BRAIN

Affordable Expert GRC Value – Flexible & Community Driven





Who is Brainframe?

CONCEPTION



Brainframe started as a one-man project in Luxemburg to devise an **inexpensive solution** to **effectively counter** the typically expensive and complex-process driven solutions for the digital enterprise. With the driving force of a **recognized GRC expert and CISO** - seeing how enterprises are increasingly impacted by expanding regulations and cyber risks – the Brainframe solution constantly provides proof to be highly cost-effective with intuitive usage and automation concepts for an entire organization.



MISSION STATEMENT

We are **democratizing GRC** by making it available to any size company and **digitalize**, centralize and remove all inefficiencies in security, compliance and regulatory work while bringing professionals closer together to standardized excellence in an all-in-one management system.

BRAINFRAME EVOLUTION



Today, Brainframe has a dedicated R&D team and a (local) deployment services and consultancy force. The Brainframe GRC SaaS platform is a successful reference solution for both consultants and end-customers alike, with a **zero-churn** and a strongly growing customer base in the IT services and GRC domains. With continuous expert user influenced improvements from an operational user community and customer closed **loop feedback**, the focus is always on offering direct value via a pragmatic cost-efficient software deployment. This approach allows to **include AI and GRC 5.0 technical evolutions** to stay on the crest of the digitalization wave.











Brainframe Understands your GRC Challenges



RESOURCE INTENSIVE OPERATIONS

- Too many isolated tools in use to get the job done
 - Missing digitalisation (Excel/Word)

CYBER SECURITY ISSUES

- Increasing (cyber) risks not identified/quantified/managed

GRC MANAGEMENT COMPLEXITY

- Lack of **essential business asset** identification/protection/management • Difficult to understand asset/risk/policy dependencies • Challenging to efficiently manage multiple suppliers • Limited knowledge retention & asset/process documentation

- **Missing standardisation** in compliance work and processes

OVERWHELMING REGULATORY COMPLEXITY





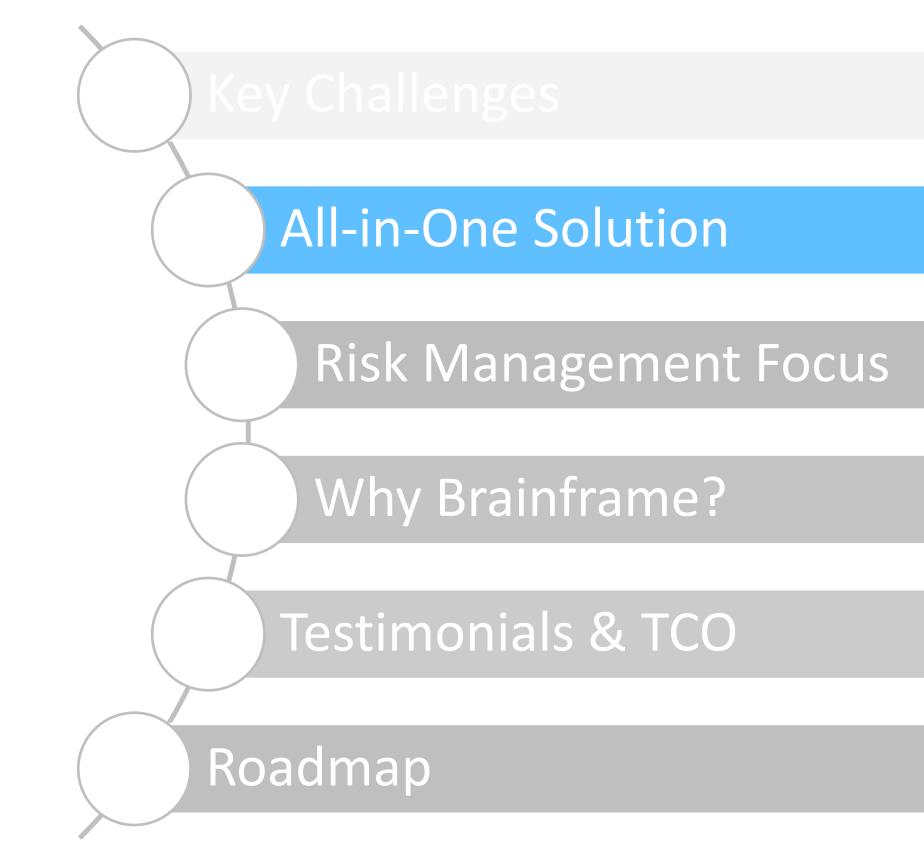
• Inefficient company governance without key stakeholder alignment

• Difficult to decide what to prioritize work & how to follow up • **Overspending on security** due to missing focus/best practice





Agenda







All-in-One Solution

A first of its kind management solution combining ISMS, GRC, QMS and DMS in one single platform for efficient establishment, implementation, an collaboration, certification maintenance, and continuous improvement of framework, any regulation or standard with quick access to trusted specialists.

A modular platform that can effortlessly scale out in both volume and functional scope dimensions.

SAVE TIME (SAVE MONEY) Due to all-in-one digitalization **INCREASE OUTPUT** More with fewer resources

REDUCE RISKS

With central context and asset aware views



ISMS: Information Security Management System, GRC: Governance Risk and Compliance

QMS: Quality Management System, DMS: Document Management System, AMT: Asset management tool



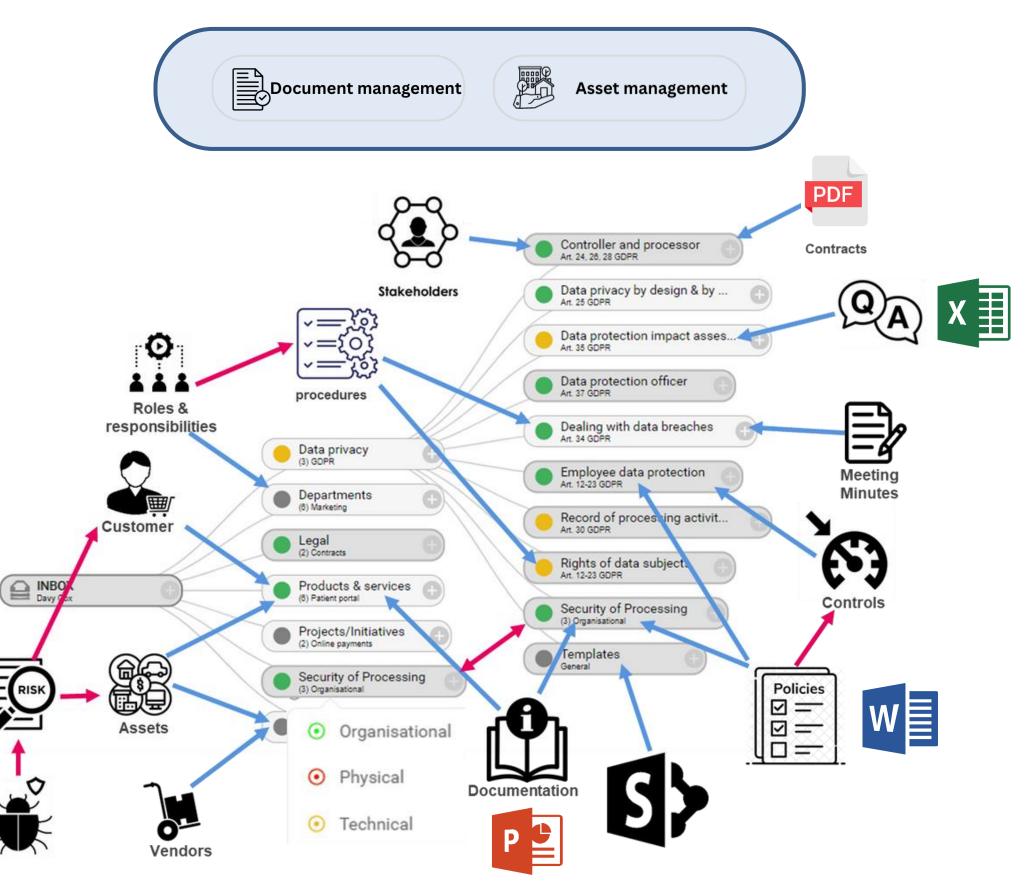


Versions & approvals	Document templates
Risk management	Q A⇔ P□ Requirement mapping
Workflows	Request forms
Objectives tracker	Maturity tracker
Diagram editor	Dependency tracker
Multi customer/entity	••• Much more

SaaS Delivery - In the cloud or self-hosted

Familiar GUI and Easy to Understand Logical Structures







Works with Any Standard or Framework



- Perfect for multi-standard mapping
 - *ISO27001*
 - *ISO27017*
 - *ISO27701*
 - *SOC 2*

- *ISO9001*
- *ISO13485*
- FSSC CSSF PSF
- PCI-DSS

- *NIS, NIS2*
- GDPR
- NIST
- *HIPAA, ...*
- Build your own framework/requirements
- Track policy & procedure relations
- One central place to store all your evidences
- Link your requirement applicability to risks





Standardize your Compliance Work



100+ Ir

2	Business Objective KPI	<u>ا</u>	Role and responsibilities	6	Impact
۲	Business risk	2	Stakeholder/Interested party	-10 A-	Policy
٠	Certificate	ñ1=	Supplier or subcontractor	背	Procedure
囲	Company	Ζ.	Visual Collection	r	Security incident
•	Competitor	20	Administrative security control	~	Security objective KPI
20	Consultant	ŵ	Auditable proof	0	Technical security control
9	Contact person		Business Continuity Plan	\$	Threat
	Customer	۲	Confidentiality, integrity or availability Risk	â	Threat actor
24	Decision	Ē	Guideline	0	Vulnerability
恣	Department or Working group	by	ISMS Management review meeting	120	Controller(s) of the data

BRAIN

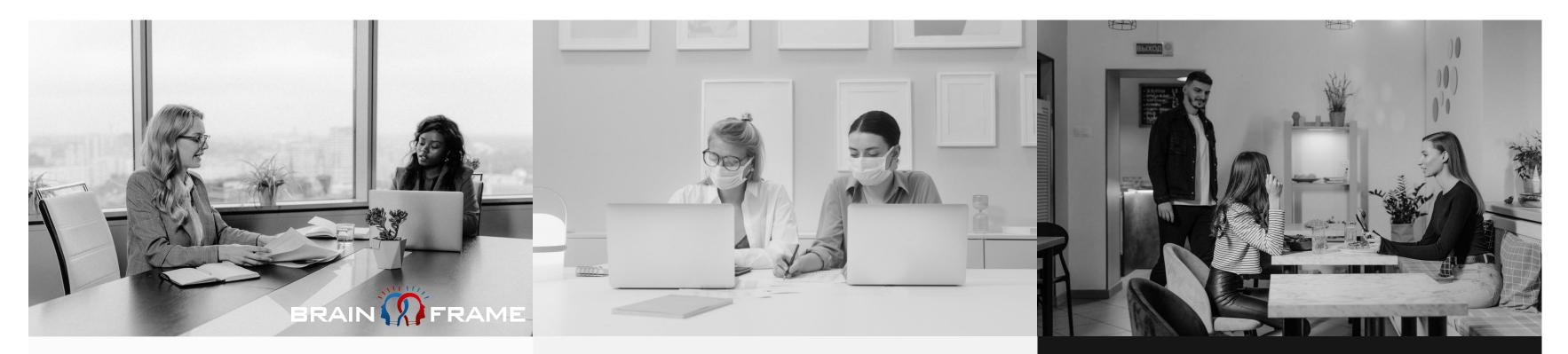
ndustry specific de Or define your own								
\$ Accounting system	ŵ	Documentation system	4	Operating system (OS)	•	IT Room, Datacenter or cloud provider	₽	Printer, fax, scanner or copy machine
X ¹ Algorithm	۲	Domain name (DNS or similar)	ß	PDF	쁆	Internet gateway provider/device (ISP)	- 10 - 10 - 10	Server
authentication system	•	Email	M	Sales system	100	Inventory of physical assets		Warehouse, storage or container
🏟 Backend system	$\mathbf{\Sigma}$	Email system	•	Sharepoint document	ø	Measurement device	⊒	Workstation
🐻 Backups	۶	Encryption key, software or mechanism		Software	윩	Network router	G	Intellectual Property
Billing system	•	Frontend system	D	Software Firewall	쁆	Network switch	۲	Legal risk
Bus/Communication system	0	Helpdesk system	ų	Source code repository	*	Other device	2	Non disclosure agreement
n CRM	Ó	Image		Spreadsheet		Phone	21 ~-	Patent, contract, certificate or ownership
Cloud SaaS Product/Service	D	Intrusion detection system (IDS)		Technology		Physical asset	2	Regulation, Legislation or standard
_		Mobile app			•	Physical firewall	:6	Regulatory exemption
Company landing page or porta				Webservice	v	- nyolou mewun	1	WWW.BRAINFRAME.COM





"Come as You Are" to Improve GRC Productivity

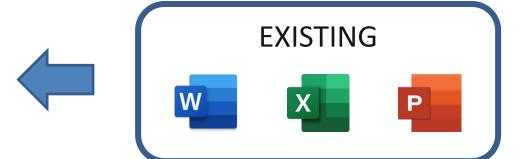




Integrated version control, change history and document age tracking

2FA Document approvals



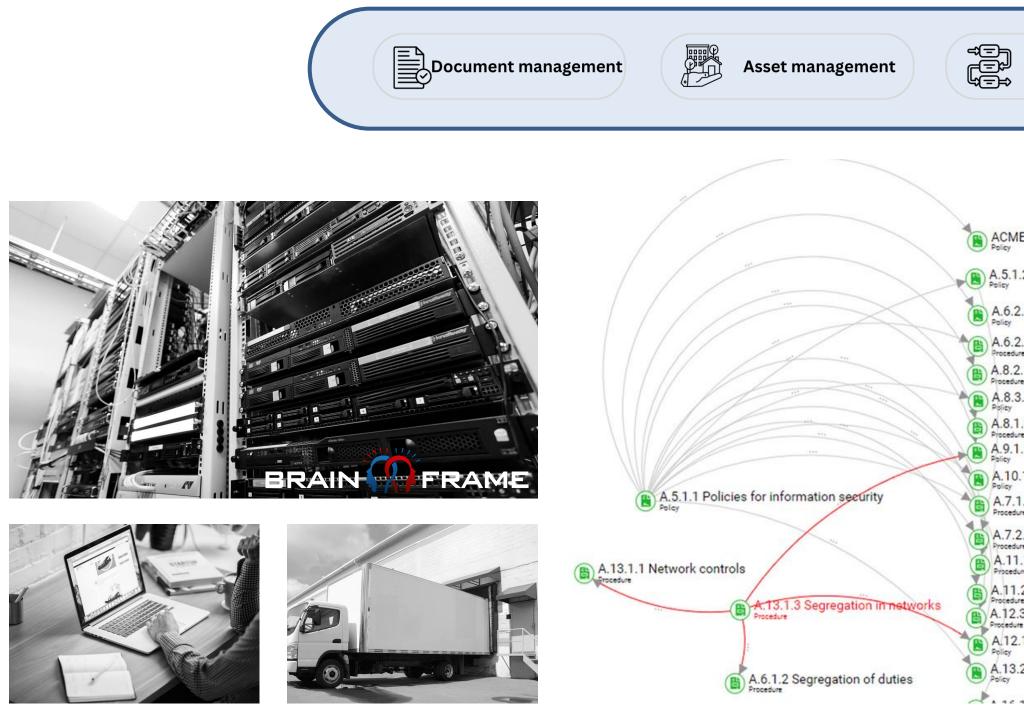


Document comments & notifications

Use your docs as templates

Visually Map Dependencies of Assets/Risks/Controls

A unique feature of Brainframe is the capability of offering a holistic and visual representation of dependencies and links between assets, risks and related controls.





Dependency tracker

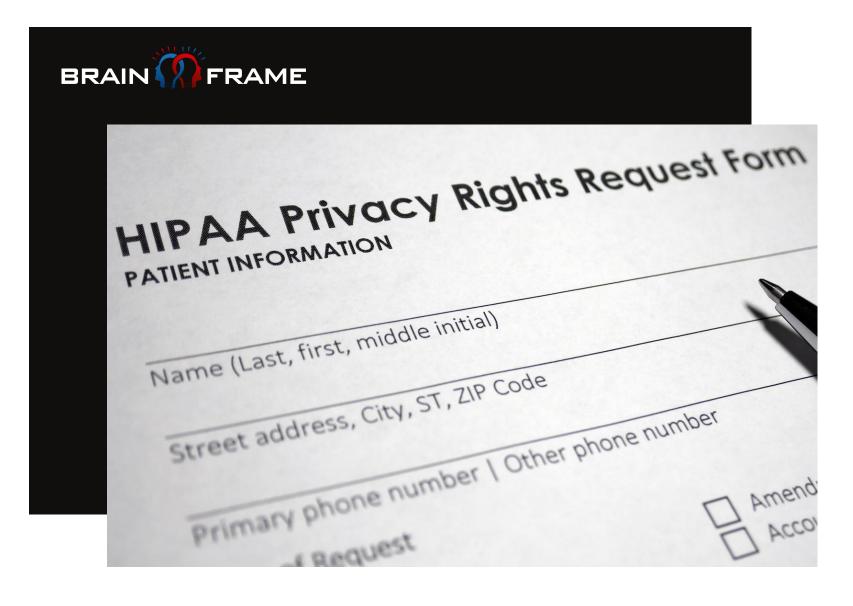
ACME Group - Code of Conduct

- A.5.1.2 Review of the policies for information security
- A.6.2.1 Mobile device policy
- A.6.2.2 Teleworking
- A.8.2.1 Classification of information
- A.8.3.2 Disposal of media
- A.8.1.3 Acceptable use of assets
- A.9.1.1 Access control policy
- A.10.1.1 Policy on the use of cryptographic controls
- A.7.1.2 Terms and conditions of employment
- A.7.2.3 Disciplinary process
- A.11.1.1 Physical security perimeter
- A.11.2.7 Secure disposal or reuse of equipment
- A.12.3.1 Information backup
- A.12.1.2 Change management
- A.13.2.1 Information transfer policies and procedures

\$	Accounting system
7	Action to take
X	Algorithm
-	Auditable proof
5	Authentication system
•	Backend system
8	Backups
	Billing system
	Building, office or room
	Business Continuity Plan (BCP)
0	Business risk
:20	CRM
٠	Certificate
-	Cloud SaaS Product/Service
	Company
(iii)	Company landing page or portal
9	Contact person
	Patent, contract, certificate or proof of
2	Corrective or preventive action (CAPA)

Automate Process Flows with Intelligent Forms





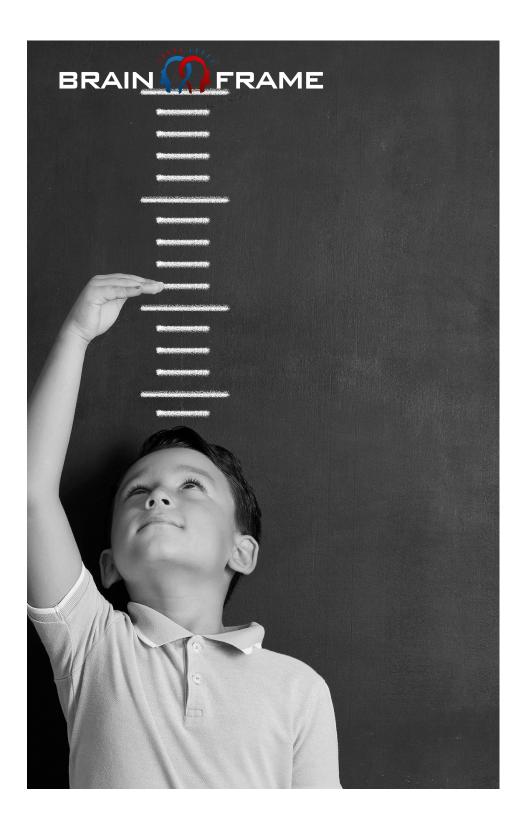
- Let others start workflows and processes using our online forms - don't chase them.
- Use your own Word/Excel documents as forms to be filled out or use simple Q&As.
- Embed forms into your own intranet/website.
- Auto-calculate risks based on replies received.
- collection.

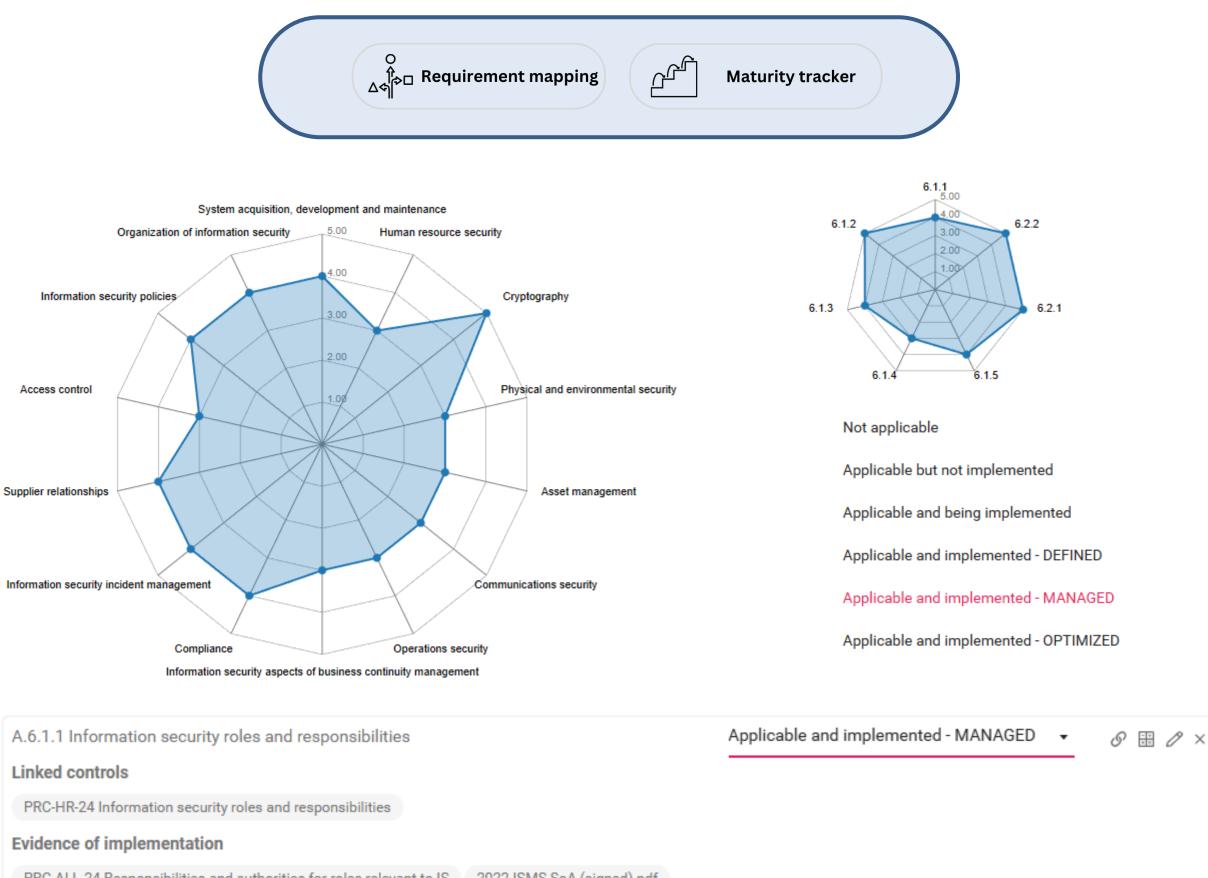




• Send out recurring document requests for your evidence

Easily Track your Compliance Maturity Visually





PRC-ALL-24 Responsibilities and authorities for roles relevant to IS 2022 ISMS SoA (signed).pdf



Make Document Distribution Easy and Automatic



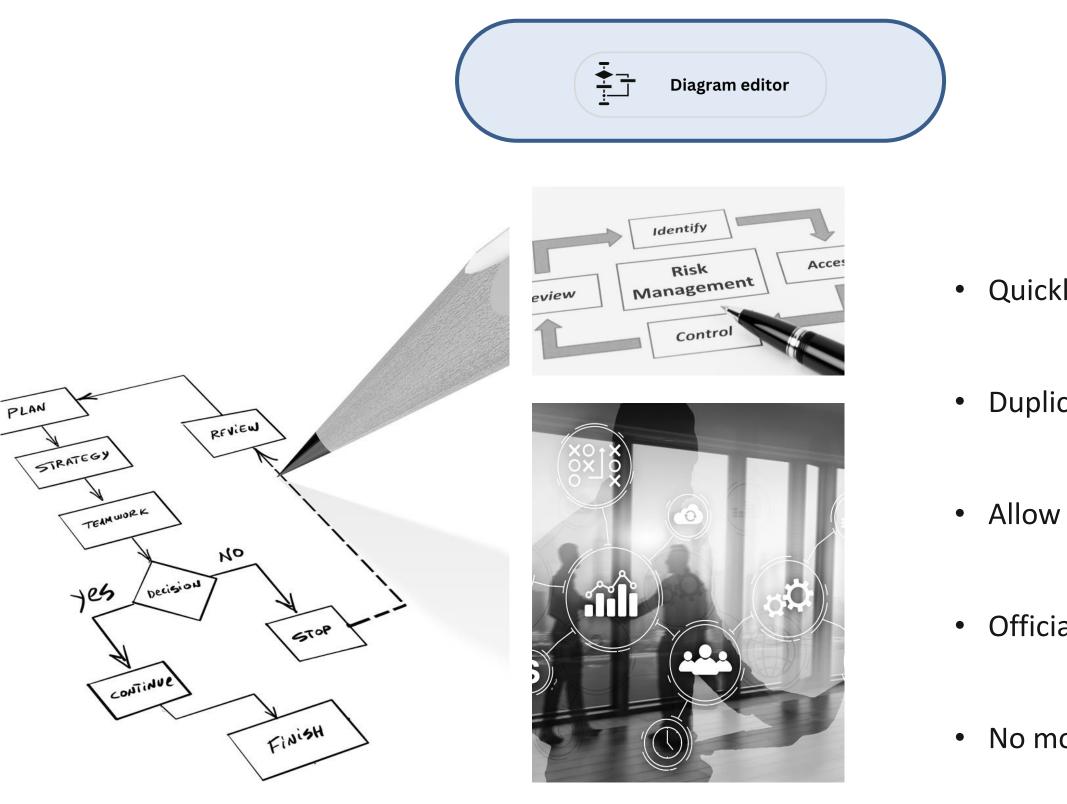


- Send your policies and procedures to staff & suppliers per mail without login for <u>online</u> review & approval.
- Track multi-version auditable approvals per document.
- Centrally track progress.
- Continuously status.



• Continuously monitor document acknowledgment

Internal Tool for Process Flow or Diagram Design





• Quickly draw any process/diagram flow.

• Duplicate or Adapt Existing flows.

• Allow Draft and Published versions.

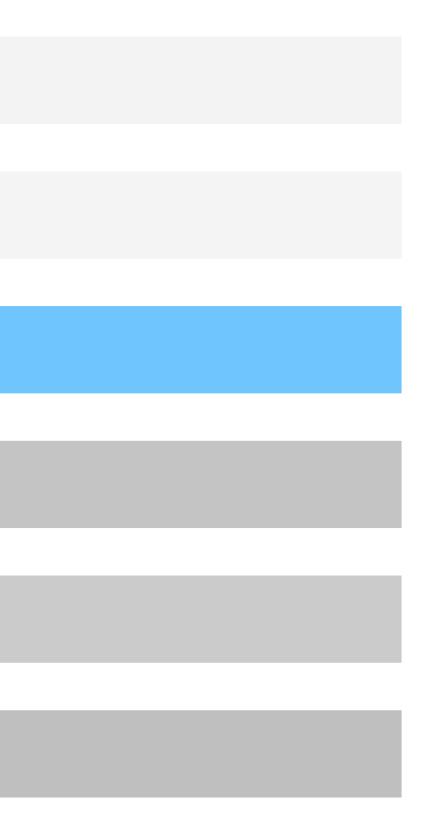
• Officially Track diagram versions.

• No more external tools needed.

Agenda







We Help You Keep the Focus on Actual Risks

The ultimate purpose of a GRC solution is to efficiently identify, reduce and/or eliminate actual risks that can impact your business. Using our visual asset dependency representation and auto-documentation, combined with context aware risk views (per product/department/...) and a **built-in task management** with **automatic risk evolution/prediction**, we bring a new approach on how to efficiently manage risks.



Simple & Effective

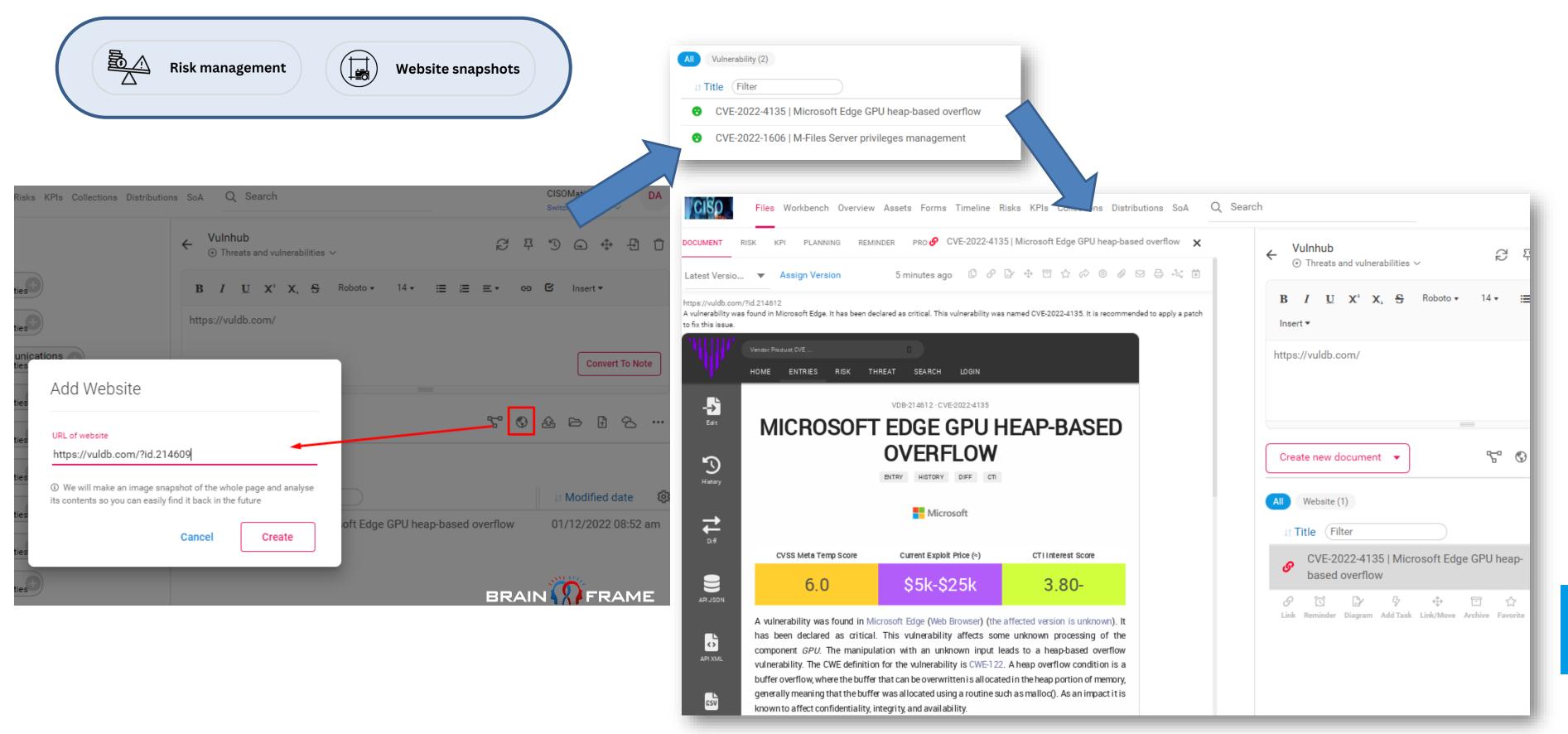
- Manage multiple risks types (eg CIA, Suppliers, Employees, Non-conformities, Stakeholders, ...) with self defined measures/properties.
- Intuitive 5x5 risk matrix with quick view on remaining work and risks that need to be reviewed.
- Directly map your risks to framework requirements.
- Track risks and related work on Kanban boards that can be fully aligned with your process.
- Automatically calculate risks based on questionnaire form replies.



On our roadmap

- Financial/Quantitative risk management.
- Al assisted risk identification & documentation.
- Cyber defense matrix mapping of controls to quickly identify gaps on your assets.
- Automated replies to security questionaries you receive.

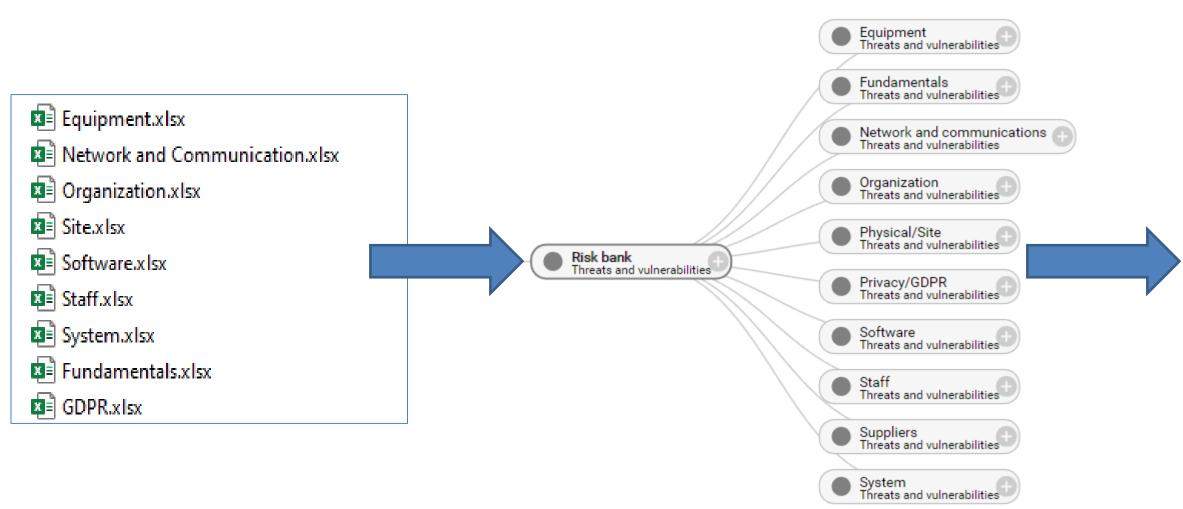
Quickly Document New Vulnerabilities





Build your Own Risk Bank Swiftly and Accurately







÷		rivacy/GDPR → Threats and vulnerabilities ∨	7	罕	Ð	G Click h	ere to a	-fg dd folder	Î
C	rea	te new document 🔻	3	\$	£	ß	+	8	
All		Threat (89)							
	lt T	itle Filter			Į	Modi	fied d	ate	£33
4	\$	Lack of clauses for transfers to third countries not providing the appropriate level of protection			01/	/12/20)22 0	8:44 a	m
4	\$	Inadequate level of protection of the third country			01/12/2022 08:44 am				
	\$	Absence of binding corporate rules			01,	/12/20	8:44 a	m	
. 4	\$	Poor subcontracting conditions in cascade			01/12/2022 08:44 am				
4	\$	Poor cooperation with the controller			01/12/2022 08:44 a				m
4	\$	Lack of contractual clauses between the controller and the processo	r		01/12/2022 08:44 am				m
-	\$	Personal data are excessive in relation to the purpose of the process	ing		01/12/2022 08:44 ar				
4	\$	Instructions from the controller are not documented			01,	m			
4	\$	The processor does not have sufficient guarantees to ensure data protection	01/	m					
4	\$	Poor subcontracting conditions in cascade			01,	/12/20)22 ()	8:44 a	m
4	\$	Poor cooperation with the controller			01,	/12/20)22 ()	8:44 a	m
4	\$	Lack of contractual clauses between the controller and the processo	r		01,	/12/20)22 ()	8:44 a	m
4	\$	Personal data are excessive in relation to the purpose of the process	ing		01,	/12/20)22 ()	8:44 a	m
4	\$	Instructions from the controller are not documented			01/	/12/20)22 ()	8:44 a	m

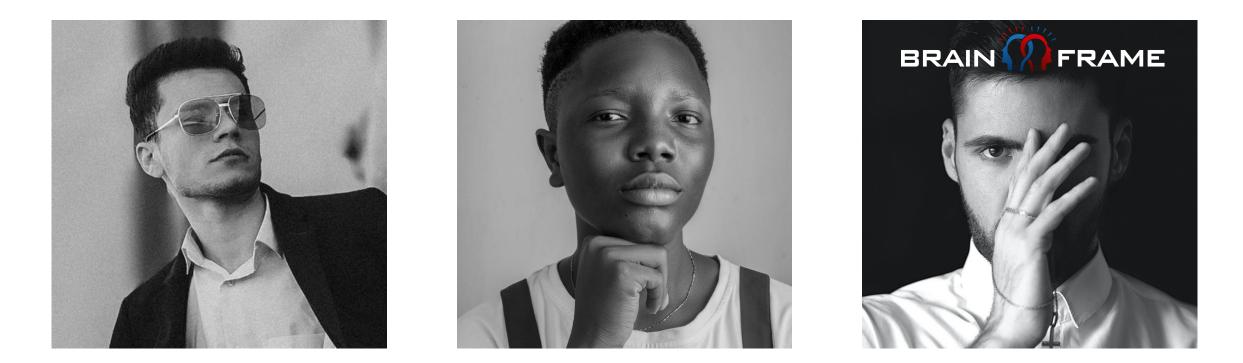
Dashboard for Clear Progress Details





All you Need to Plan your Mitigations





GANTT ROADMAPS

KANBAN BOARD

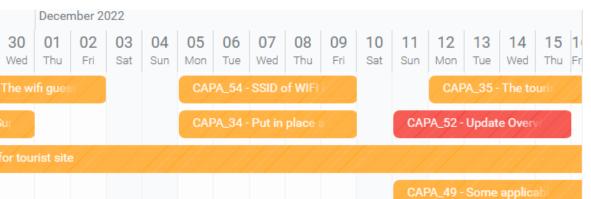
November 2022 CheckList 02 03 04 05 06 07 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 08 09 10 11 12 Sat Sun Mon Tue Wed Thu Fri Sat Sun Tue Wed Thu Fri Sat Wed Thu Fri Sat Sun Mon Tue Sun Fri Mon Mon Tue 50 - Synchronise clocks on aws with ama CAPA_27 - Workstations are not labeled CAPA_1 - Su CAPA_18 - Configurations like remote wipe, [...] d CAPA_47 - There is no detailed BCP and tested DRP plan for tourist site CAPA_31 - The AWS ALBs use th



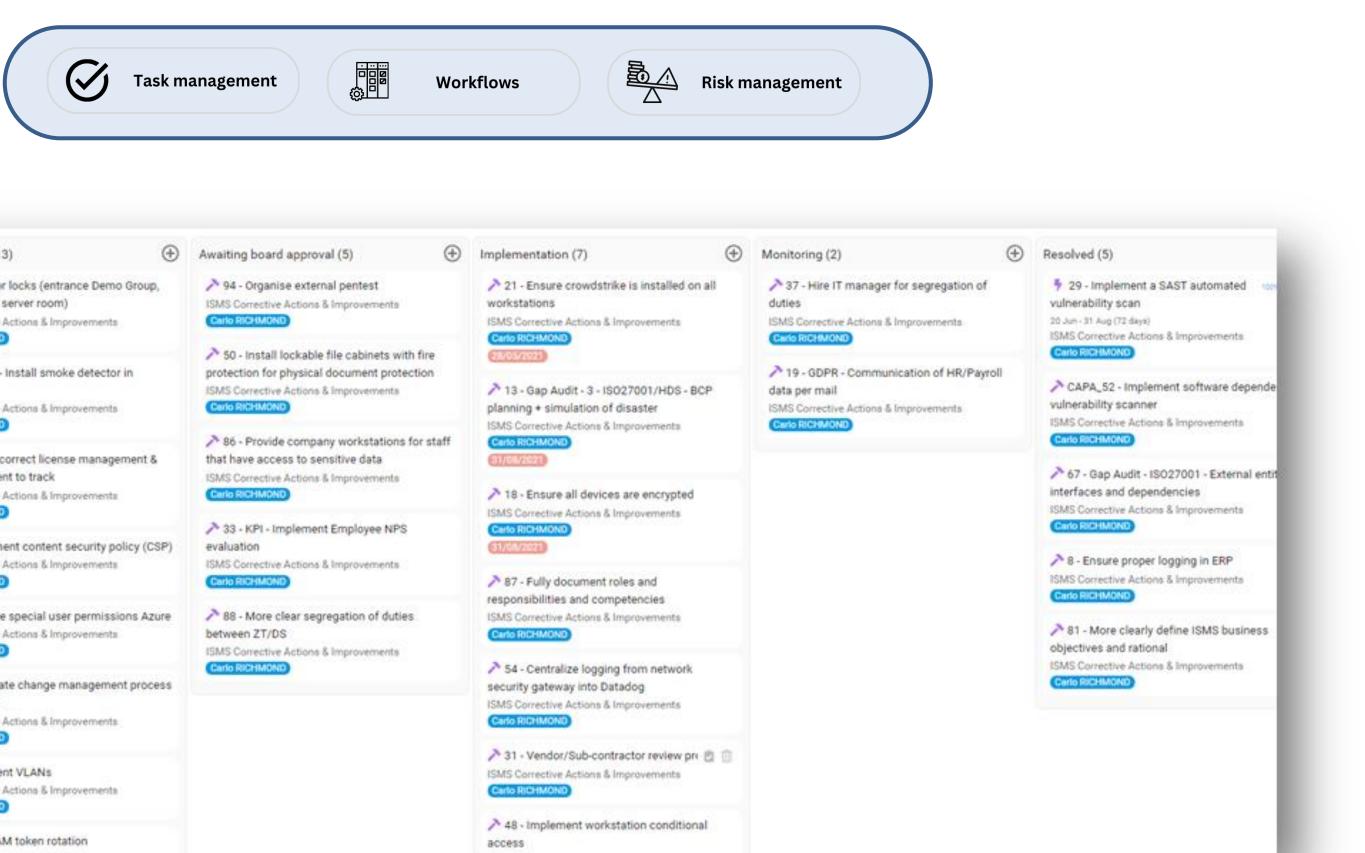




REMINDERS



Visually Manage your Non-Conformities



Todo (22)

22 - Tightly review source code permissions (gitlab) ISMS Corrective Actions & Improvements

Carto RICHMOND

55 - Document approved removable media devices (HD, USB, ...) ISMS Corrective Actions & Improvements Carlo RICHMOND

97 - Properly document company provided assets ISMS Corrective Actions & Improvements Carlo RICHMOND

77 - Access badges contain too much information ISMS Corrective Actions & Improvements Carlo RICHMOND

7 - Implement central password manager ISMS Corrective Actions & Improvements Carlo RICHMOND

22 - Tightly review source code permissions (gitlab) ISMS Corrective Actions & Improvements Carlo RICHMOND

83 - Identification of the regulatory requirements from stakeholders and regulatory bodies ISMS Corrective Actions & Improvements

Assessment (13)

(+)

20 - Fix door locks (entrance Demo Group, back door and server room) ISMS Corrective Actions & Improvements Carlo RICHMOND

CAPA_102 - Install smoke detector in kitchen ISMS Corrective Actions & Improvements Carlo RICHMOND

16 - Check correct license management & create document to track ISMS Corrective Actions & Improvements Carlo RICHMOND

93 - Implement content security policy (CSP) ISMS Corrective Actions & Improvements Carlo RICHMOND

17 - Remove special user permissions Azure ISMS Corrective Actions & Improvements Carlo RICHMOND

91 - Automate change management process for developers ISMS Corrective Actions & Improvements Carlo RICHMOND

6 - Implement VLANs ISMS Corrective Actions & Improvements Carlo RICHMOND

95 - AWS IAM token rotation



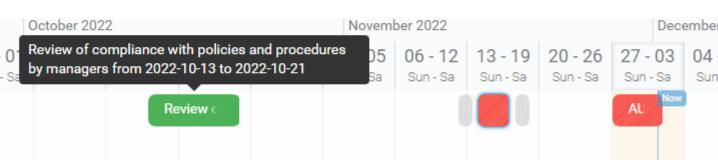
Track Your Audit Planning

	Task management		Workflows
Search document type	Files Workbench Overview Assets Forms	Timeline Risks KPI	s Collections Distributions SoA Q Sear
Action to take	Kanban Tasks Table O Include Subfolders O Sort by deadline	Only my tasks S	how Other Workspace Filter tasks
 Audit report 	Todo (5)	\oplus	Doing (1)
 Core Business Service Corrective or preventive action (CAPA) 	AUD-2 - Initial ISO27001:2017 audit Stage 2 14 Nov - 16 Nov (2 days) Audit planning James Bond	0% 🔿	 Yearly external pentest audit on key app Audit planning James Bond
	16/11/2022	۲	01/09/2023
Disastor rocovory plan (NPP)	 AUD-3 - GDPR audit by DPO 2023 08 Jun - 09 Jun (1 days) Audit planning James Bond 	0%	
	09/06/2023	۲	
	Conduct internal audit Audit planning James Bond 01/09/2023		
		<u>e</u>	
	Yearly Fiber consult audit Audit planning		
	James Bond 10/02/2023 O AUD-4 - OWASP Pentest 2022 - tourist site and SkyPo	CISO	Files Workbench Overview
	27 Nov - 01 Dec (4 days) Audit planning	Include Set	ubfolders
	James Bond 01/12/2022		September 2022
		CheckList	04 - 10 11 - 17 18 - 24 25 - Sun - Sa Sun - Sa Sun - Sa Sun - Sa
		Audit planning	<≡



oadmaps & timeline

h		CISOMatic Switch Worksp	ace ∨ DA
		Audit planning \sim	×
	\oplus	Done (3)	÷
ations	۲	 Review of compliance with policies and procedures by managers 13 Oct - 21 Oct (8 days) Audit planning James Bond (21/10/2022) 	1005
		 AUD-1 ISO27001 Initial Blanc audit 26 Sep - 27 Sep (1 days) Audit planning James Bond 27/09/2022 	100%
		CISOMatic - ISO 27001 Rapport d'audit a blanc VD 10102022.docx 26 Sep - 27 Sep (1 days) Audit planning James Bond (27/09/2022)	100%



Define, Document & Track your Objectives



Jan 25000 20000 15000 10000 5000 0	Feb Mar	Apr May Jun Jul #Product 1 #Product 2 #Product 3		Oct Nov	uct 3	24 24 24 24 24 24 24 24 24 24 24 24 24 2	SU SU SU SU SU SU SU SU SU SU SU SU SU S	Product 3 Product 3
1† KPI Name	↓『 KPI Type	KPI Type Description	KPI target	Last reading	↓† Last reading date	Trend	Document	properties
 No privacy/security incidents	Unit tracking	Track the unit progress	0	7.00	16/08/2023 05:04 PM	+2.00	Owner:	Chief information security officer - CISO
No important vulnerabilities - Elitrixs	Unit tracking	Track the unit progress	10	56.00	30/06/2023 02:38 PM	No Change	Owner:	Chief Technology Officer - CTO
No important vulnerabilities - Clearview	Unit tracking	Track the unit progress	10	20.00	04/04/2023 04:57 PM	-27.00	Owner:	Chief Technology Officer - CTO
No important vulnerabilities - Infrastructure	Unit tracking	Track the unit progress	10	90.00	01/11/2022 03:04 PM	No Change	Owner:	Chief Technology Officer - CTO



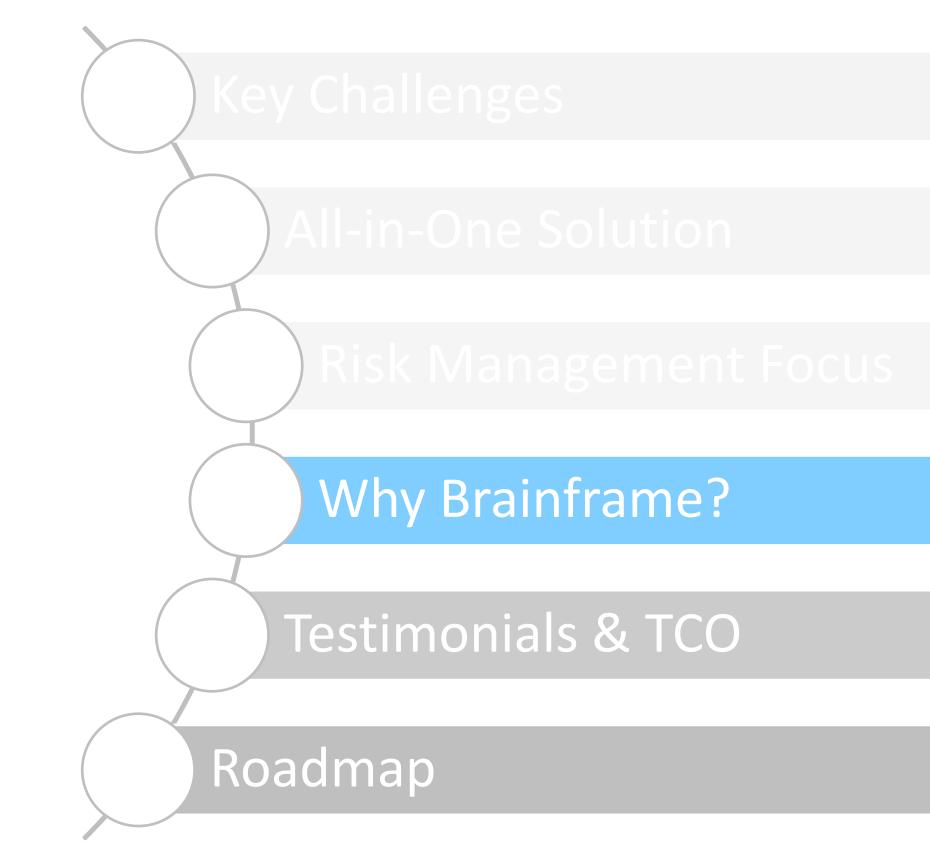


COMPLEX FORMULA f(x)

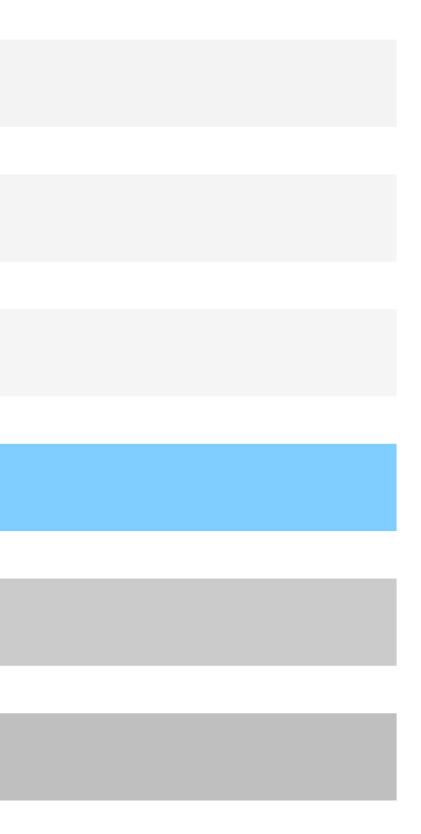




Agenda







Why Brainframe?

Brainframe takes away the complexity - and anxiety - of GRC tasks with an operational implementation that puts the user experience and ease-of-use first. User benefits come directly from an embedded intelligence (continuously adapted from field experience and regulations), process automation with templates and AI-driven logic. Onboarding services are strongly reduced via straightforward integration embedding existing available documentation and connecting to existing platforms.

Brainframe empowers CISO and risk management professionals in their duties and assures GRC success across the entire organization from day one.



Customer is Gold

- Small company = 100% customer focus. ALWAYS!
- Any type/size/compliance state is readily supported
- You define our agile roadmap
- Non-Disruptive onboarding • (come as you are!)
- Cloud or self-hosted for more control

Cost Effective

- Integrated All-in-one solution
- All modules included (don't compromise on security/quality)
- Company based pricing (no user pricing)
- Focus on saving time, reducing costs and minimize risks



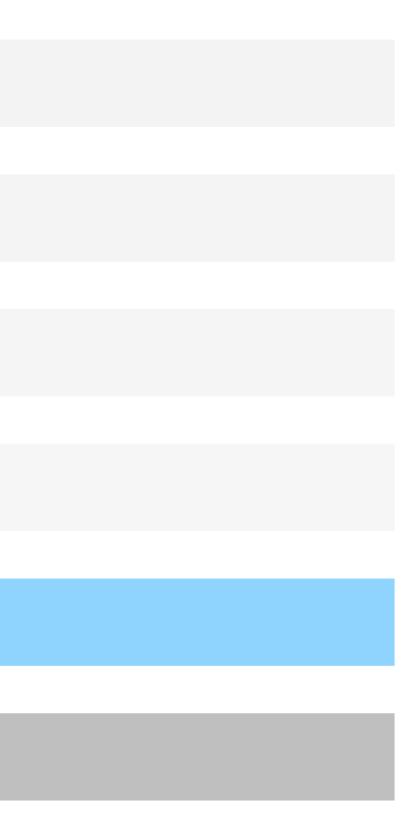
Value Focus

- Feature-Rich product with intuitive navigation
- Focus on risk reduction
- Value for In-house specialists **AND Consultants**
- Knowledge retention
- Keep all corporate and functional levels close to the IT security and compliance reality

Agenda







Brainframe Customer Testimonials

Brainframe is on the market since early 2022 and is proud of its growing customer base of **30+ companies in different domains** (fintech, governments, insurance, healthcare, MSP, consulting, IOT, security, ...) with **ZERO CHURN** to-date! This accounts for more than 500 satisfied and succesfull users that interact with our service on regular basis to improve and control their GRC.

"Brainframe is the solution I wanted to work with at the start of my career, because it allows me to **easily** manage all the tasks that fall to a CISO. In terms of compliance, the controls carried out and the evidence of these controls, all our assets and the risks associated with these assets, are **all in one place**.

Thanks to the *flexibility* of this solution, I've been able to continue using and centralizing my existing documents. This centralization has enabled me to save many hours in managing our GRC program.

The Brainframe team listens to our needs and thinks along with us at a management level, providing advice on best practice while implementing the new features we request very quickly."

> Jean-Yves MATHIEU **CISO NATIXIS BANK**





"As a consultant, time is money. Using Brainframe **saves many hours per week** by centralizing all the management in one place.

We were able to **implement our own** methodology and way of working into the platform allowing us to keep a strong competitive edge while at the same time standardizing our way of working with all customers and significantly reducing the onboarding time for new clients.

I love how quickly the product is evolving, constantly adding new features that make sense without additional costs/upselling."

> Luc COTTIN **CISO Rcube, CEO Rsecure**

Use Case – Natixis Bank

Brainframe was chosen by Natixis in early 2022, with the main aim to fully digitalize the GRC program of the bank.

In less than 30 days their key GRC processes were migrated to Brainframe thanks to the support of our GRC experts



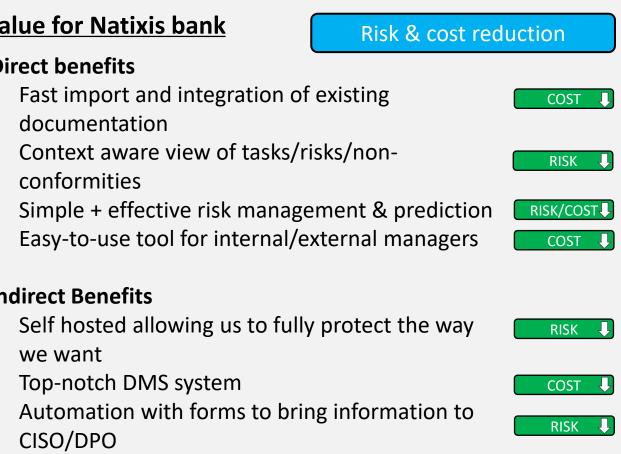
Targeted issue(s)Missing digitalization	<u>Sol</u>
 Difficult to manage multiple certifications/standards/regulations 	• • /
 Challenging to align management teams 	• (
 No clear view on risk/compliancy status 	Valu Dire • f
 Time consuming document approvals and other process implementations in COST 1 the field 	• (
 Difficult to manage/delegate/track tasks, risks and non-conformities COST/RISK 1 	• [Indi
 Challenging to properly document/understand assets and COST/RISK 1 their dependencies 	• • • • • •



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Brainframe GRC platform

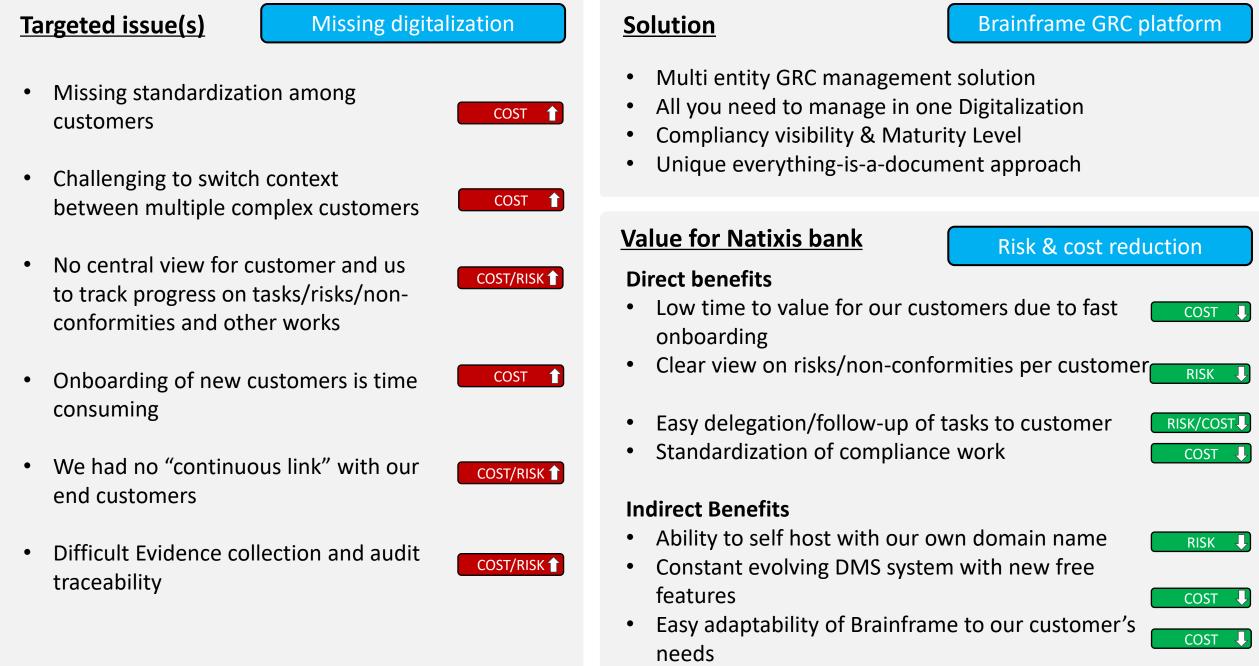
- Holistic GRC management solution
- All you need to manage in one Digitalization
- Compliancy visibility & Maturity Level
- Unique everything-is-a-document approach



Use Case – Rcube, Rcarré & Rsecure Luxembourg

Brainframe was chosen by Rcube, Rcarré and Rsecure consulting in early 2022, to help scale the management of multiple customers Today they manage the GRC work/documentation for whole Rcube and many customers in a standardized way using Brainframe







TCO: Maximize Savings and more Value over Time

At Brainframe, we realize GRC-related TCO is much more than just licensing or infrastructure costs. With Brainframe, you will comprehensively address and minimize all your GRC related costs, incorporating onboarding and constant value addition while reducing your risks.



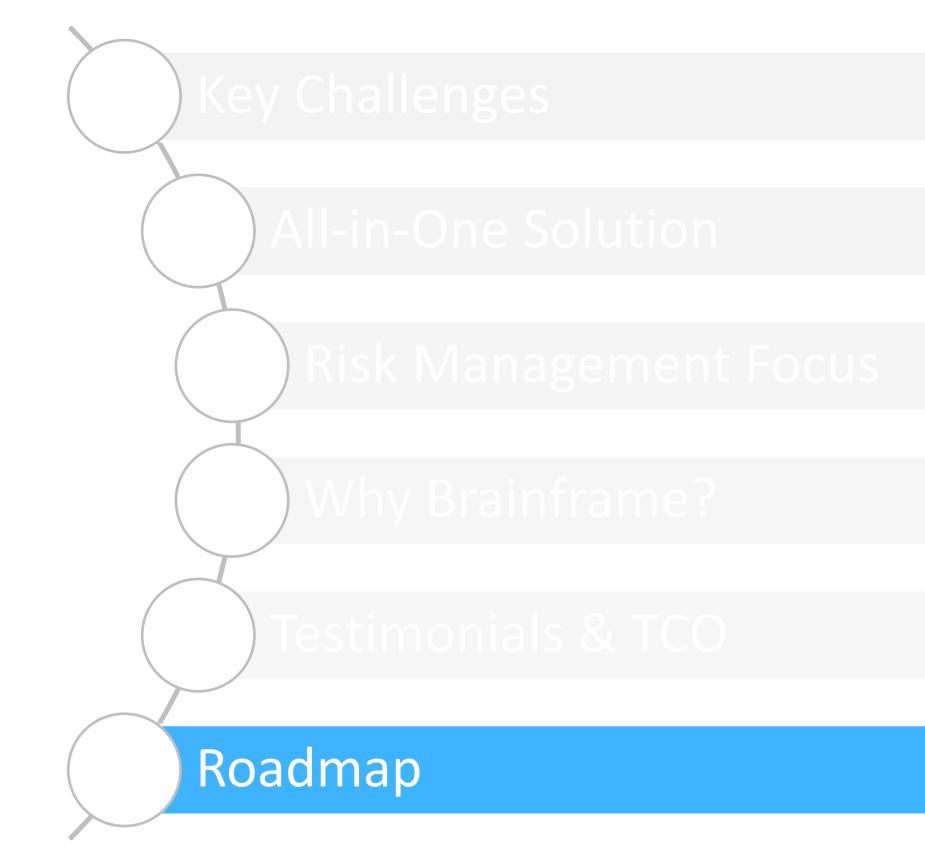
Some of the features that Brainframe implements to keep **your TCO** under control:

- Al power guiding you with best practices, document reviews, auto-documentation
- No development costs for new common features
- No hardware costs (using cloud solution for optimized infrastructure)
- No additional maintenance costs
- Just-In-Time access to specialists*
- Community driven knowledge and expertise sharing*
- Consulting & professional services for best practice onboarding
- Standardization of your compliance
- Integrated auditable trace & document storage
- Corporate Knowledge retention with constant auto-documentation •
- No additional tools are needed for GRC management

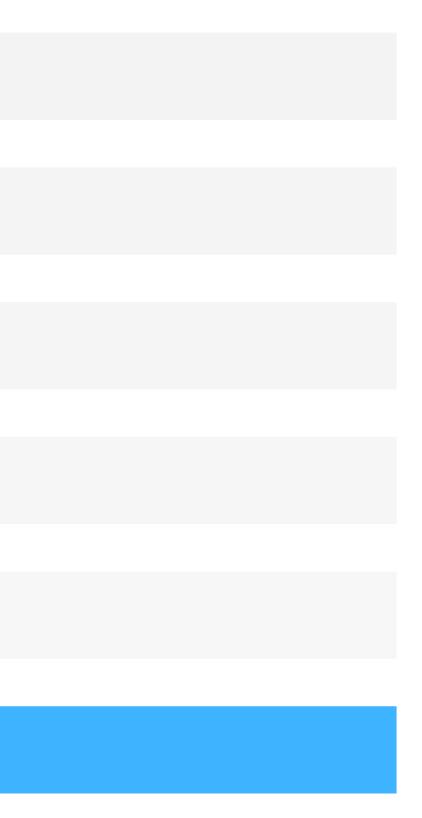




Agenda

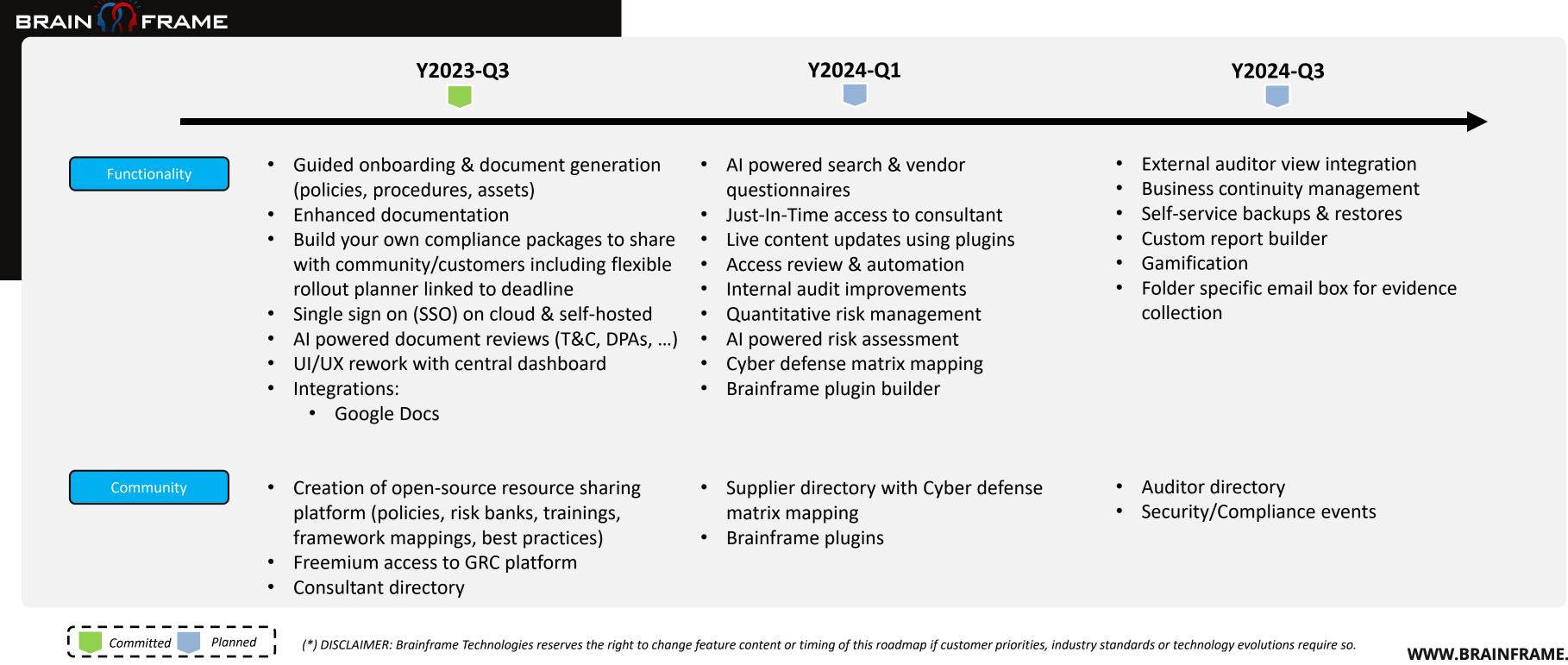






Brainframe Roadmap

You as a customer help define our roadmap by using the integrated ideas/voting system that allows us to keep focused on your needs. Weekly cloud updates are done using automated agile methods that never impact your operations. The self-hosted solution receives monthly updates including all cloud delivered improvements.





OUR CONTACTS





