



GR&C & 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)

01

Implementation & Integration

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

03

Certification & Ongoing Governance

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

05

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.

02

Monitoring & Improvement

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

Success 

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 trial & 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

Brainframe GRC – Key modules

1

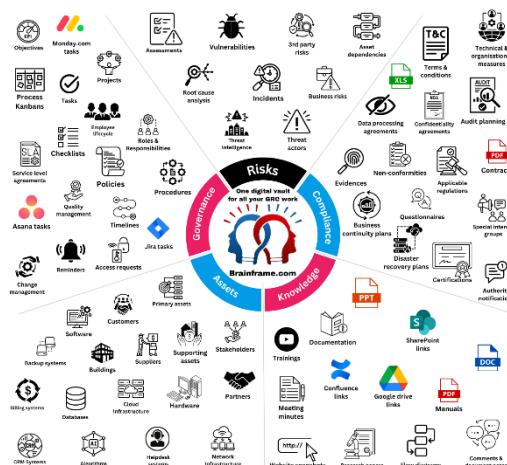
2

3

4

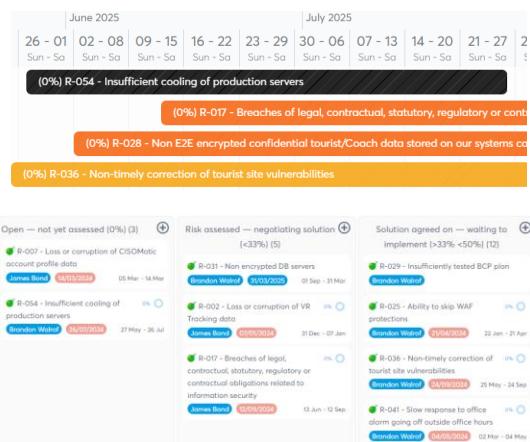
Document management

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.



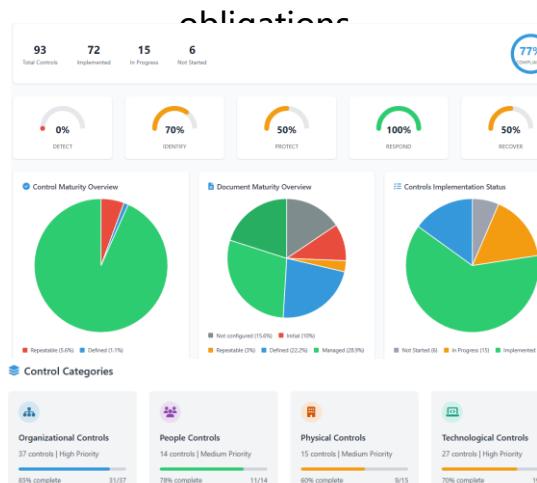
Work management

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.



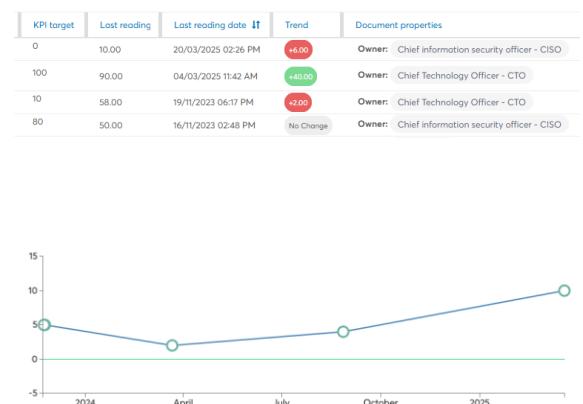
Compliance management

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



Performance tracking

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

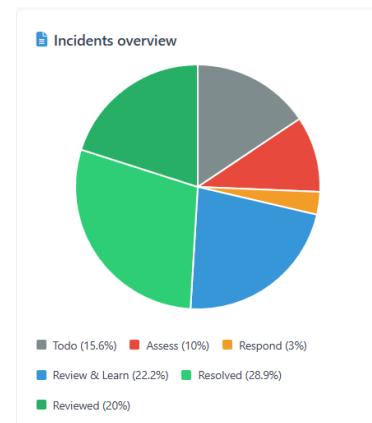
Fully customizable qualitative risk visualized to highlight priority and remaining work. Start with Simple measurement, maturing to asset and control-based mitigations, all visualized on a trend timeline to show past and future risk mitigation efforts to management.



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.

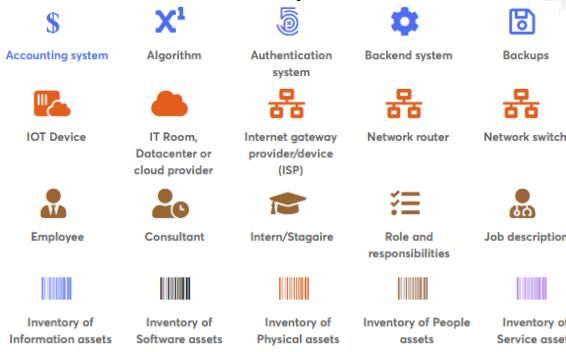


7

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 your DPIAs for full transparency, accountability, and compliance at every step,



Data processing activity



Data processing agreement (DPA)



Data processing agreement review



Controller(s) of the data



Processor(s)



Joint-controller(s)



Data Subject Access Requests (DSARs)



Data Protection Impact Assessment (DPIA)

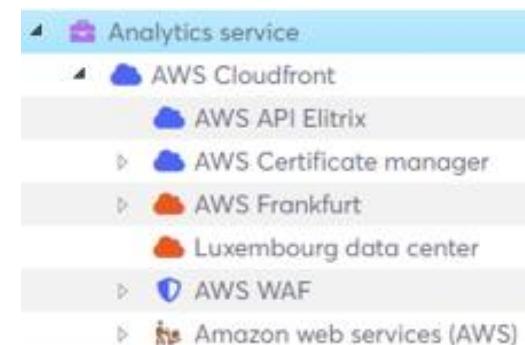


Personal data

+

Asset management

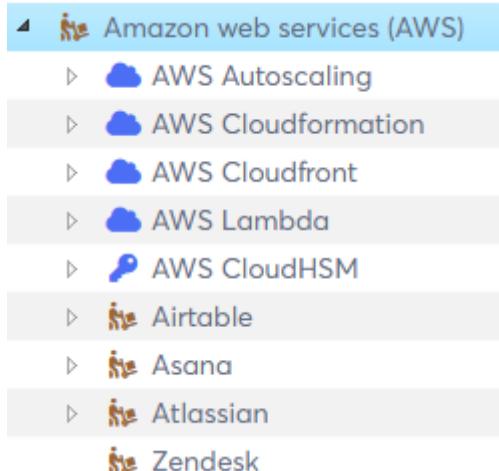
We help you document primary and supporting assets, visualize their dependencies, and manage RACI, business requirements, and associated risks, providing a full overview to work effectively.



+

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.



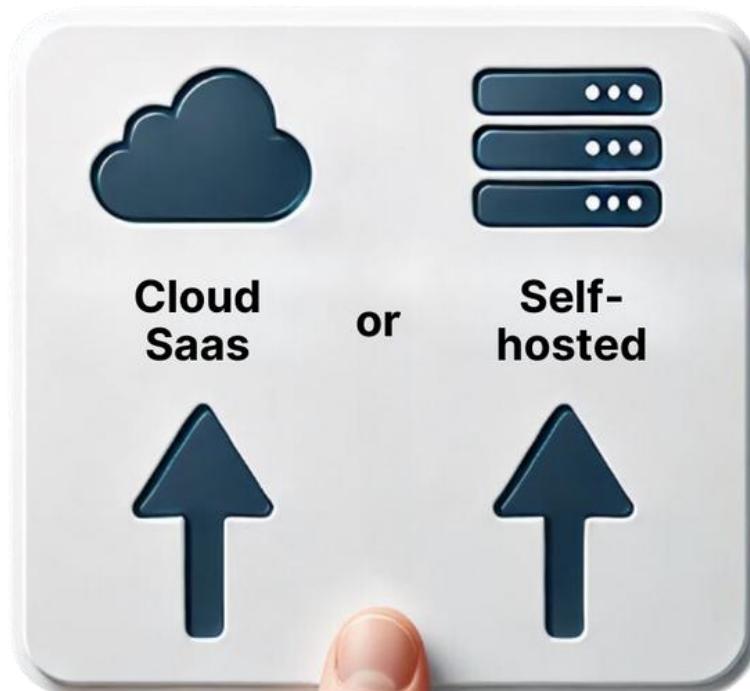
+

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



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.

01

Secure your code

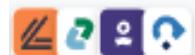
Protect your code by identifying vulnerabilities early with static code analysis and real-time monitoring, ensuring secure and compliant code throughout its lifecycle.

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.

Reducing false positives by +85%



Trusted by 25k+ orgs

Loved by 100k+ devs

102+ badges

4.7/5

n8n

NIANTIC

EIGHT
SLEEPMONT
BLANC

Laravel

SOUNDCLOUD

Handshake

Transcom

APHÉRIS

LexisNexis

VISMA

GoCardless

Brainframe DEFEND - All in one

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

Code (ASPM)



Static Code Analysis (SAST)



Secrets Detection



Malware



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



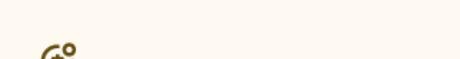
Cloud Search



Container & K8s Runtime Scanning



Test (Domains & API)



Authenticated DAST



API Discovery & Fuzzing



Agentic AI Pentesting

Coming Soon



Defend



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

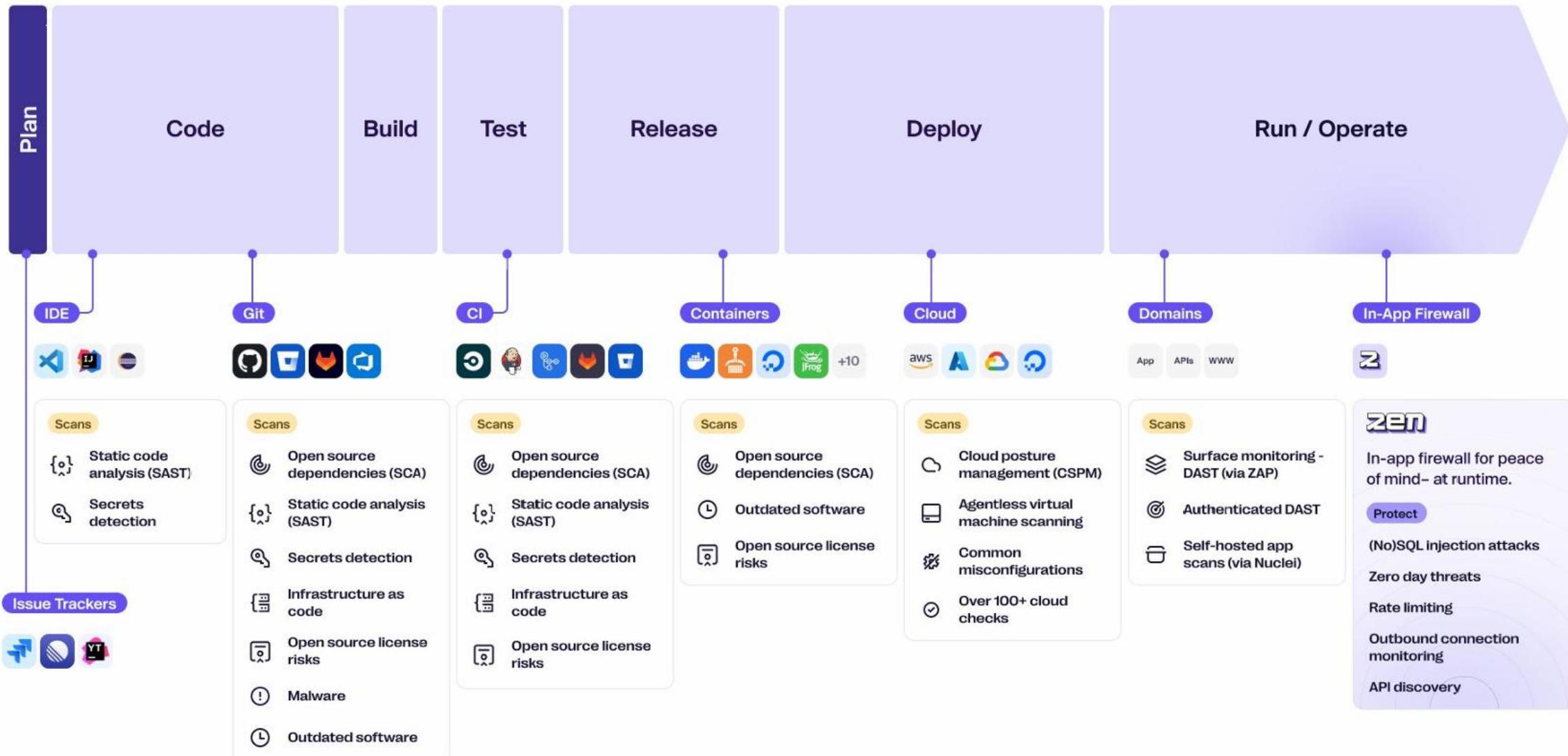
Non-sneaky pricing

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, ...)

Hello, Amber!

999

- 99 Critical
- 23 Medium
- 99 High
- 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

Search: All types: Refresh:

Type	Name	Severity	Location	Age	Status	Assignee	⋮
	Django - Old version allows /	Critical	poetry.lock	20 h	New		
	Load balancer allows invocation in alb.tf and ecs.tf	High	Production	5 h	To Do		
	GCP api key secret exposed 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	

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

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

Update to v 1.5.6 Fixes 12 issues (5 high) Pin to latest Fixes 1 issues

Dockerfile.bff

```
1 - FROM debian:bookworm
2 +
3 RUN apt-get update
4 + <script src="https://cdn.polyfill.io/v2/polyfill.min.js?features=IntersectionObserver"/>
5 <script>
```

Use hardened image Fixes 75 issues (5 high)

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

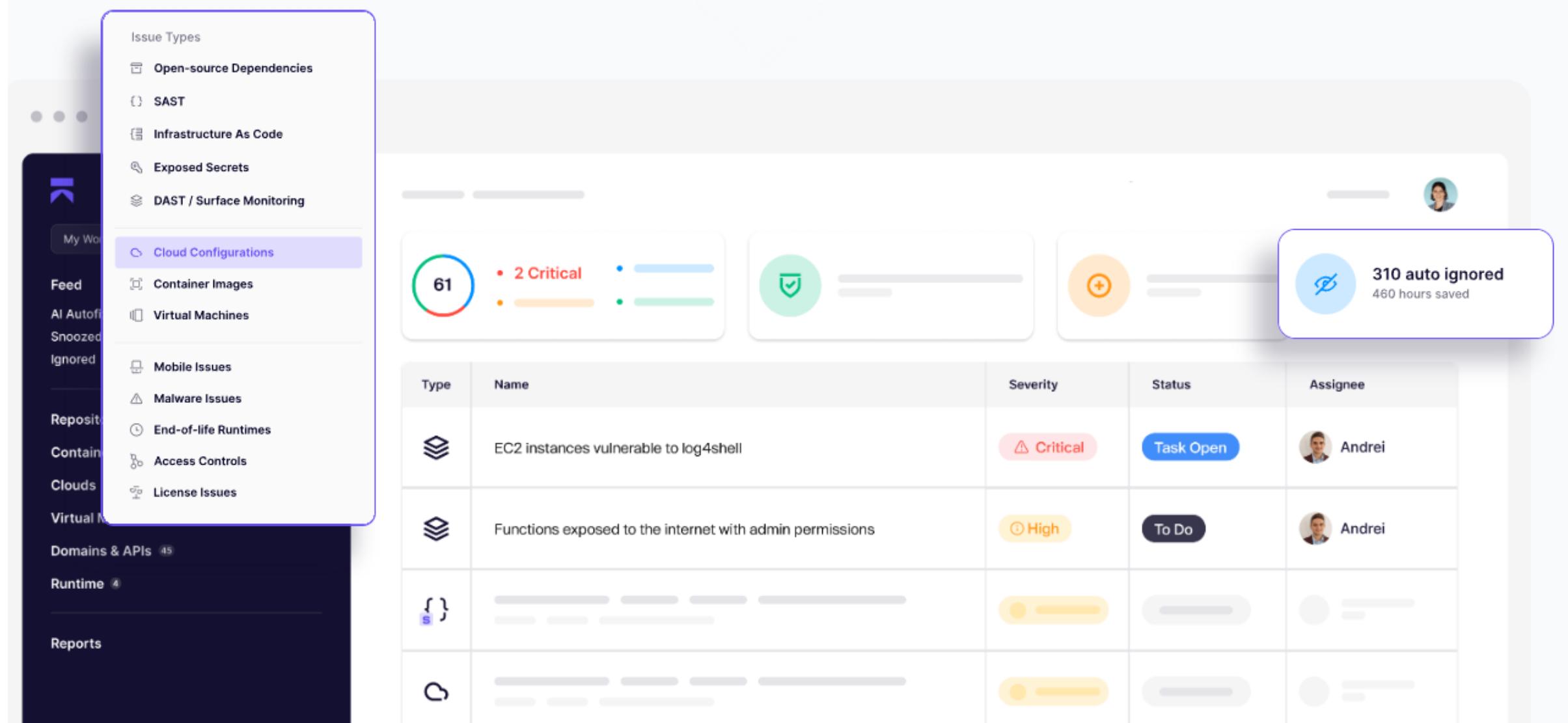
```
1 app.post('/products', function (req, res) {
2   db.query(
3     'SELECT * FROM
4     Products WHERE name LIKE ' +
5     req.body.product_name
6   );
7 })
```

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

EC2 instances vulnerable to log4shell

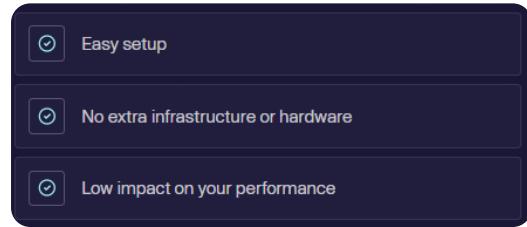
Functions exposed to the internet with admin permissions

310 auto ignored
460 hours saved

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

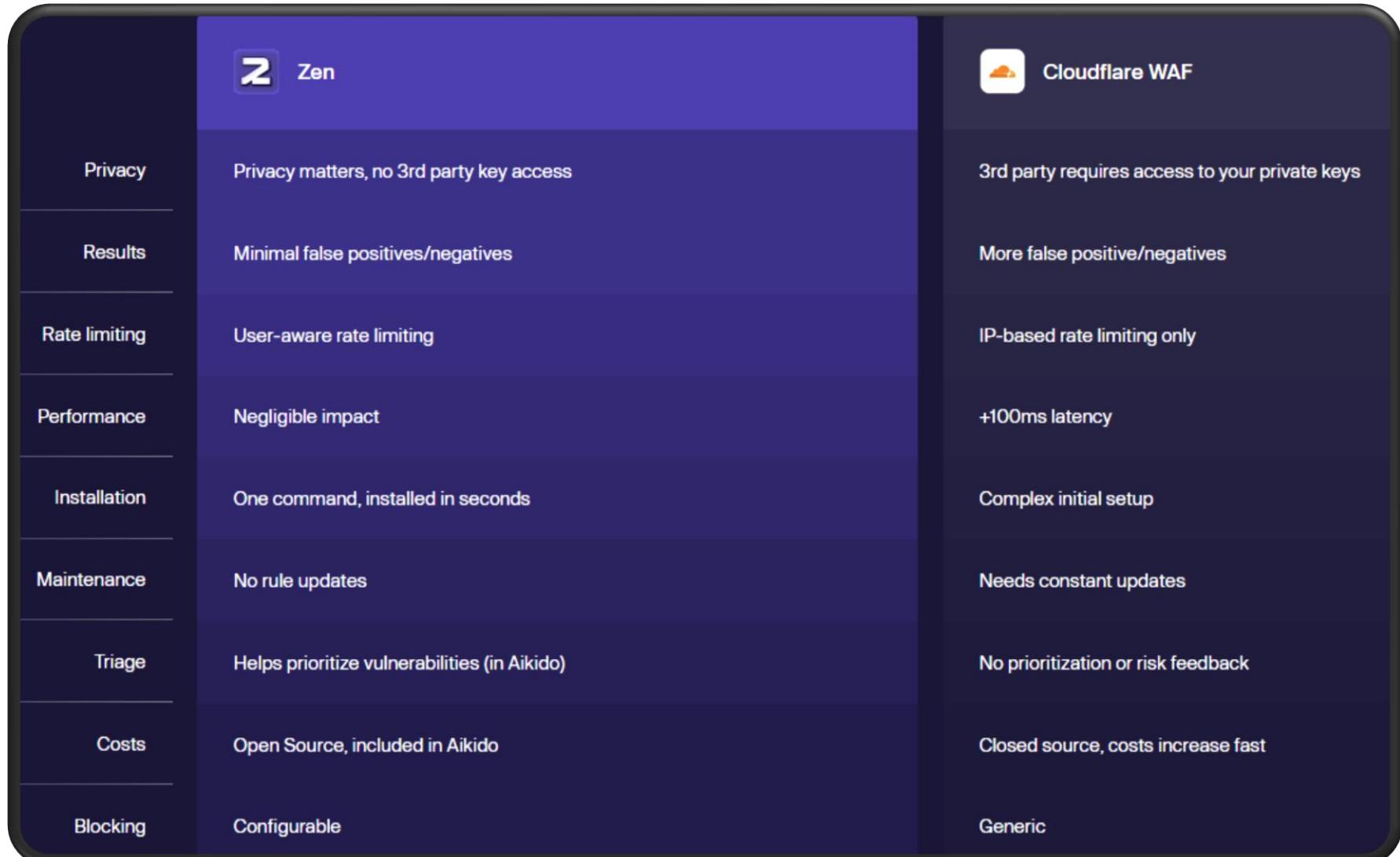
Brainframe DEFEND - In-App Zen - Agentless firewall

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



Category	Brainframe DEFEND (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.

Search 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	<input checked="" type="checkbox"/>
Security	Detect potentially malicious code patterns Code should be transparent in its intent. Deliberately obfuscating code is a red flag.	39 languages	77 Repos	<input checked="" type="checkbox"/>
Security	Prevent common segmentation fault patterns Segmentation faults occur when accessing memory, or accessing freed memory.	-	-	<input type="checkbox"/>
Bug Risk	Release locks even on exception paths Every lock acquisition must have a guarantee.	C# +6	77 Repos	<input checked="" type="checkbox"/>
Readability	Don't place assignments inside conditionals Mixing assignment and condition logic makes code hard to read.	+2	77 Repos	<input checked="" type="checkbox"/>
Readability	Handle errors in catch blocks Empty catch blocks silently swallow errors, making them hard to find.	39 languages	77 Repos	<input checked="" type="checkbox"/>
Readability	Guard against slow regular expressions Regular expressions with nested quantifiers or ambiguous patterns can cause catastrophic backtracking and performance issues.	-	-	<input type="checkbox"/>
Readability	Avoid deep nesting levels Deep nesting makes code hard to read and understand.	39 languages	77 Repos	<input checked="" type="checkbox"/>

Create `worst_js_ever.js` 3 comments

`worst_js_ever.js`

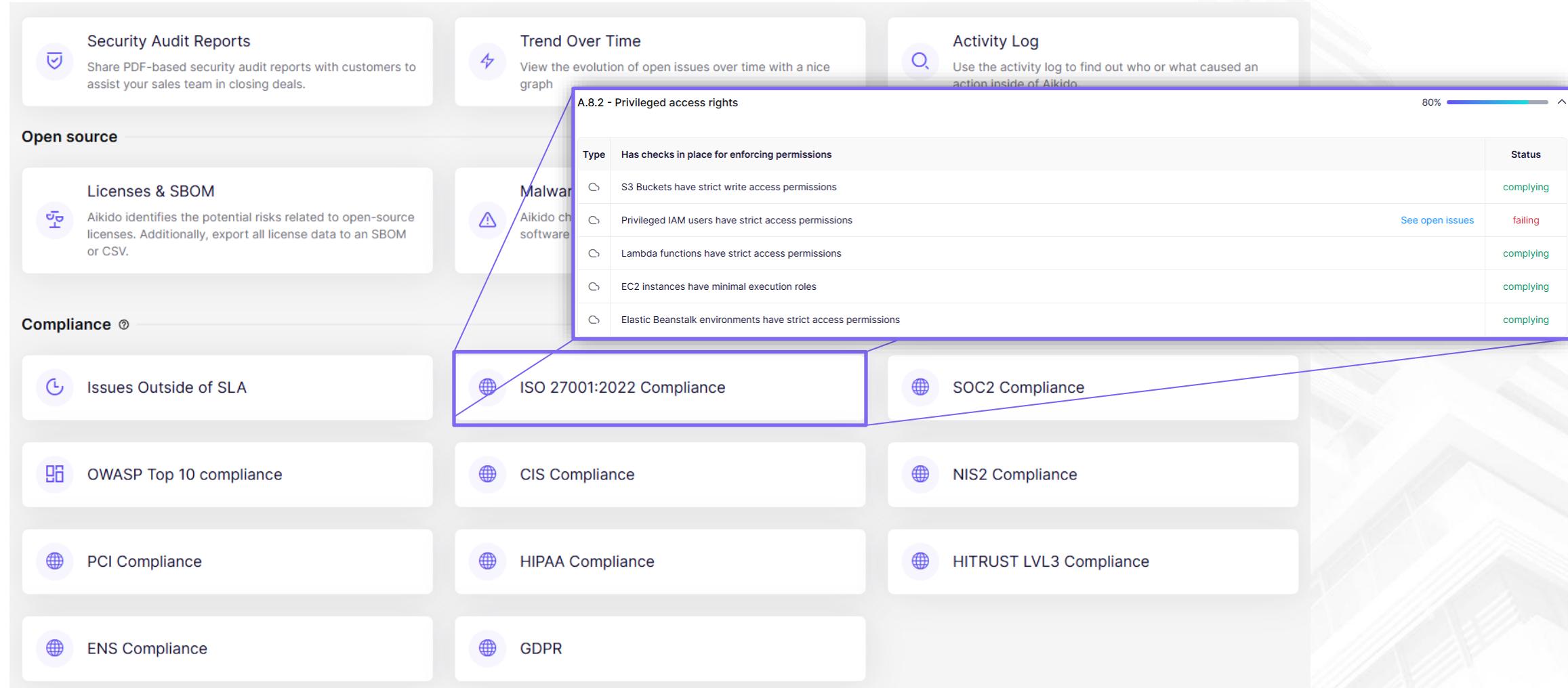
```
23 if (current_val > a * b) {
```

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 🔥)

Avoid deep nesting levels
Deep nesting makes code hard to read and understand.

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.



The screenshot displays the Brainframe DEFEND platform interface, featuring a central dashboard with various audit and compliance modules. A large callout box highlights the 'A.8.2 - Privileged access rights' section of the 'Trend Over Time' report, which is part of the 'Audit Reports' module. The interface includes sections for 'Open source' (Licenses & SBOM), 'Compliance' (ISO 27001:2022 Compliance, SOC2 Compliance, etc.), and 'Automated Controls' (Security Audit Reports, Trend Over Time, Activity Log). A 'Malware' alert is visible on the left.

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.

A.8.2 - Privileged access rights

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

Open source

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

Compliance

ISO 27001:2022 Compliance

SOC2 Compliance

CIS Compliance

HIPAA Compliance

NIS2 Compliance

HITRUST LVL3 Compliance

PCI Compliance

OWASP Top 10 compliance

ENS Compliance

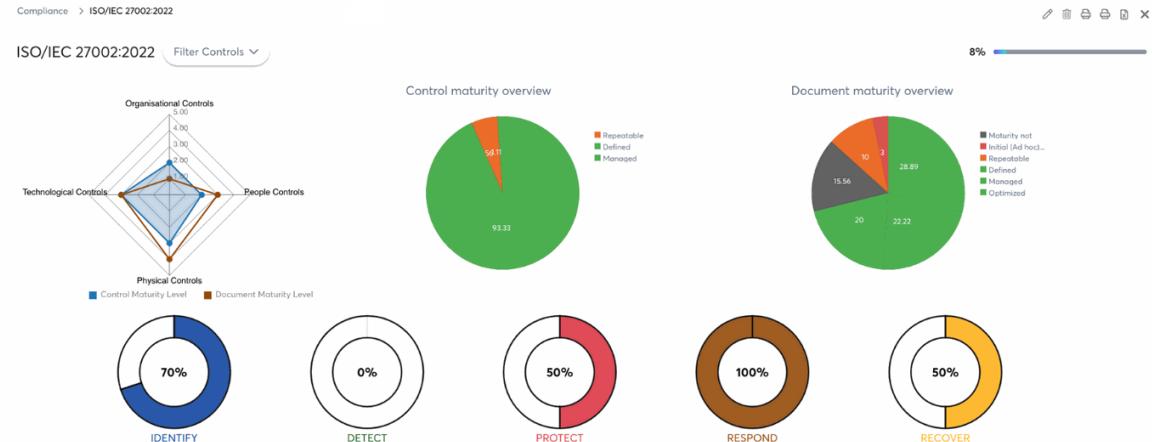
GDPR

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.

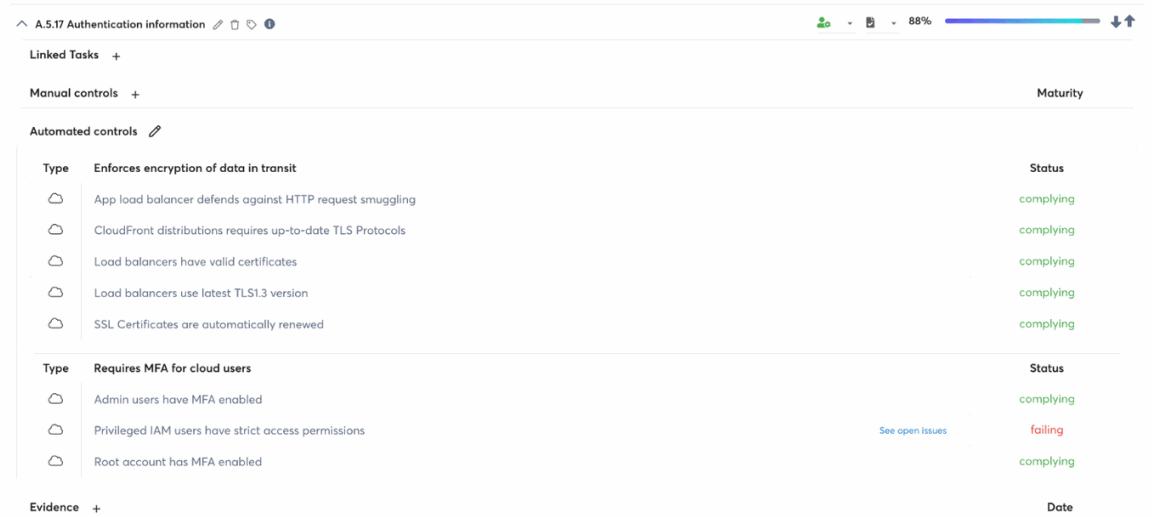
1

Central full maturity view



2

Automated control synchronisation



3

Focus on what is important

4

Local contact person/support

Testimonials

“
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.



Abdessamad KAHIR
Auditor at Certitrust

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



Jean-Yves Mathieu
Ex CISO of Natixis and BIL Luxembourg

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



Frédéric Lens
CEO of F3C Systems Luxembourg

“
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!



Alessandro Reali
CISO of BDO Luxembourg

“
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.



Lucas Praneuf
CTO & CISO of Doctena





We are looking forward to start



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<https://www.linkedin.com/company/brainframecom>