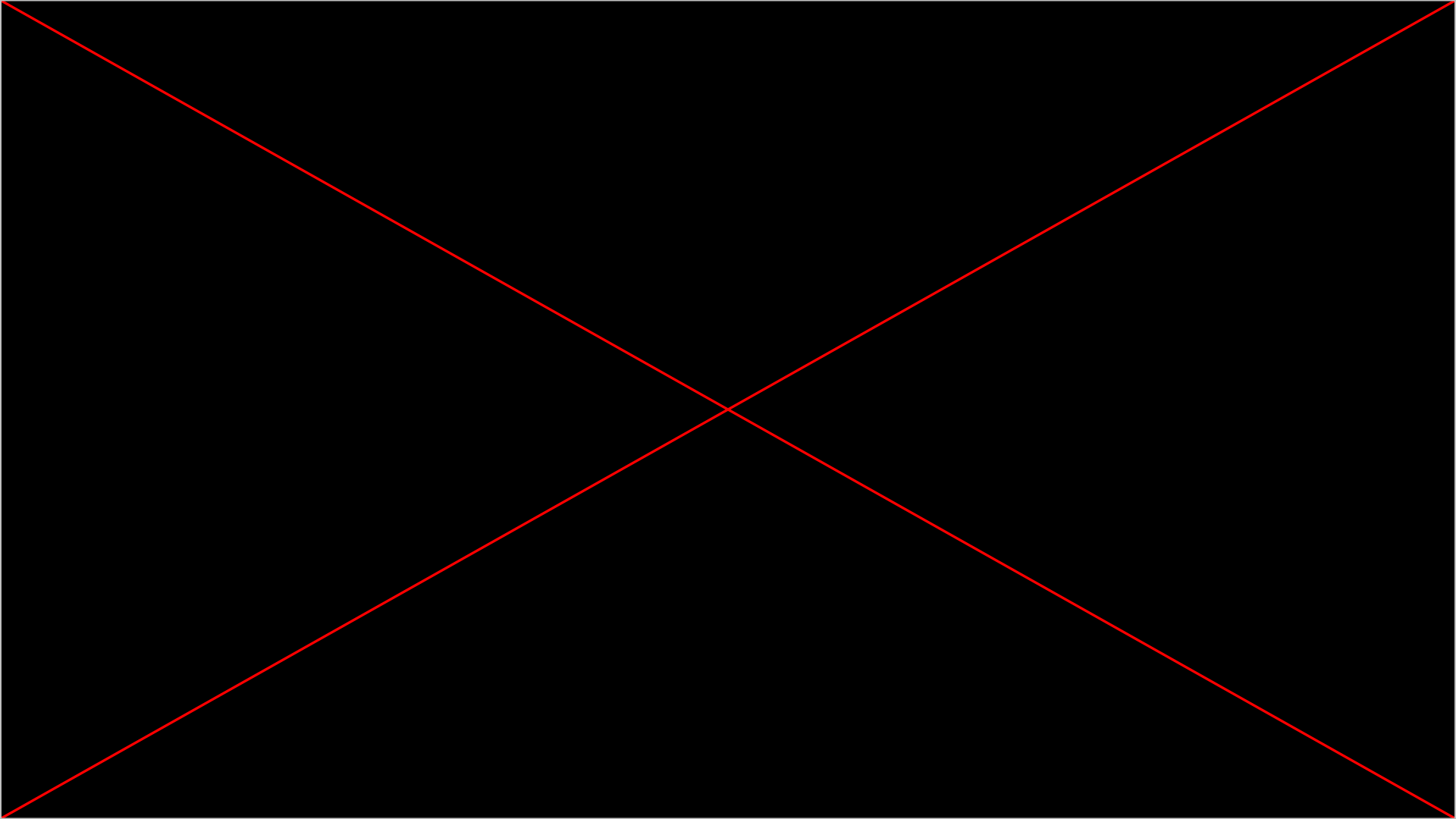
4
Similar Cases

- Voice Input for Case Description
- GDPR Compliance Assessment
- Financial Impact Prediction

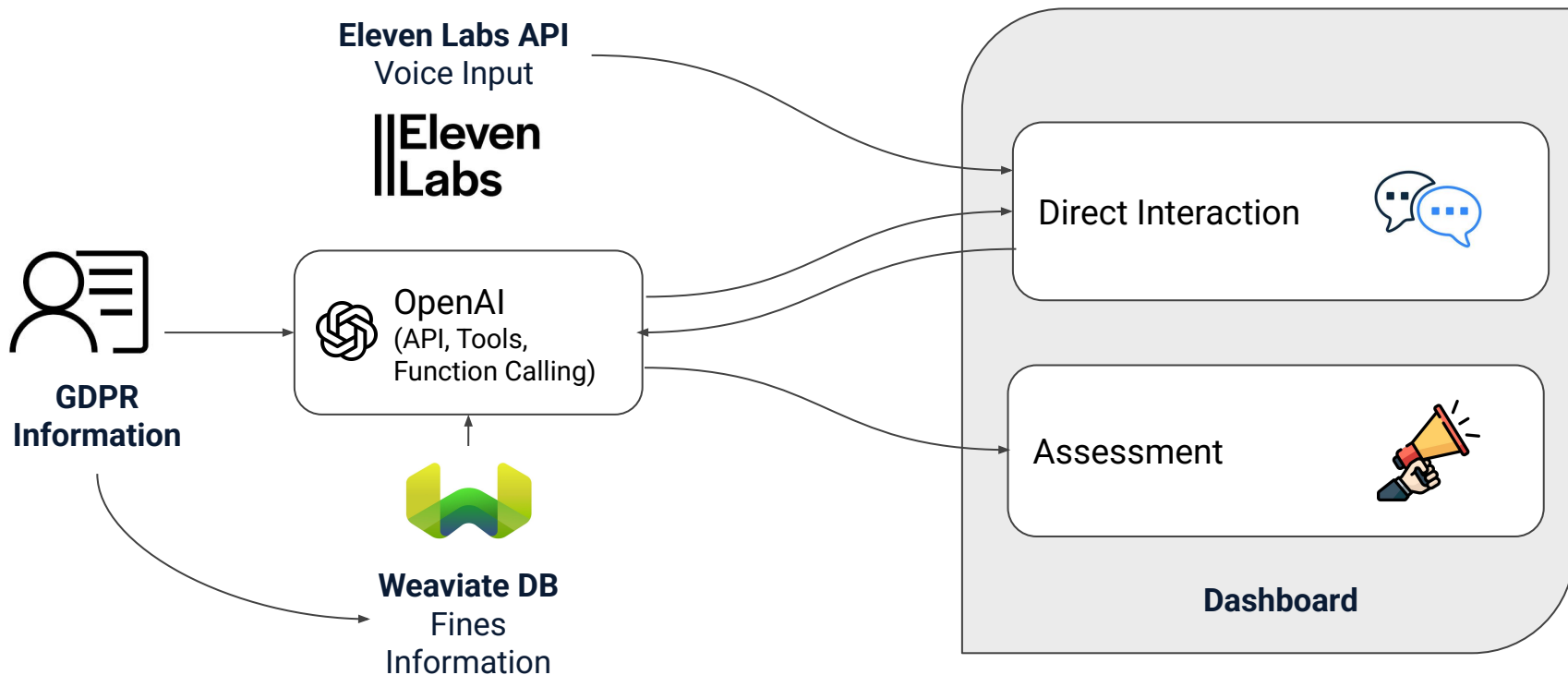
Data Protection Officer & DataGuard Pro



- **List of Potential GDPR Violations**
Dashboard View offers a fast and extensive Assessment.
- **Prediction of Financial Impact**
Potential Fines based on similar Data Breach Cases (Precedence).
- **Interactive Voice Agent**
Assists in identifying Important Information relevant to the Case.



Under the Hood



Team

Tobias
TUM, CS

Nirmal
*UdS, CS &
Backend
Engineer*



Elias
*TU Wien,
Business
Informatics*

Niklas
*Backend
Engineer*

Questions?

If not, spread the word!