







Introduction

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



elDAS READY

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

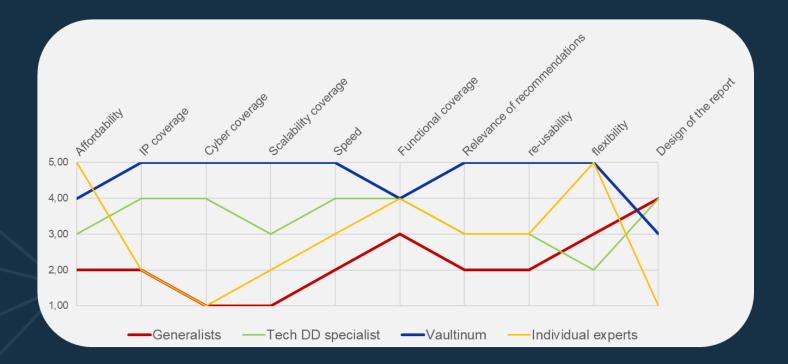


Monitoring, de-risking and enhancing your tech portfolio





"Without data, you're just another person with an opinion"



They trust Vaultinum





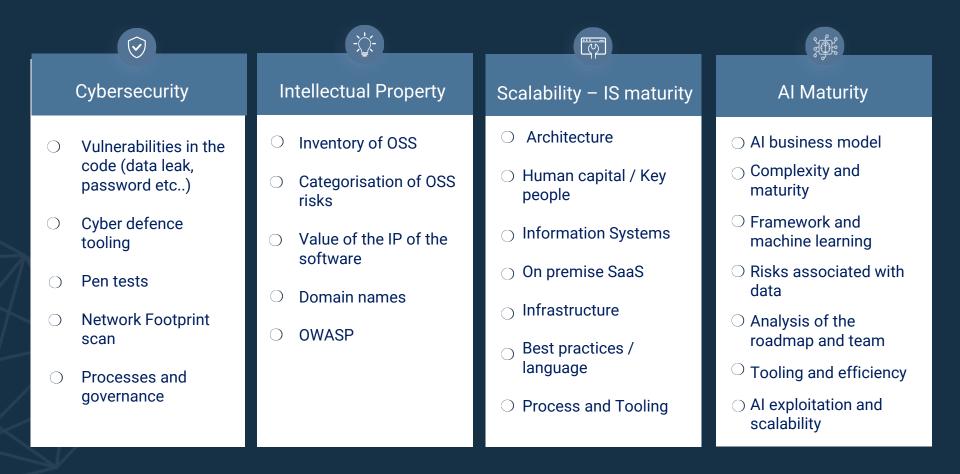




Understand software risk and impacts



Our Tech Due Diligence Assesses:









Adding Expertise to have a full comprehensive view on the business

Understanding the Industry and the positioning



Allowing matching analysis with Business expectations

ALIGNMENT WITH STRATEGY



ORGANISATION / ROADMAP

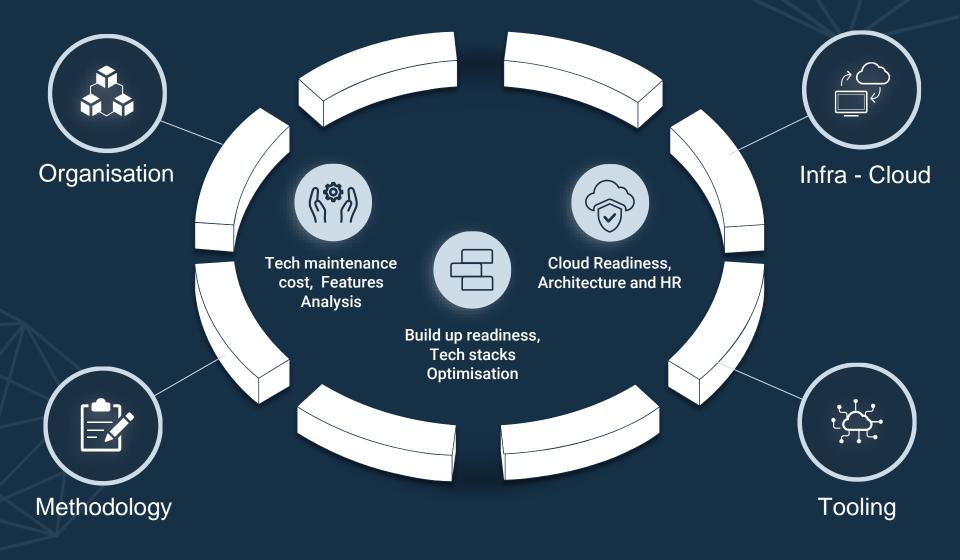
APPLICATION ARCHITECTURE

METHODOLOGY / HUMAN CAP

SOFTWARE DNA

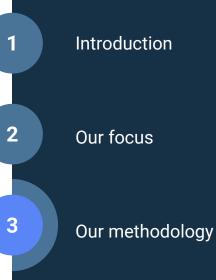
360° view of the IT environment











From quantitative data to expert guidance



What we do: Using data to go deeper, faster



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

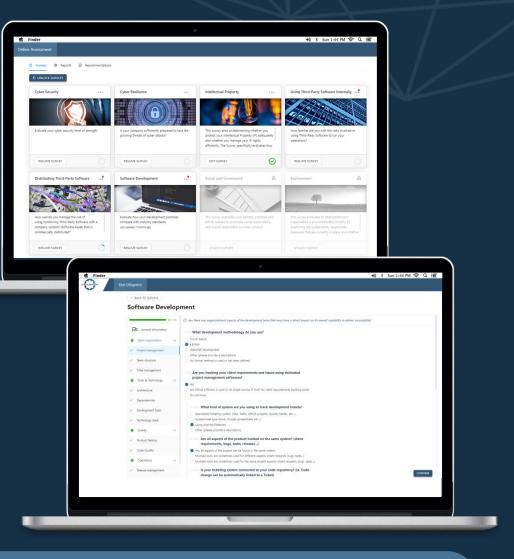
Step 1: Online assessment



Evaluate organisation & management of

- Cybersecurity practices
- Intellectual Property Protection
- Software development and IT <u>infrastructure organisation</u>

GDPR processes



Created by international experts - Vaultinum collaborative Platform

Step 1: Online assessment



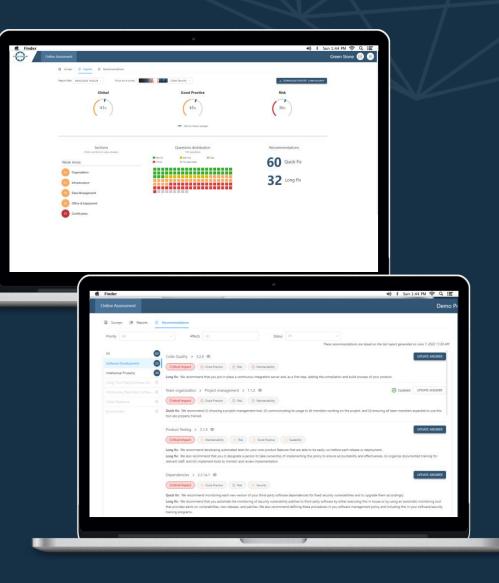
Control Panel for rapid view of



Identified opportunities and vulnerabilities

Scoring compared	to	industr
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



- Review findings in context of business objectives
- Identify mitigating factors

- Understand technology environment and end use
- Assess timelines to formulate action plan

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Total				944			29.19 kB	
Tools								
Name	Build	CI/CD	SCM	Dependency Manager	Platform	ORM	IDE	Code
android	None detected	None detected	Gt	Gradie	AWS	GraphQL		
арі	None detected	Docker	Ge	Composer NPM			Generic	
app cron sync	Webpack	None detected	Gt	MPM		GraphQL	Generic IntellU	
data export	Welipack	None detected	Ge	HPM				Eslint
105	Meke XScheme	Travis	Gt	None detected			XCode	
iPhone app	Kicheme	None detected	GR	NIPM	ANS	GraphQL	Mode	
Core server	Olike Mate	Tani	Ga	Grade				
lambda get providers	None detected	None detected	None detected	None detected			Intella	
lambda export handler	Webpack	None detected	Gt	NPM			Intelki	Esliet
webapp_core_sdk_laye	None detected	None detected	None detected	None detected			Intella	
MQ message handler	Webpack	None detected	Gt	NPM			Generic	Epint
client webapp	TypeScept Wetpack	Dicker	Ga	Camposer NPM			Generic	
Windows desktop app	None detected	None detected	Gt	Nu/Get			VisuatStudio VSCode	



Step 4: Delivering a risk report and action plan



A risk report and action plan that shows

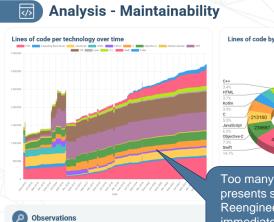
- Scalability of the tech asset, cloud readiness, build up readiness
- OPEX and CAPEX estimated risk
- Bottom-up analysis leading to better accuracy
- Deep tech background to factualize risks and recommendations

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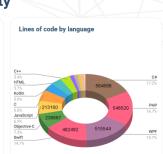
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<image/>	E	Property	79 Total critical impact		Section Section		
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The power of data, leading to insightful recommendations

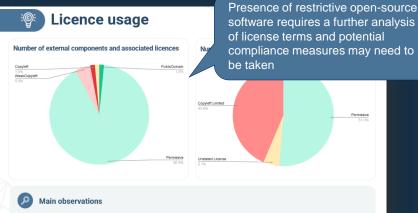




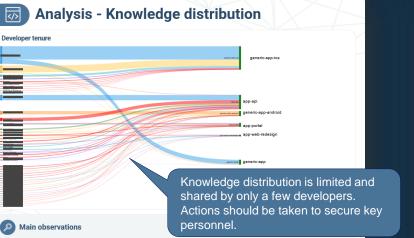
The number of lines of code is significant at 3.281.478 (note: the inclusion inflates the actual number of supported lines of code). PHP is the most gr diversity of technologies can be found within the source code presenting a characteristic of the supersenting a char



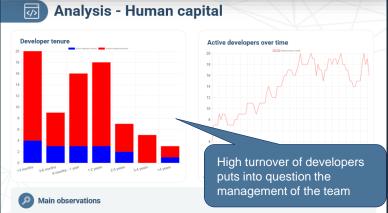
Too many coding languages presents scalability challenges. Reengineering to be planned immediately to address scalability issues.



The source code analysis identified three types of limited copyleft licenses attached to 17 components. The strict copyleft licenses require that any changes be released as free software, while the limited copyleft licenses require this only in certain cases. For example, the Mozilla Public License (MPL) only requires publication of changes to existing files, while added files can be licensed in any way. The LGPL (Lesser General Public License) for program libraries requires only that changes to the library itself be licensed under the LGPL.



The vast majority of contributions are made by the Country 1 team with 100% ownership for all mobile applications. Some redundancy with the team in Country 2 exists on the two most critical repositories Web + API



A high turnover rate can be observed with more than half of contributors staying less than 1 year. This can have a negative impact on the code quality.

 Country 1 team:
 14 active developers [53 no longer active]

 Country 2 team:
 2 active developers [7 no longer active]

An illustrated overview of detailed data

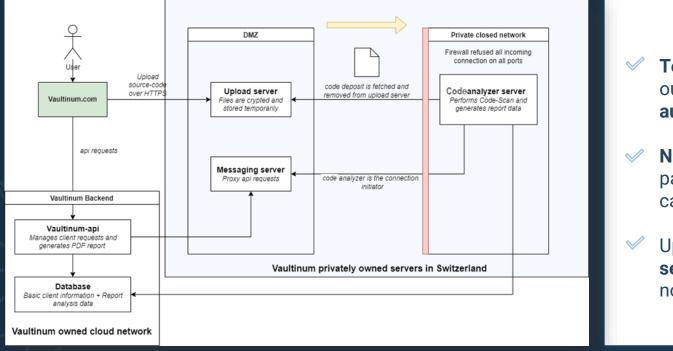




100% secure - 100% of the time



- 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





- No access by external parties. Only the scanner can read
- Upload made through secure server (no email, no SFTP)

• Trusted third party since 1976

• Sovereign servers in Switzerland

ISO27001
 eIDAS READY

Meeting your needs





FOR A TECH COMPANY

Run a full tech health check



Ensure compliance with industry best practices





3

Obtain operational recommendations on action plan, timeline and cost



FOR INVESTORS



Gain critical insights about the value of the tech asset



Validate the scalability and cybersecurity of the asset



Identify short and long-term main areas of risk



Obtain operational recommendations on action plan, timeline and cost



Monitoring Progress

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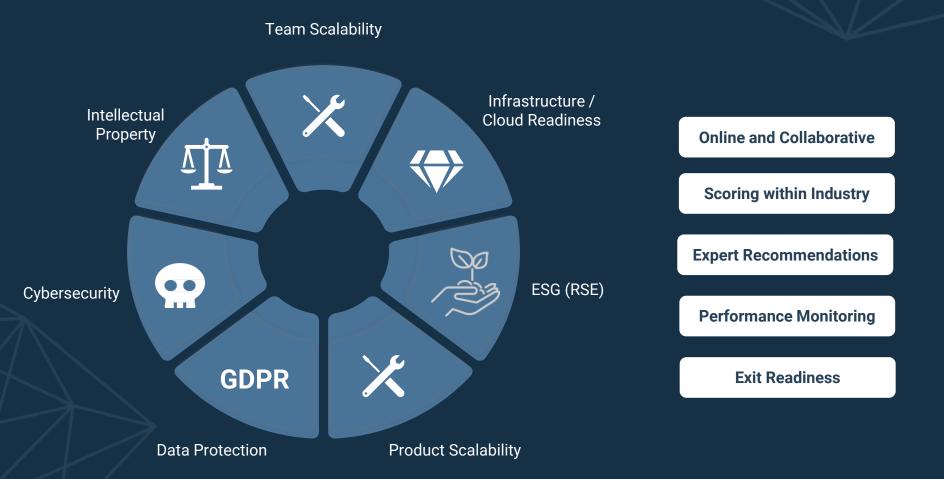


TECH to Value – Ongoing progress monitoring



Ongoing Assessment – What does it cover ?







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

Contact us

Address

World Trade Center Route de Prés-Bois 29 1215 Meyrin, Switzerland

ontact@vaultinum.com	
^{one} 41 41 511 82 08	
ebsite ww.vaultinum.com	\oplus
ıkedin	

www.linkedin.com/company/vaultinum