

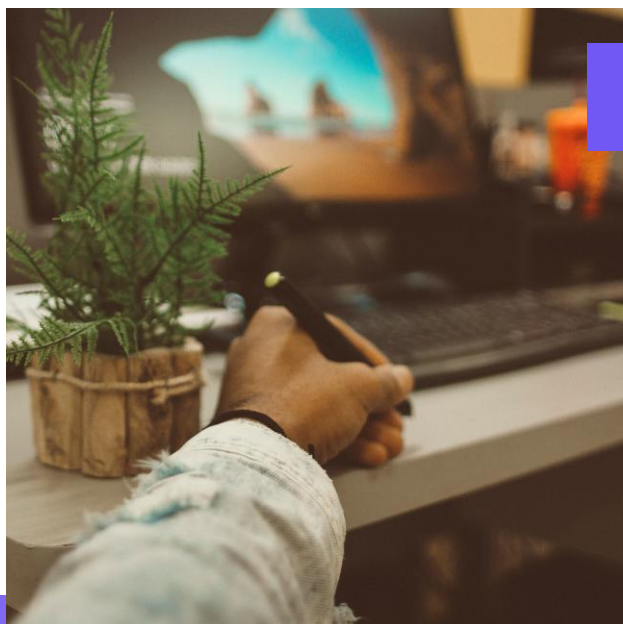


GRC & DEFEND

www.brainframe.com
Brainframe Technologies



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1 What is Brainframe

Founded in 2016

Brainframe was established in Luxembourg with a focus on delivering top-tier **CISO-as-a-Service** solutions and **Compliance expertise** and has grown to be one of the top regtech in Luxembourg focused on bringing specialists, security solutions and companies closer together through our different services.

Innovators in GRC

We officially launched **Brainframe GRC in 2022**, as a powerful governance, risk, and compliance platform built by a group of GRC specialists. Our solution is trusted by major organizations, including customers like **BDO, LuxTrust, Emile Weber, AmeXio Group, Doctena**, multiple **hospitals**, leading **financial institutions**, and **consulting firms** to streamline their compliance operations.

Close the gap

To help reduce the huge gap in specialists, we've built a network of GRC and security specialists over Europe to help companies get the right amount of help they need. With our online self-study courses, we provide easy access to education material and certifications to complement our GRC solutions.

Democratization & Excellence

Whether serving multinational enterprises or agile SME firms, Brainframe provides innovative, tailored solutions for cybersecurity and compliance management at the most cost-effective price, allowing you to spend more time on your core business,

Why Brainframe

Empowering consultants and enterprises to manage compliance, risks and resilience efficiently

GRC Consultant firms

Their challenges

- 1 **Managing multiple clients efficiently** – Up to 30% of consultancy time is lost in onboarding, task tracking, communication, task follow-up and workflow management across various customers.
- 2 **Lack of standardization & scalability** – Dispersed spreadsheets, ad-hoc templates, fragmented tools, inconsistent asset/risk documentation and evidence collection, loss of knowledge when consultants leave.
- 3 **Pressure for fast results** – Clients expect quick results when they engage in external consultancy from day one.

Small & Big Companies

Their challenges

- 1 **Talent shortage** – Many companies struggle to hire and retain compliance and security experts slowing down implementation and monitoring.
- 2 **Regulatory overload** – Evolving frameworks (ISO 27001, NIS2, DORA, GDPR, CRA, ...) create constant review and reporting pressure.
- 3 **Inefficient asset / risk / compliance tracking** – Manual spreadsheets no longer scale to meet efficiency and audit or defense-grade assurance needs

Brainframe brings structure and automation to every step of governance, risk and compliance from policy to secure code

When Brainframe

Assessment & Awareness

Customers realize the need for better security and compliance, and are looking at ways to implement regulatory requirements (ISO, NIS2, DORA, GDPR)

Implementation & Integration

Companies deploy governance, risk, and compliance (GRC) solutions, implement security controls, and integrate compliance workflows into their operations.

Certification & Ongoing Governance

Organizations undergo external audits (ISO 27001, SOC2, etc.), achieve compliance certifications, and sustain governance through continuous training and updates.

01

03

05

02

04

Success

Planning & Strategy

Organizations define security and compliance strategies, align with frameworks, and set objectives. Specialists play a key role in helping companies create structured roadmaps and save precious time.

Monitoring & Improvement

Businesses track compliance progress, conduct audits, and manage security threats proactively. Specialists assist in refining strategies and ensuring ongoing compliance where needed.

2 Service overview

1 Brainframe GRC

Our all-in-one platform for managing **Governance, Risk, and Compliance** (GRC) helps you focus on security, compliance, asset, supplier, and document management to streamline workflows, track risks, and compliance

2 Brainframe DEFEND

The all-in-one security platform that filters real impact issues to **protect your applications, code, cloud, containers, domains, APIs** and more using static/dynamic code analysis, built-in firewall, CI/CD integration, and cloud security management.

3 Brainframe LEARN

This is our education-focused initiative, where we partner with PECB to provide best value/market prices for **self-study courses in Governance, Risk, and Compliance (GRC) and technical security** to help companies work on the right things.

3

Brainframe GRC

Command, Control & Compliance

GOVERNANCE

Challenge:

Fragmented tools, slow approvals, incomplete audits, poor visibility.

Our solution:

Brainframe GRC unifies policies, approvals, and accountability in one secure environment — enabling structured governance at scale.

- Secure by design (Cloud/Self hosted)
- Come as you are
- Unified document control
- Custom approval workflows
- Stakeholder distribution
- Audit trail & dashboards
- Operational documentation & overview
- Maturity tracking
- Crisis & continuity

RISK

Challenge:

Critical assets, suppliers, and threats are managed in silos — limiting visibility into dependencies, exposure, and cascading impact.

Our solution:

Brainframe GRC delivers a unified, dynamic risk view connecting assets, suppliers, threats, and controls —proactive, data-driven risk management.

- Holistic risk landscape (assets/suppliers/depend.)
- AI-assisted insights
- Flexible risk models
- Integrated registers
- Risk based reviews & reminders
- Supplier risk management
- Threat & vulnerability inventory
- Context aware dashboards

COMPLIANCE

Challenge:

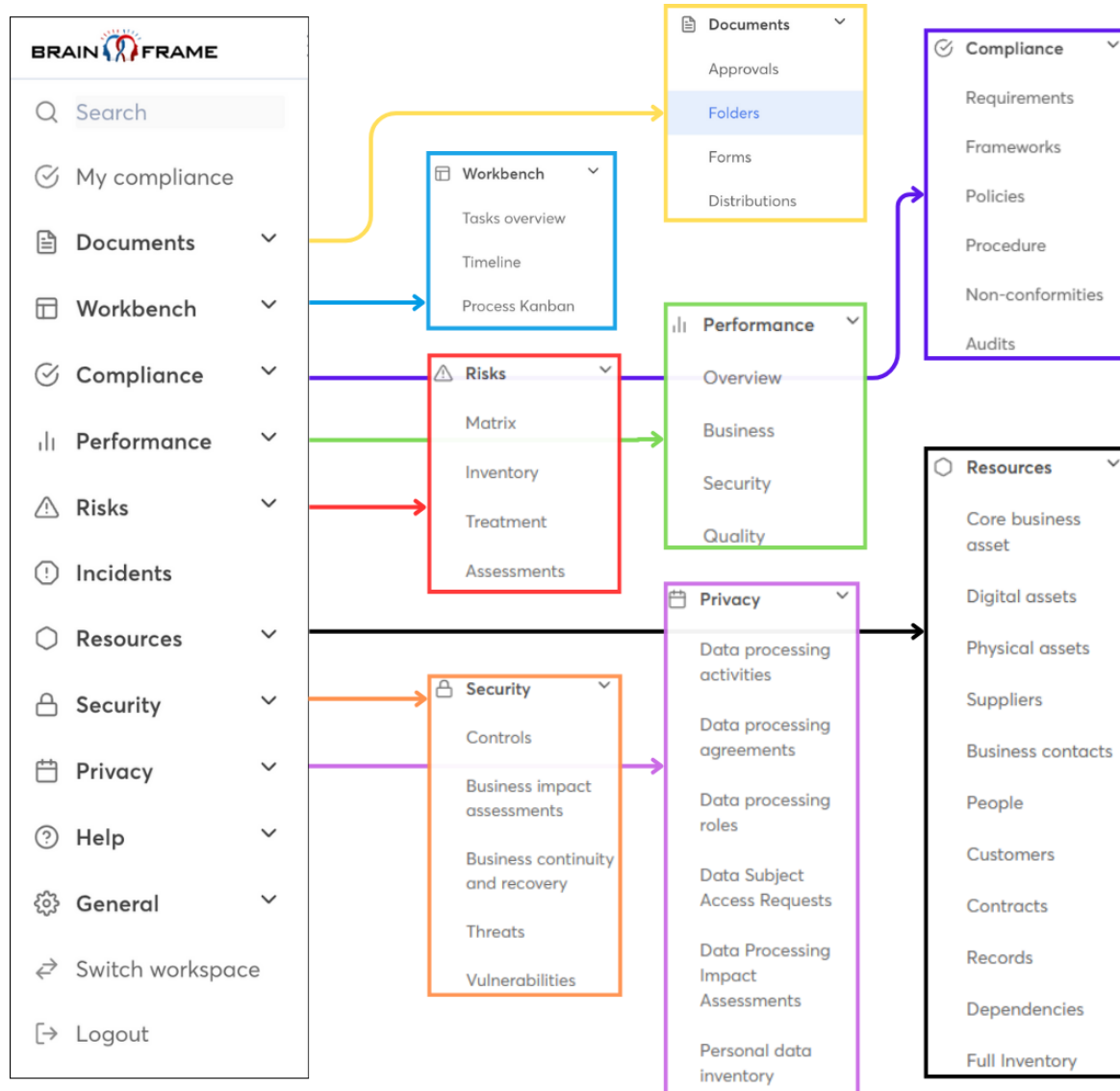
Overlapping frameworks and manual tracking create redundant work, audit fatigue, and inconsistent evidence across teams.

Our solution:

Brainframe GRC facilitates compliance mapping, evidence collection, and monitoring across multiple standards, vendors, and technologies — ensuring continuous audit readiness.

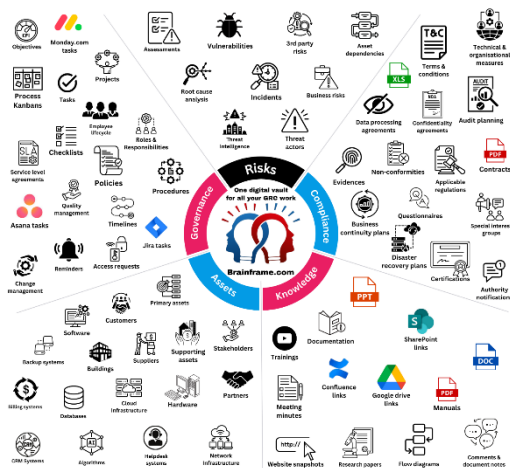
- Multi-framework coverage (+80 frameworks)
- Cross-mapped controls
- Custom frameworks (e.g. client specific)
- Third party governance
- GDPR-ready toolkit
- Legal document repository (NDAs, DPAs, ...)
- Compliance dashboards
- Easy sharing of compliance data

Brainframe GRC – All-in-one place



- 1 Collect, store and distribute documents
- 2 Tasks planning, roadmaps and process workflows
- 3 Conformity maturity tracking & audits
- 4 Performance and objective tracking (KPIs/OKRs)
- 5 Risk management and prioritization
- 6 Central incident management
- 7 Resource inventory of all that matters
- 8 Mitigations, BCP/DRP and threat landscape
- 9 Full GDPR and personal data documentation

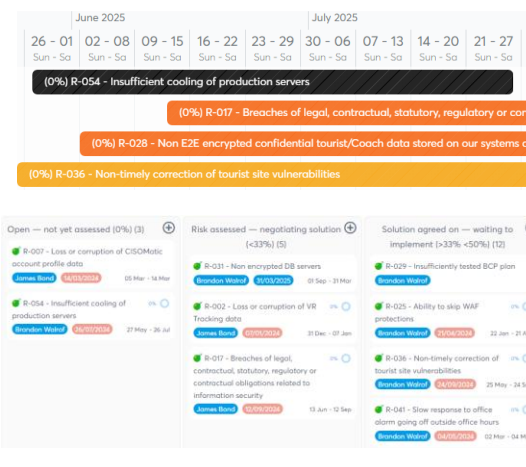
Import your existing work and augment it with online editing, context, versioning, approval workflows, document properties, customizable templates, forms, dependencies and easy distribution to staff/stakeholders.



2

Manage tasks on documents, risks, supplier and assets directly inside Brainframe, or link to your operational tools (JIRA, Asana, ...).

Translate your text processes, audits & planning into visual Kanban context aware workflows.



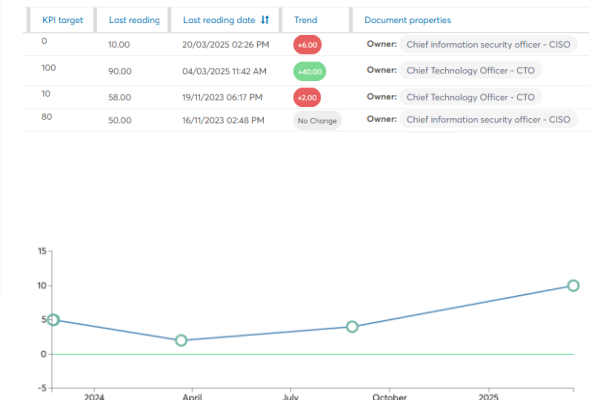
3

Simplifies mapping policies, controls, risks, and evidence to regulations or frameworks. Tracks document maturity and control effectiveness, to ensure compliance across all standards, frameworks or customer



4

Track and document your progress with evidences and fully customizable KPI measures, targets, ownership, and trends, enabling tailored monitoring of progress to align with your organizational goals.

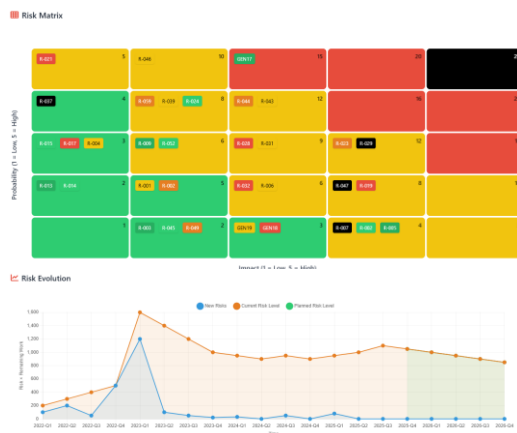


Brainframe GRC – Key modules

5

Risk management

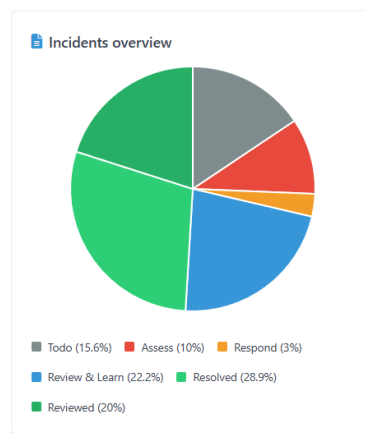
Fully customizable qualitative risk visualized to highlight priority and remaining work. Start with Simple measurement, maturing to asset and control-based mitigations, all visualized on a trend timeline to show past and future risk mitigation efforts to management.



6

Incident management

Streamline incident management using customizable forms, templates, and Kanban process workflows linked to your assets. This ensures structured handling, clear accountability, and full traceability from incident capture to resolution in one place.



7

Resource inventory

Track all critical elements - core business, digital and physical assets, suppliers, contacts, people, customers, contracts, records, and dependencies. With built-in inventory reviews, everything is organized, connected, and always up to date in one place.



8

Security management

Manage security holistically by mapping controls, assessing business impact, and ensuring continuity and recovery plans are in place. Track threats, vulnerabilities, and mitigations to maintain a resilient security posture for your organization.

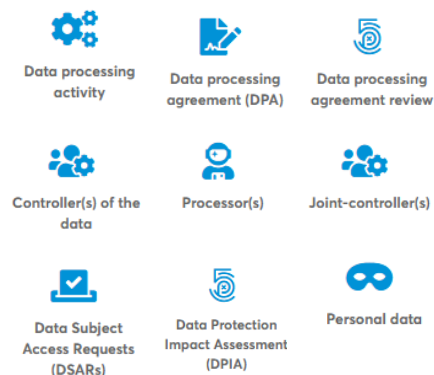


Brainframe GRC – Key modules

9

Privacy management

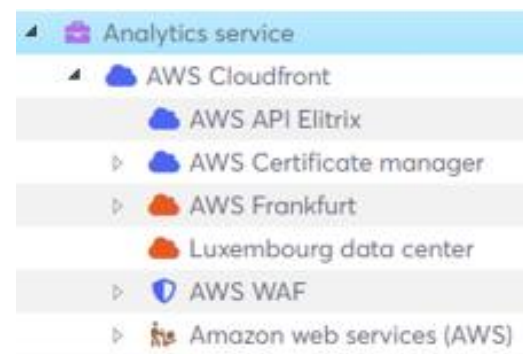
Simplify GDPR and data management by organizing processing activities, agreements, and roles. Tracks personal data inventory, manage DSARs, and document you DPIAs for full transparency, accountability, and compliance at every step,



+

Asset management

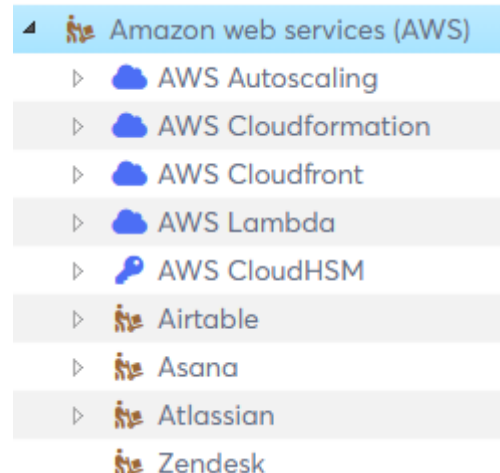
We help you document primary and supporting assets, visualize their dependencies, and manage RACI, business requirements, and associated risks, providing a full overview to work effectively.



+

Supplier management

One place for the full documentation of your due diligence, contracts, RACI, dependencies, processes, related tasks, and risks. All with the aim to give you effective vendor oversight and compliance.



+

Multi-entity

Isolate customers or company entities in dedicated workspaces with easy single place updates or content replications for global standardization and automatic knowledge retention.



Brainframe GRC – Frameworks



+80 Frameworks, regulations & standards

Keeping up with cybersecurity compliance can be a hassle, but Brainframe GRC makes it easy. We help you manage a wide range of **frameworks, regulations and industry standards**, and even let you **create your own compliance set** (e.g. customer specific or new group requirements).

Whether you're documenting evidences, securing data, handling risk, or staying audit-ready, everything stays organized in one place.

Brainframe gives you the wings you deserve, both Self hosted or in our cloud!

www.brainframe.com/frameworks



4

Brainframe DEFEND - Overview

01

Secure your code

Protect your code by identifying vulnerabilities early with static code analysis and real-time monitoring, ensuring secure and compliant code throughout its lifecycle.

02

Secure your infrastructure

Monitor and secure your cloud infrastructure with automated scans for misconfigurations, outdated systems or containers, and access-right risks, ensuring compliance and robust protection.

03

Secure your application

Defend your application at every stage with layered protection, including code analysis, quality, real-time monitoring, and built-in firewalls to mitigate threats and vulnerabilities.

Reducing false positives by +85%



n8n

NIANTIC

EIGHT SLEEP

MONTBLANC

Laravel

SOUNDCLOUD

Trusted by 25k+ orgs | Loved by 100k+ devs | 102+ badges | ★★★★★ 4.7/5

Handshake

Transcom

APHERIS

LexisNexis

VISMA

GoCardless

Brainframe DEFEND - All in one

Secure everything you build, host, and run with Defend.

Code (ASPM)



AI Autofix

Static Code Analysis (SAST)



Secrets Detection



Malware



AI Autofix

Infrastructure as Code



Code Quality

Containers



AI Autofix

Open Source
Dependencies (SCA)



Open Source License Risks



Outdated Software

Cloud (CSPM)



Cloud Posture Management



Agentless Virtual
Machine Scanning



Cloud Search



Container & K8s
Runtime Scanning

Coming Soon

Test (Domains & API)



Authenticated DAST



API Discovery & Fuzzing



Agentic AI Pentesting

Coming Soon

Defend



zen

In-app firewall for runtime
peace of mind.

Capabilities

- Protection / Firewall
- Block Zero-Day Vulnerabilities
- Auto-generate Swagger Docs
- Rate Limiting, IP and Geo Fencing
- API Discovery



Compliance controls

All-in-one

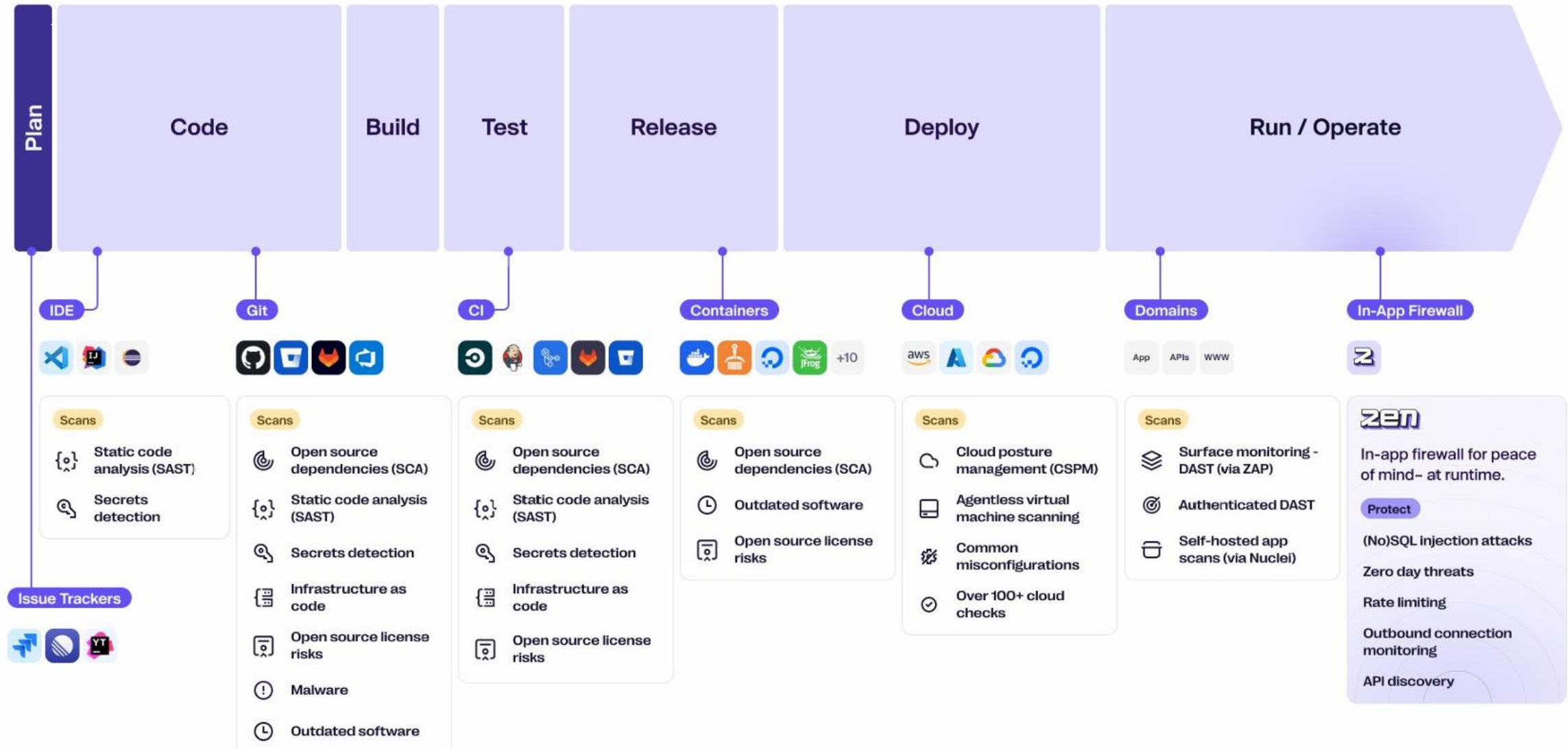
Non-sneaky pricing

Slack & Teams support

85% noise reduction

Brainframe DEFEND - Integrate into your SDLC

Secure every phase of your Software Development Lifecycle (SDLC) with an integrated approach that covers planning, coding, building, testing, releasing, deploying, and runtime operations.



Brainframe DEFEND - Be where the developer is

With Defend, you meet developers in their workflow



Git

GitHub, GitLab (Cloud & Self-Managed), Bitbucket, Azure DevOps Repos.



Cloud

AWS, Google Cloud, Microsoft Azure, DigitalOcean



Containers / Registries

AWS ECR, GCP Artifact Registry, Azure Container Registry, Docker Hub, GitHub Container Registry, GitLab Container Registry, Harbor, JFrog Artifactory, Nexus, Quay, Cloudsmith, DigitalOcean Container Registry, Scaleway, Root.



CI/CD

GitHub Actions, GitLab CI/CD, Jenkins, CircleCI, Azure Pipelines, Bitbucket Pipelines



IDE

Visual Studio Code, all JetBrains IDEs (IntelliJ IDEA, PyCharm, GoLand, Rider, PhpStorm), Android Studio, Cursor, Windsurf.



Issue Trackers

Jira (Cloud & Data Center), Azure Boards, GitHub Issues, GitLab Issues, Linear, monday.com, JetBrains YouTrack, Asana, ClickUp.




Instant Messaging (IM)

Slack (notifications + weekly status), Microsoft Teams.

Brainframe DEFEND - Intuitive overview of what truly matters

One sleek dashboard with all the information you need in one place (vulnerabilities, misconfigurations, ...)


[Starter plan](#)

Mindmeld AI



Feed
 Snoozed
 Ignored 99+
 Solved 99+

AutoFix

Repositories 4
Containers 8
Clouds 1
Domains & APIs 1
Zen Firewall 3


Integrations
Reports

Hello, Amber!


[Support](#)
[Docs](#)


999


• 99 Critical
 • 99 High
 • 23 Medium
 • 12 Low



16 issues solved
up from 12 last month


+


18 new issues
in the last month










45 auto triaged issues
in the last month

All types


 Filtered to critical


 Refresh

Type	Name	Severity	Location	Age	Status	Assignee	
	Django - Old version allo	Critical	poetry.lock	20 h	New		
	Load balancer allows inv in alb.tf and ecs.tf	High	Production	5 h	To Do		
	GCP api key secret expo in billing.yaml	High	marketing.py	2 m	PR Open	Bert	
	Using Pickle can lead to remote code execution in data_processor.py	High		10 d	PR Open	Bert	
	Outdated MySQL version is no longer supported in Dockerfile	Medium	docker image	3 d	PR Open	Roeland	
	Subdomain at risk of takeover help.domain.com	Medium		15 d	Task Open	Roeland	
	Root account should have MFA enabled	Medium	Staging	2 m	Task Open	Amber	

Brainframe DEFEND - Automated vulnerability fixing

Save time with pull requests from [best-in-class LLMs, rigorously vetted by Defend](#). Preview the proposed solution and generate a PR with a single click and integrated into the IDE. Get the benefits of AI while staying in control.

Container running as ...

High Confidence

Create PR

<input type="checkbox"/>	Filename	Severity	Status
<input type="checkbox"/>	scenarios/health-check/deployment-kind.yaml	High	
<input type="checkbox"/>	scenarios/health-check/deployment.yaml	High	
<input type="checkbox"/>	scenarios/build-code/deployment.yaml	High	
<input type="checkbox"/>	scenarios/docker-bench-security/deployment.yaml	High	
<input type="checkbox"/>	scenarios/hunger-check/deployment.yaml	High	

Update to v 1.5.6
Fixes 12 issues (5 high)

Pin to latest
Fixes 1 issues

Dockerfile.bff

```
1 - FROM debian:bookworm
1 + FROM docker.aikido.io/d31cf12
2 2
3 3 RUN apt-get
4 4
```

Use hardened image
Fixes 75 issues (5 high)

```
1 + <script src="https://
2 cdn.polyfill.io/v2/polyfill.min.js?
3 features=IntersectionObserver">/
4 script>
```

aikido-pr-checks bot

Serving JS code from a malicious domain
Aikido found references to a malicious domain (e.g. polyfill[.]io, bootcss[.]net). The domains are owned by an entity known for serving malicious code.
Remediation: Remove any references to the malicious domain.
[View details in Aikido Security](#)

Reply...

Resolve conversation

```
1 app.post('/products', function (req, res) : void {
2   db.query(
3     'SELECT * FROM
4     Products WHERE name LIKE ' +
5     req.body.product_name
6   );
7 })
```

Potential SQL injection via string-based query concatenation.
[View Problem \(~F8\)](#) No quick fixes available

Brainframe DEFEND - Cloud misconfigurations and vulnerabilities

Cloud Security Posture Management gives you a context-aware risk scoring with instant visibility into your cloud security

Issue Types

- Open-source Dependencies
- SAST
- Infrastructure As Code
- Exposed Secrets
- DAST / Surface Monitoring
- Cloud Configurations**
- Container Images
- Virtual Machines
- Mobile Issues
- Malware Issues
- End-of-life Runtimes
- Access Controls
- License Issues

61

2 Critical

✓

+

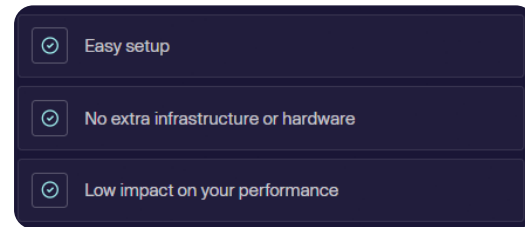
310 auto ignored

460 hours saved

Type	Name	Severity	Status	Assignee
	EC2 instances vulnerable to log4shell	Critical	Task Open	Andrei
	Functions exposed to the internet with admin permissions	High	To Do	Andrei

Brainframe DEFEND - In-App Zen - Agentless firewall

Automatically block critical injection attacks, set rate limiting for APIs, auto-create Swagger docs based on real traffic...



Event	Severity	Event Date
	Critical	6h ago
	Critical	14h ago
	Critical	4d ago
	Medium	14d ago

ID	Last IP address	Severity	Event Date
		Active	2w ago
		Active	2w ago
		Blocked	2w ago
		Active	2w ago



	Zen	Cloudflare WAF
Privacy	Privacy matters, no 3rd party key access	3rd party requires access to your private keys
Results	Minimal false positives/negatives	More false positive/negatives
Rate limiting	User-aware rate limiting	IP-based rate limiting only
Performance	Negligible impact	+100ms latency
Installation	One command, installed in seconds	Complex initial setup
Maintenance	No rule updates	Needs constant updates
Triage	Helps prioritize vulnerabilities (in Aikido)	No prioritization or risk feedback
Costs	Open Source, included in Aikido	Closed source, costs increase fast
Blocking	Configurable	Generic

Brainframe DEFEND - Code quality

Instant PR feedback. Review smarter. Merge faster. We built AI-native code quality, because devs deserve better.

Performance
`await inside Promise.all`
Inner `await` serializes work. Remove inner `await` to parallelize.

Logic bug
Incorrect Conditional Check
Condition always evaluates to true `--` due to instead of `---`. Use `---` to avoid accidental assignments.

Edge case
Division by zero
`count` can be `0`. Add guard: `if (count !== 0) return 0`

Style
Magic number in logic
Replace `42` with named constant `e.g., MAX_RETRIES` for clarity and reuse.

Default Custom Code Context Add Custom Code Rule

Category	Title	Language	Protected Repos	Active
Logic Bugs	Remove debugging and temporary code before commits Code that bypasses logic, outputs debug info, or stops execution for debugging was likely left behind accidentally during development.	39 languages	77 Repos	
Security	Detect potentially malicious code patterns Code should be transparent in its intent. Deliberate obfuscation is not allowed.	39 languages	77 Repos	
Security	Prevent common segmentation fault patterns Segmentation faults occur when accessing memory, or accessing freed memory.	-	-	
Bug Risk	Release locks even on exception paths Every lock acquisition must have a guarantee of release.	C# +6	77 Repos	
Readability	Don't place assignments inside conditionals Mixing assignment and condition logic makes code hard to read.	+2	77 Repos	
Readability	Handle errors in catch blocks Empty catch blocks silently swallow errors, making debugging difficult.	languages	77 Repos	
Readability	Guard against slow regular expressions Regular expressions with nested quantifiers or ambiguous patterns can cause catastrophic backtracking and performance issues.	39 languages	-	
Readability	Avoid deep nesting levels Deep nesting makes code hard to read and understand.	39 languages	77 Repos	


Create worst_js_ever.js 3 comments View PR
about-code-quality


```
worst_js_ever.js
23  if (current_val > a * b) {
```


Avoid deep nesting levels
I see you're optimizing for confusion. Four levels of nested if/else statements because apparently making your teammates question their career choices is the goal here. (Roast Mode 🔥)

Brainframe DEFEND - Audit reports & automated controls


Know where you stand on the technical vulnerability management controls for your compliance certification. Share your security reports with your leads in just a few clicks, so you can get through security reviews faster.



Security Audit Reports
 Share PDF-based security audit reports with customers to assist your sales team in closing deals.


Trend Over Time
 View the evolution of open issues over time with a nice graph



Activity Log
 Use the activity log to find out who or what caused an action inside of Aikido.


Open source



Licenses & SBOM
 Aikido identifies the potential risks related to open-source licenses. Additionally, export all license data to an SBOM or CSV.



Malware
 Aikido checks for malware in your software


Compliance



Issues Outside of SLA



ISO 27001:2022 Compliance



SOC2 Compliance



OWASP Top 10 compliance



CIS Compliance



NIS2 Compliance


PCI Compliance







HIPAA Compliance


HITRUST LVL3 Compliance


ENS Compliance


GDPR

A.8.2 - Privileged access rights
80%

Type	Has checks in place for enforcing permissions	Status
	S3 Buckets have strict write access permissions	complying
	Privileged IAM users have strict access permissions	See open issues failing
	Lambda functions have strict access permissions	complying
	EC2 instances have minimal execution roles	complying
	Elastic Beanstalk environments have strict access permissions	complying

Brainframe GRC & DEFEND?



Brainframe DEFEND delivers automated control checks across your developer tools and cloud stack, giving you continuous assurance that technical safeguards are in place. Brainframe GRC takes you further — unifying multi-framework manual controls, asset and document management, risk management, and KPI tracking into a single platform. Together, they bridge the gap between automation and governance, letting you prove compliance, manage risks, and scale trust with confidence.

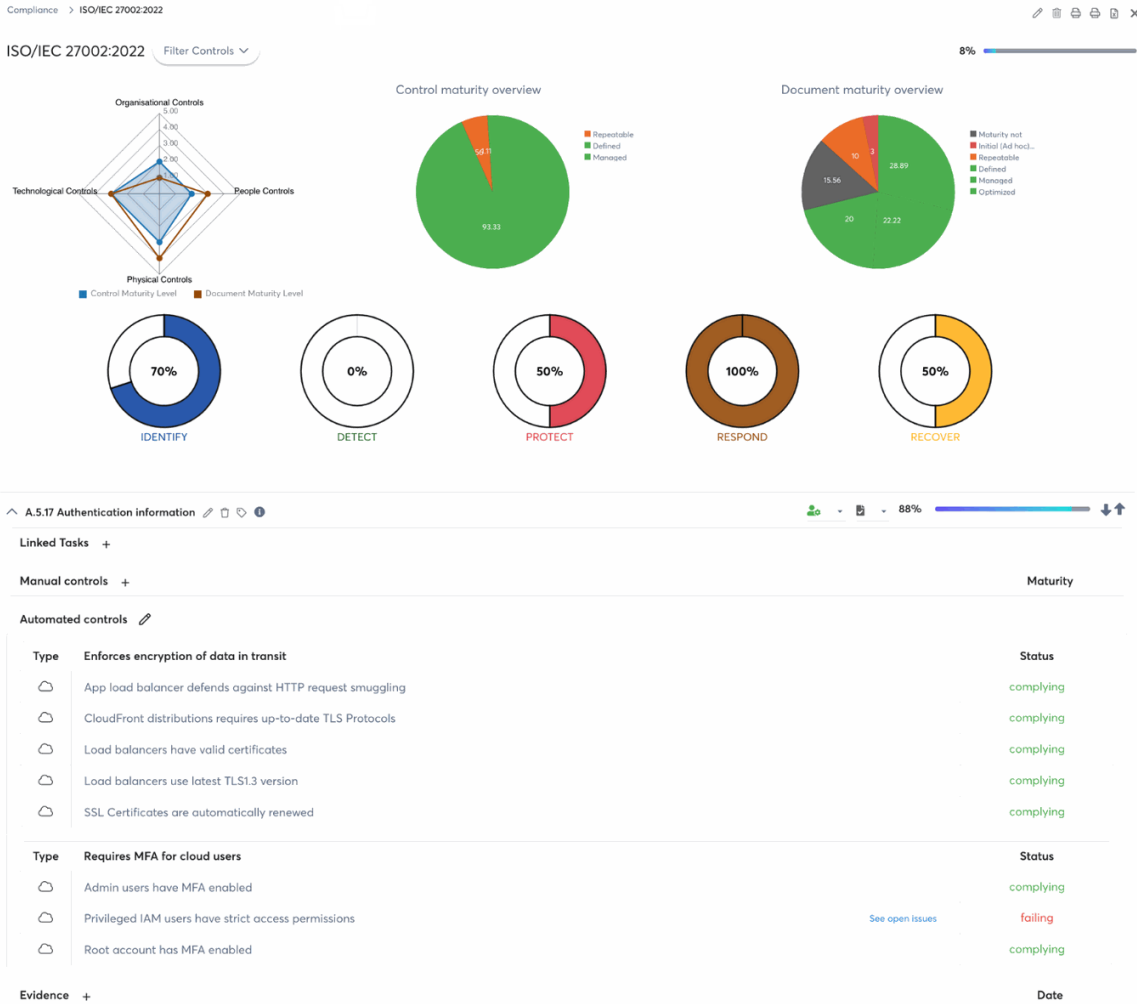
- 1

Central full maturity view
- 2

Automated control synchronisation
- 3

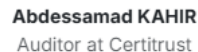
Focus on what is important
- 4

Local contact person/support



Brainframe GRC is one of the most complete solution I've seen during the many years as an auditor.

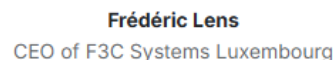
It gives you great visibility and allows companies to show full ownership of their information security management system.



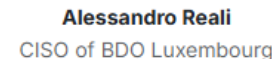
The perfect system to manage the information security management system of a bank thanks to its flexibility and completeness with all in one place



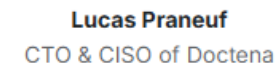
Thanks to Brainframe
GRC we were able to
certify our company in
only 3 months!



The way Brainframe GRC allows us to digitalize and centralize all our GRC work in one place is essential to my work as a CISO. It allowed BDO to get ISO27001 certified in less than a year!



Brainframe GRC enabled Doctena to achieve ISO 27001 certification in under a year. Combined with the Defend application security, it gives me a complete overview on what is important to secure our systems.



We are looking forward to start



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