



TECH DUE DILIGENCE SOLUTION

Introduction

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Our focus

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Our methodology

Vaultinum – Technology as a Service

About us

- Technology provider combining automated tools and experts
- Protecting IP and source code for over 40 years
- Providing Equipped Cyber and Tech Due diligence
- For Investors, Vendors and Corporates
- Meeting the need for assessment, compliance and monitoring

● 40 employees -
50% in IT and R&D

● Hosting 250,000+
source codes

● Proprietary
technology

● Holistic Approach
to Tech DD

Vaultinum – Technology as a Service



A comprehensive, data-driven approach to technology due diligence



Unique scanning technology to detect threats



Expert contextualization of data and actionable recommendations



Identifying technical debt and reducing risk



Verifying the technology aligns with the business objectives



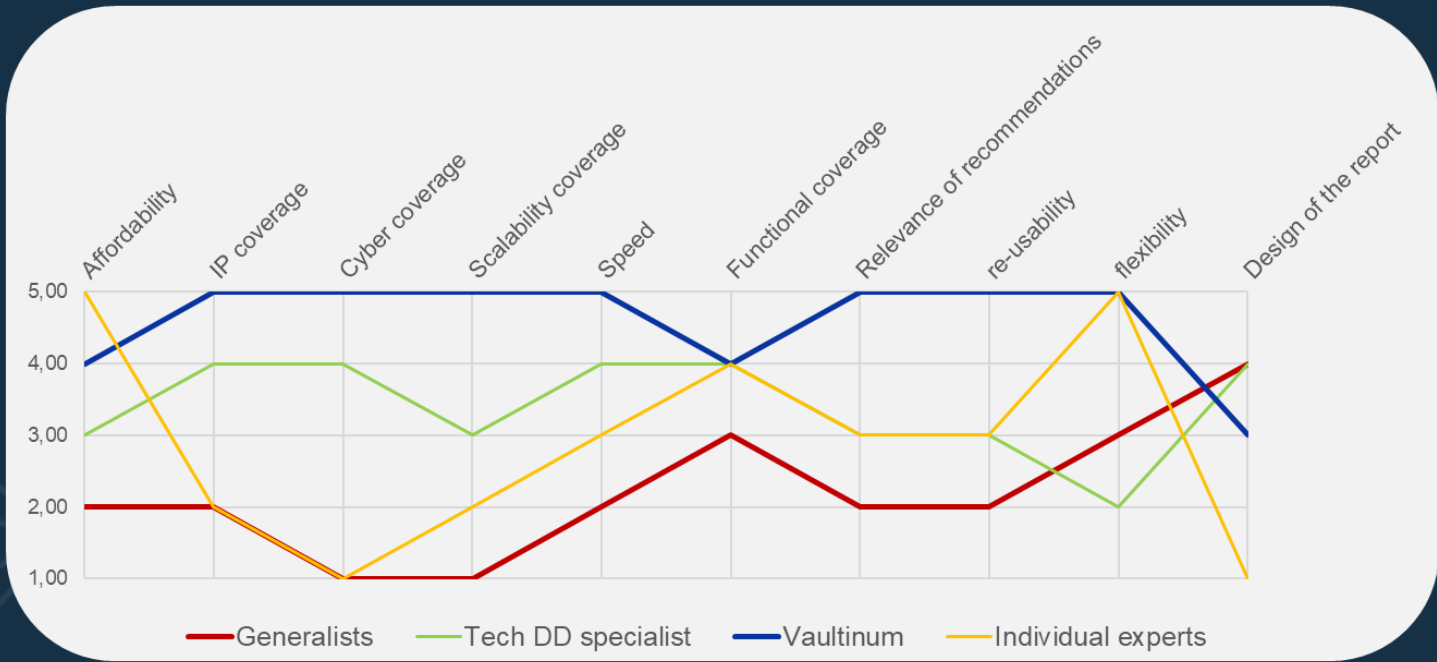
Monitoring, de-risking and enhancing your tech portfolio

The combination of DATA + TOOLS + EXPERTS makes our approach unique on the market

W. Edwards Deming,



“Without data, you’re just another person with an opinion”



They trust Vaultinum

Our clients



Our partners



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Understand software risk and impacts

Our Tech Due Diligence Assesses:



Cybersecurity

- Vulnerabilities in the code (data leak, password etc..)
- Cyber defence tooling
- Pen tests
- Network Footprint scan
- Processes and governance



Intellectual Property

- Inventory of OSS
- Categorisation of OSS risks
- Value of the IP of the software
- Domain names
- OWASP



Scalability – IS maturity

- Architecture
- Human capital / Key people
- Information Systems
- On premise SaaS
- Infrastructure
- Best practices / language
- Process and Tooling



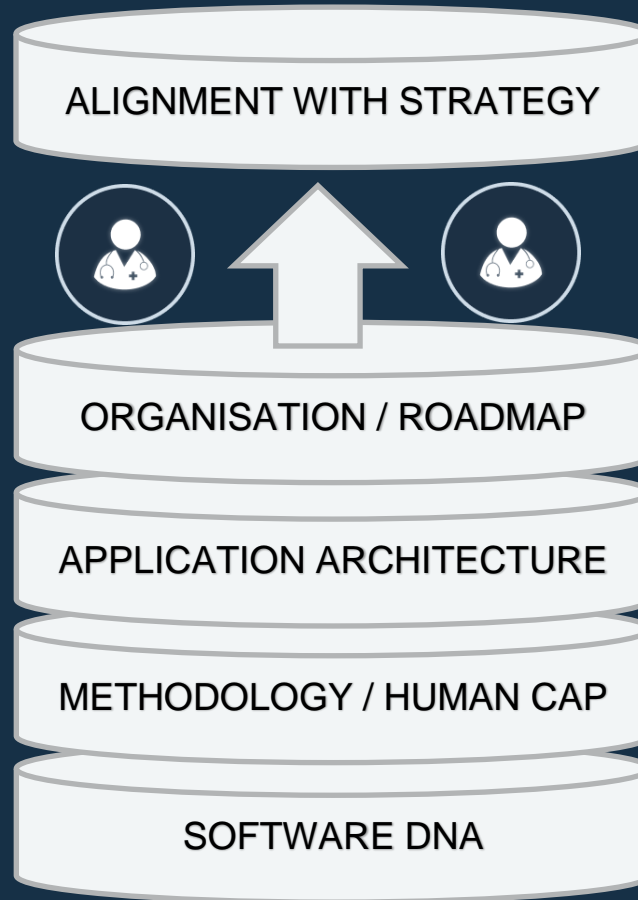
AI Maturity

- AI business model
- Complexity and maturity
- Framework and machine learning
- Risks associated with data
- Analysis of the roadmap and team
- Tooling and efficiency
- AI exploitation and scalability

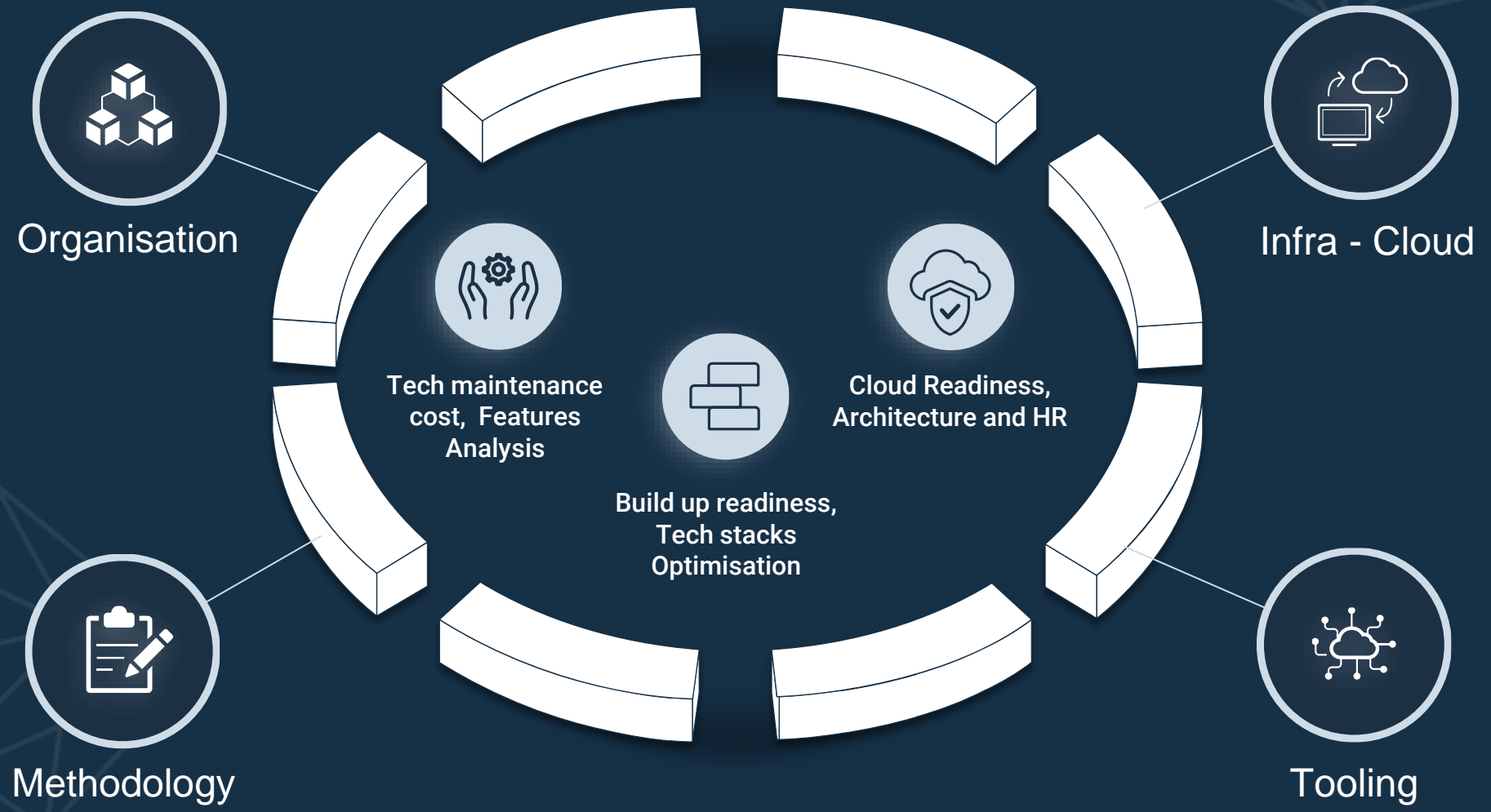
Vaultinum Through 360 Audit



- Adding Expertise to have a full comprehensive view on the business
- Understanding the Industry and the positioning
- Allowing matching analysis with Business expectations



360° view of the IT environment



Our Methodology

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From quantitative data to expert guidance

What we do: Using data to go deeper, faster

Online
Questionnaires



Source code
scan



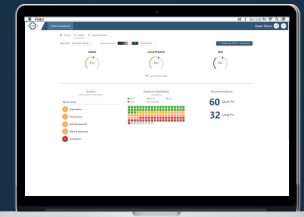
IT and Legal expert
contextualization



Recommendations,
Estimated time & costs



Performance Monitoring



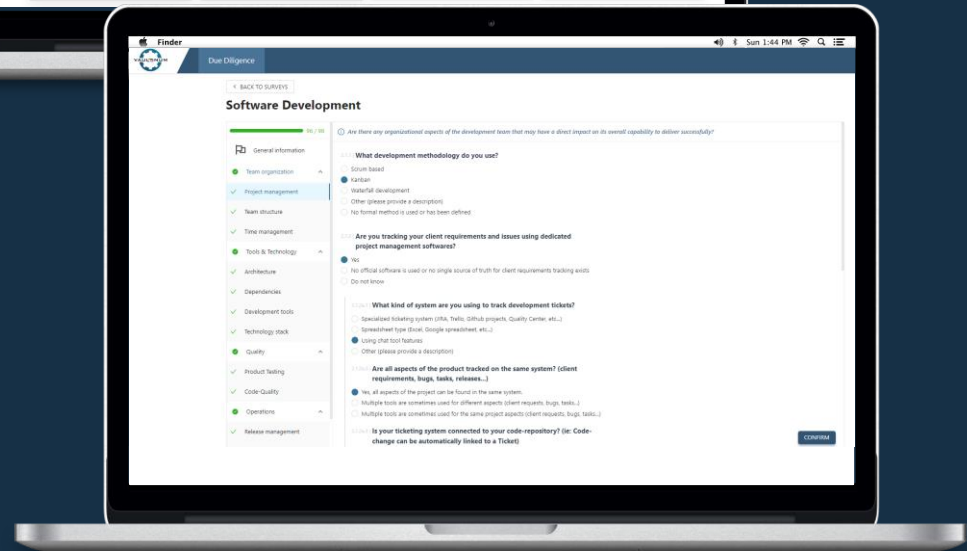
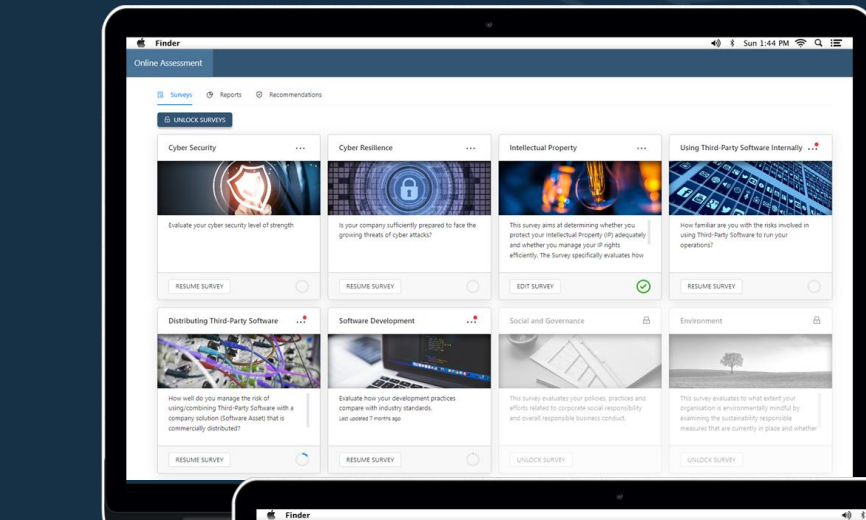
What we deliver: operational insights for impactful decisions and better exit value

- Thorough analysis of the tech's strengths and vulnerabilities
- Report focusing on the main areas of risk and how to address them
- Action plan with estimated time of fix and costs
- Dashboard to track and monitor performance over time

Step 1: Online assessment

Evaluate organisation & management of

- Cybersecurity practices
- Intellectual Property Protection
- Software development and IT infrastructure organisation
- GDPR processes



Created by international experts - Vaultinum collaborative Platform

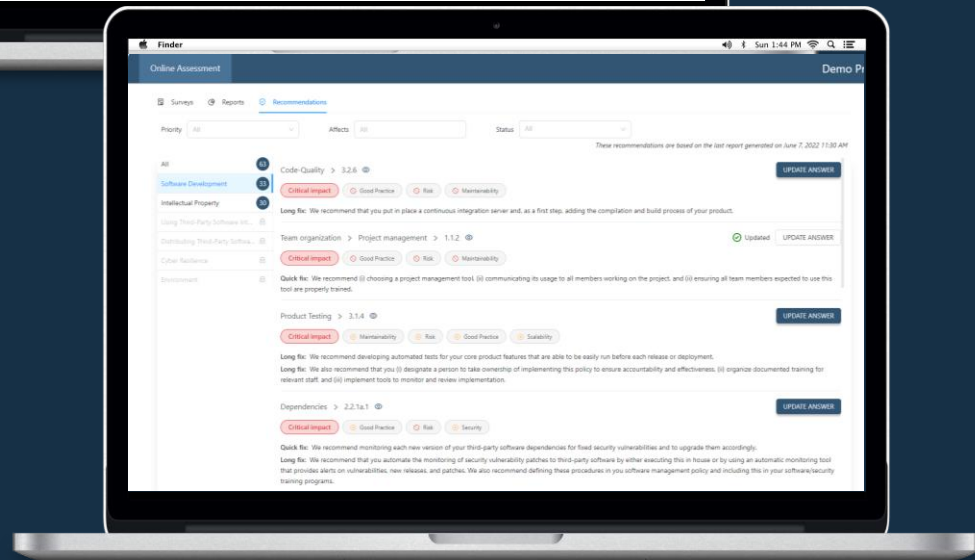
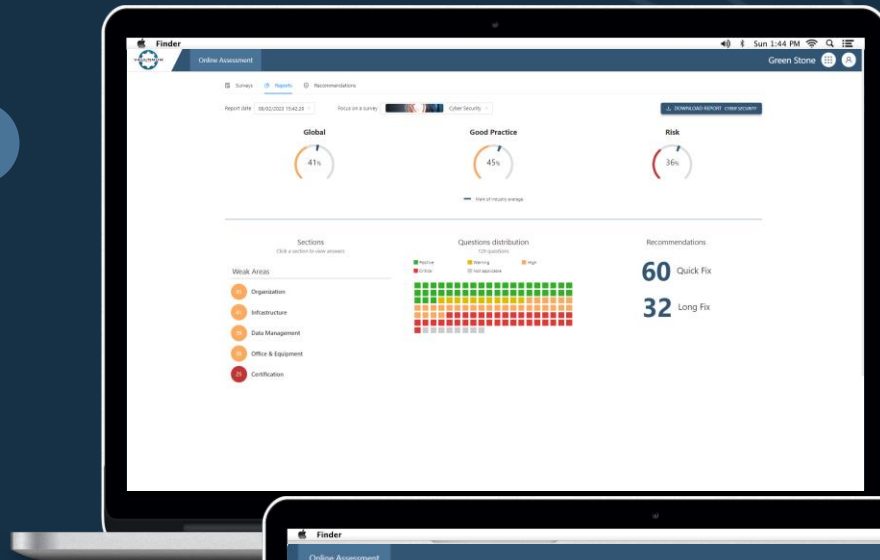
Step 1: Online assessment

Control Panel for rapid view of

Identified opportunities and vulnerabilities

Scoring compared to industry average

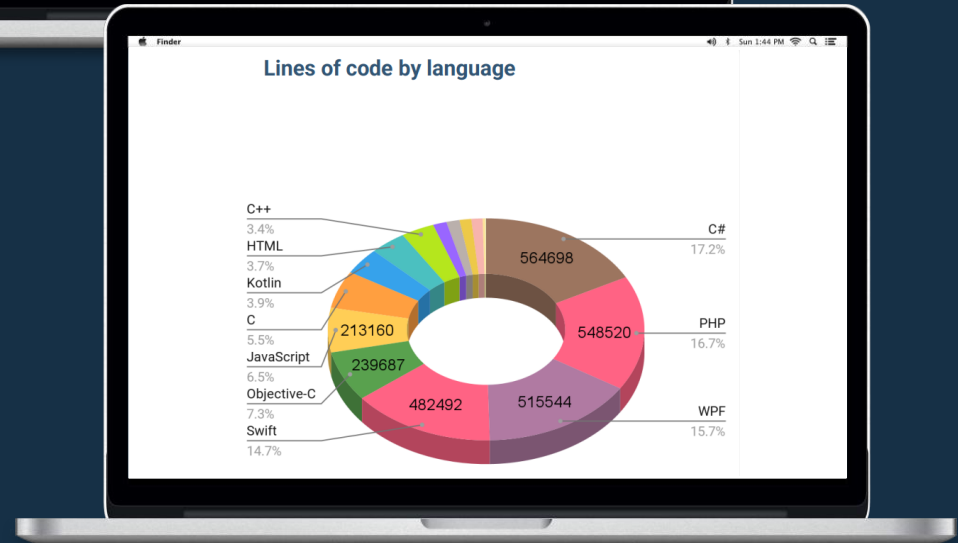
Report with expert recommendations



Step 2: Source code scan

Unique proprietary methodology
gathering data analysis from 7 scanners

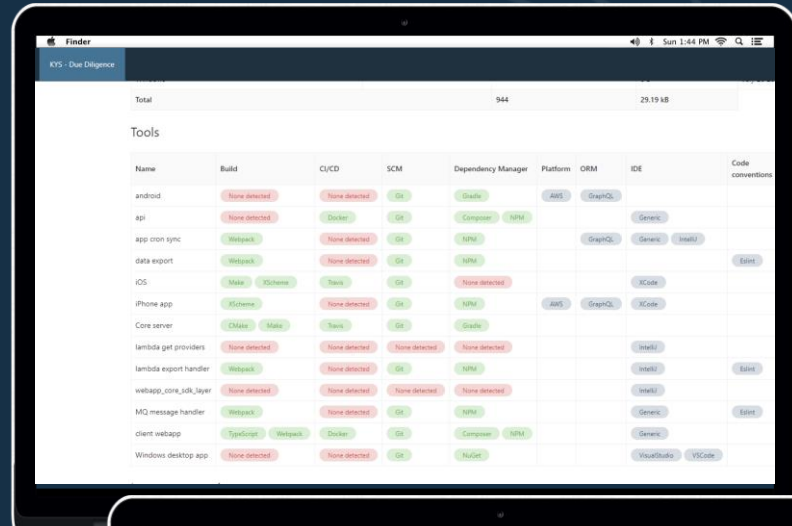
- Cyber vulnerabilities scan
- Code hygiene and maturity
- OSS dependencies scan
- OSS copy/paste scan
- OSS modifications scan
- Git analyzer for scalability
- Analysis of quality and security
- Access security risk
- Optional Pen testing
- Tooling efficiency



Step 3: Contextualization with Experts

Interview with IT & Legal Experts to

- ① Review findings in context of business objectives
- ② Identify mitigating factors
- ③ Understand technology environment and end use
- ④ Assess timelines to formulate action plan



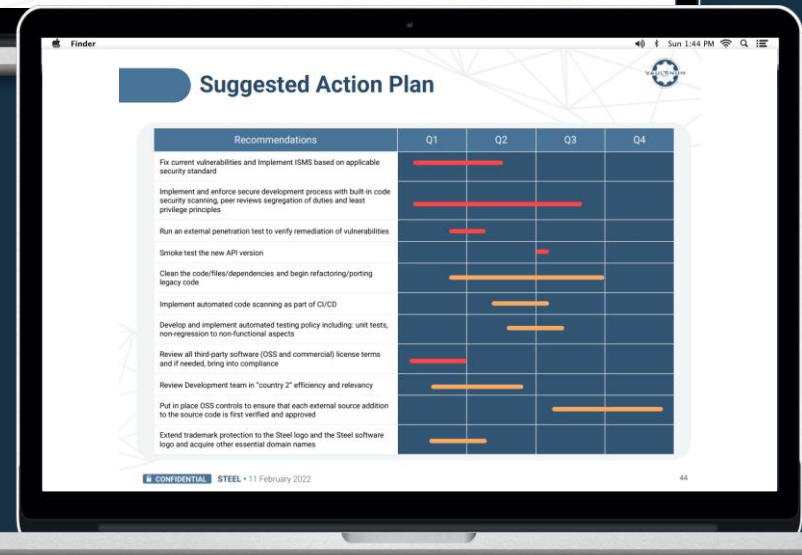
| Name | Build | CI/CD | SCM | Dependency Manager | Platform | ORM | IDE | Code conventions |
|-----------------------|---------------|---------------|---------------|--------------------|----------------|---------|--------------|------------------|
| android | None detected | None detected | Git | Gradle | Android | GraphQL | | |
| api | None detected | CircleCI | Git | Composer NPM | | | Generic | |
| app cron sync | Webpack | None detected | Git | NPM | | GraphQL | Generic | IntelliJ |
| data export | Webpack | None detected | Git | NPM | | | | ESLint |
| iOS | Xcode | CircleCI | Git | None detected | | | XCode | |
| iPhone app | Xcode | None detected | Git | NPM | Android | GraphQL | XCode | |
| Core server | CMake | Xcode | Git | Gradle | | | | |
| lambda get providers | None detected | None detected | None detected | None detected | | | IntelliJ | |
| lambda export handler | Webpack | None detected | Git | NPM | | | IntelliJ | ESLint |
| webapp_core_idl_layer | None detected | None detected | None detected | None detected | | | IntelliJ | |
| MQ message handler | Webpack | None detected | Git | NPM | | | Generic | ESLint |
| client webapp | TypeScript | Webpack | CircleCI | Git | Composer NPM | | Generic | |
| Windows desktop app | None detected | None detected | Git | NuGet | | | VisualStudio | VSCode |



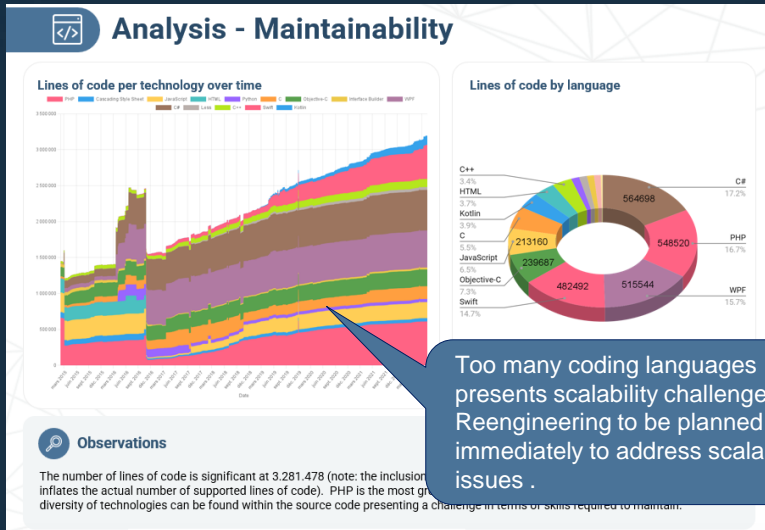
Step 4: Delivering a risk report and action plan

A risk report and action plan that shows

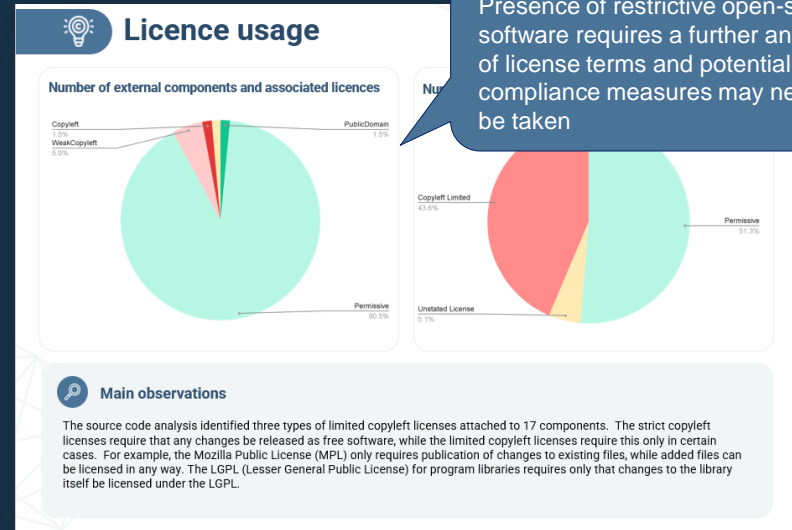
- ① Scalability of the tech asset, cloud readiness, build up readiness
- ② OPEX and CAPEX estimated risk
- ③ Bottom-up analysis leading to better accuracy
- ④ Deep tech background to factualize risks and recommendations



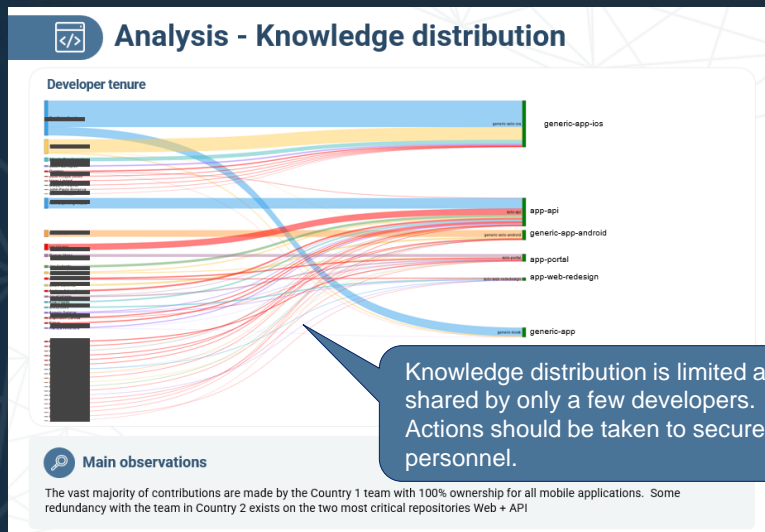
The power of data, leading to insightful recommendations



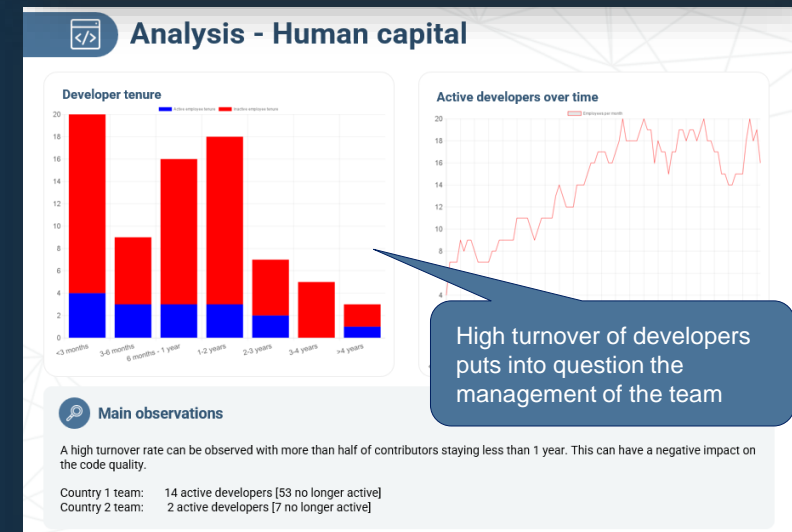
Too many coding languages presents scalability challenges. Reengineering to be planned immediately to address scalability issues.



Presence of restrictive open-source software requires a further analysis of license terms and potential compliance measures may need to be taken

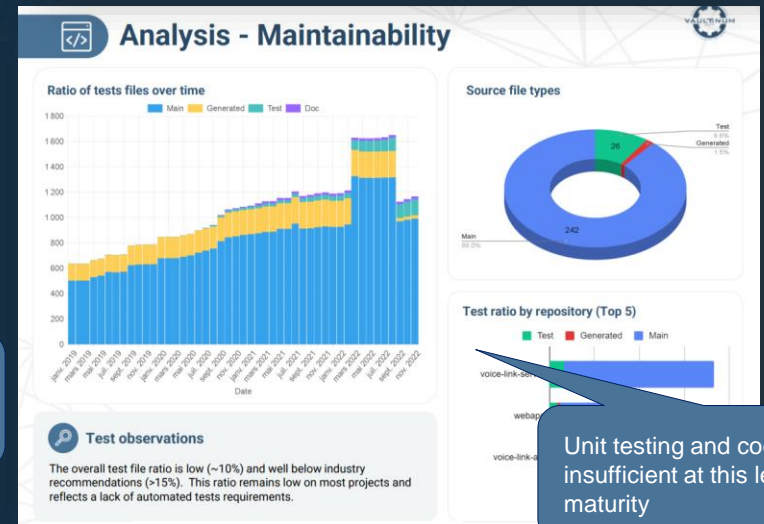
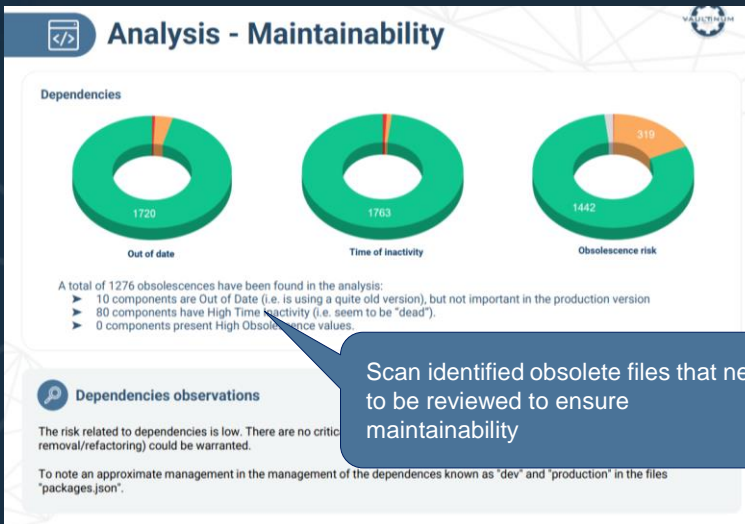
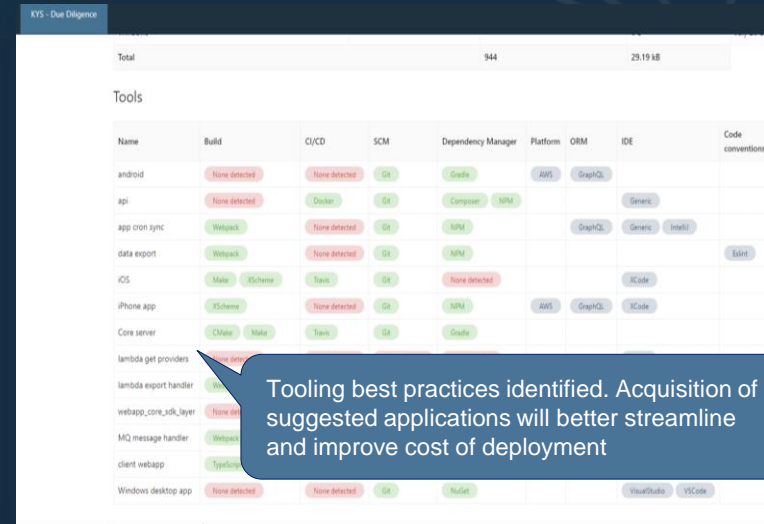
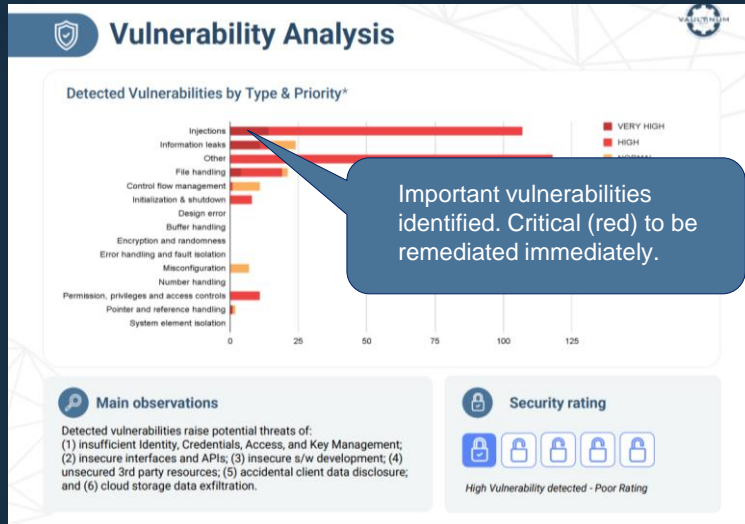


Knowledge distribution is limited and shared by only a few developers. Actions should be taken to secure key personnel.



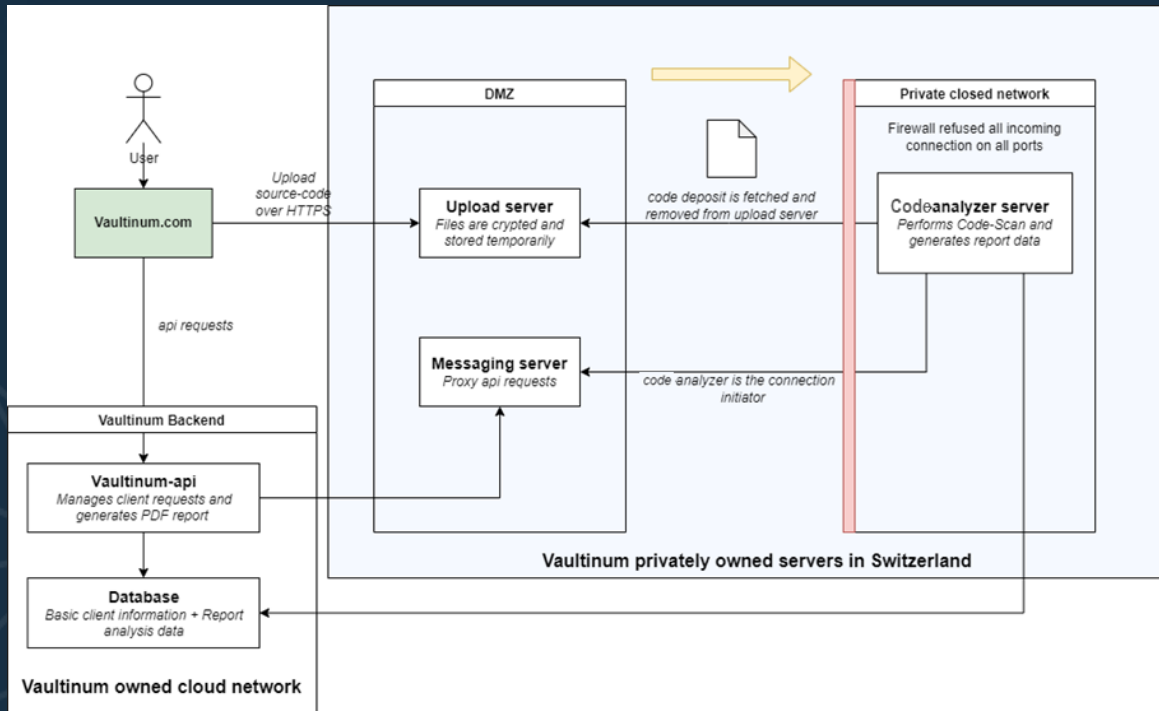
High turnover of developers puts into question the management of the team

An illustrated overview of detailed data



100% secure - 100% of the time

- Securing source code for 40 years with the biggest European software vendors
- Secrecy of the source code assured through a strict workflow
- No human access to the source code
- Letters of guarantee and certificate of destruction

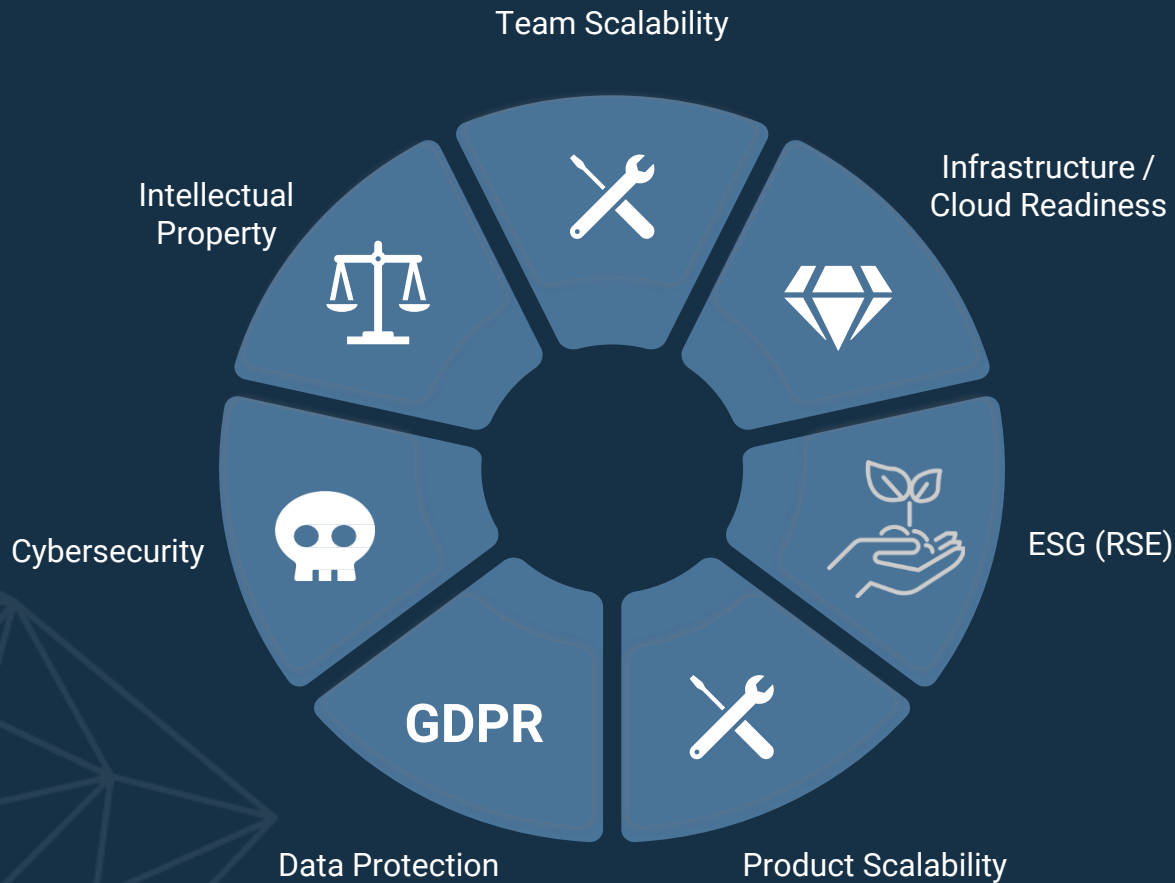


- ✓ **Temporary** presence on our server with immediate **auto-deletion** post scan
- ✓ **No access** by external parties. Only the scanner can read
- ✓ Upload made through **secure server** (no email, no SFTP)

TECH to Value – Ongoing progress monitoring



Ongoing Assessment– What does it cover ?



Online and Collaborative

Scoring within Industry

Expert Recommendations

Performance Monitoring

Exit Readiness



About Vaultinum

Vaultinum is a trusted independent third party specialized in the protection and audit of digital assets.

Since 1976, Vaultinum has enabled thousands of digital creators and investors secure their innovations by :

- protecting their intellectual property
- ensuring the continuity of their business activity
- mitigating cyber and software risks

Double expertise IT and Legal • ISO 27001, eIDAS Ready

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