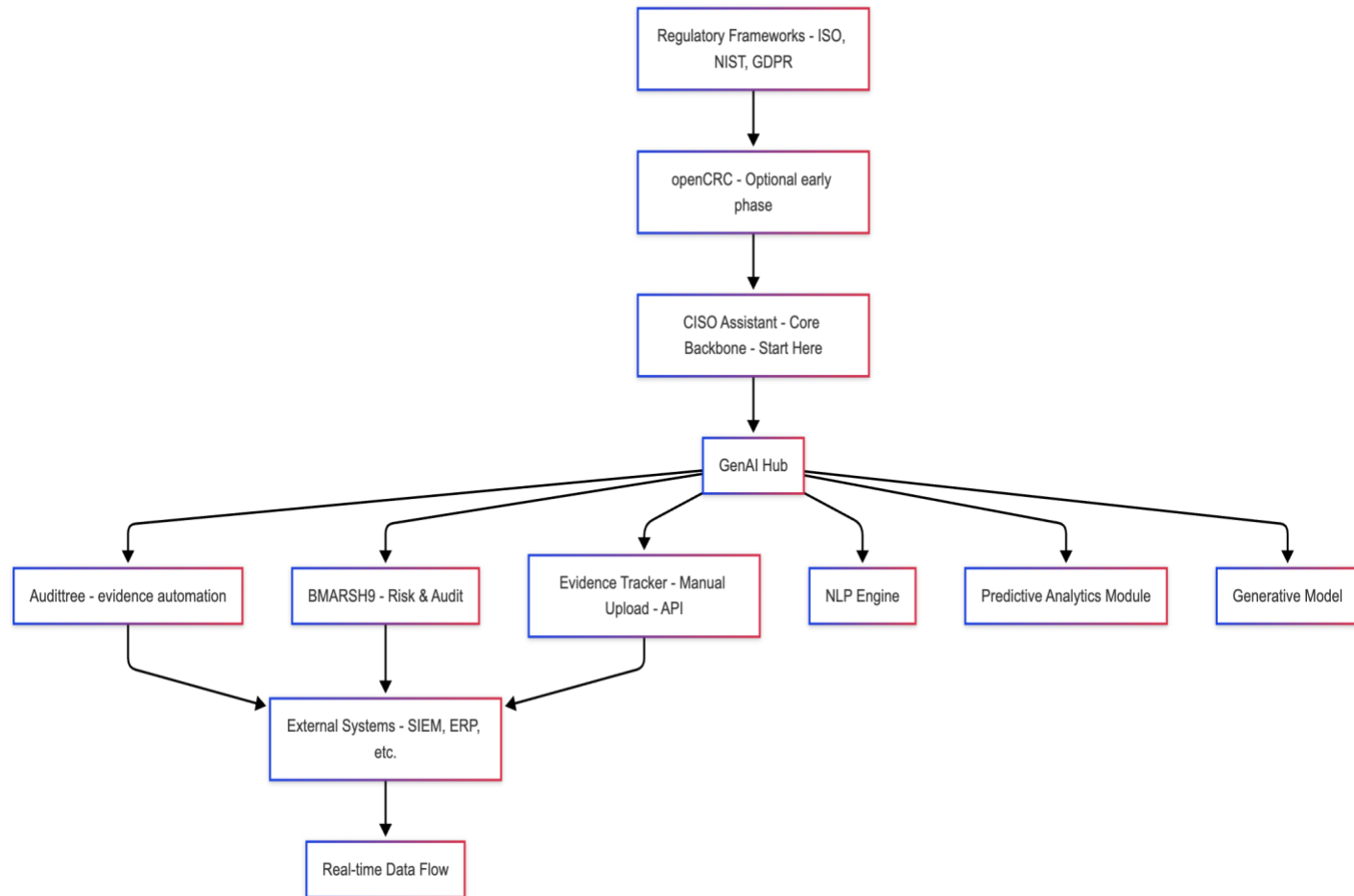


GRC Opensource Platforms Evaluation



<https://www.mermaidchart.com/app/projects/266f0b65-8df4-4c5b-804d-078d92524b63/diagrams/5e5302ae-e90e-48ef-ae9e-bcf7c5cb3174/version/v0.1/edit>

The following table summarizes the scores assigned to each repository across all criteria.

Repository	Tech Stack	Modern Stack	Microservices	Updates	Community	Data Automation	Total Score
CISO-Assistant	Python/Django, SvelteKit, PostgreSQL, Docker	5	5	5	5	5	25
GRC4CISO	Odoo, Wazuh, OpenZiti, GPT	5	5	1	3	3	17
Eramba	PHP, MySQL, Redis, Apache, Docker	3	0	4	5	5	17
ComplianceAsCode	Python, Go, CMake, SCAP, Bash, Ansible	4	0	4	4	2	14
Auditree	Python	4	0	3	3	2	12
gapps	Python, JavaScript	4	0	3	3	4	14

OpenGRC	PHP, Laravel, Filament, MySQL, Tailwind	3	0	3	2	1	9
SimpleRisk	PHP, MySQL	2	0	1	4	5	12
GRC (GRCbit)	Python, web2py	2	0	1	1	1	5

Integration Considerations

- CISO Assistant as Central Hub: Use CISO Assistant's APIs to integrate with Auditree for automated evidence collection and with gapps for compliance tracking. Its decoupling principle allows reusing past assessments, facilitating evidence consistency.
- Auditree for Evidence Automation: Auditree can collect evidence and export it in formats compatible with CISO Assistant, enhancing evidence management workflows.
- gapps for Specialized Compliance: gapps can be used independently or integrated with CISO Assistant for detailed compliance tracking, leveraging its support for multiple frameworks.
- Custom Development: Since all tools are open-source, custom integrations can be developed if needed (e.g., API connections between CISO Assistant and gapps), though this may require development effort.

Key URLs

- [CISO Assistant GitHub Repository](#)
- [GRC4CISO GitHub Repository](#)
- [Eramba Official Website](#)
- [ComplianceAsCode GitHub Repository](#)
- [OpenGRC GitHub Repository](#)
- [SimpleRisk GitHub Repository](#)
- [GRC \(GRCbit\) GitHub Repository](#)
- [ComplianceAsCode Organization GitHub](#)
- [OpenGRC Installation Documentation](#)
- [CISO Assistant Documentation](#)
- [Intuitem Official Website](#)
- [SimpleRisk Official Website](#)
- [Auditree Documentation for Compliance Automation](#)
- [OpenGRC Documentation for Cyber GRC Web Application](#)

Available Online Demos

1. CISO Assistant <https://intuitem.com/trial> ==> Register
2. SimpleRisk <https://demo.simplerisk.com/> ==> user / user
3. Gaaps <https://gapps.darkbanner.com/> ==> Register
4. GRC4CISO <https://democommunity.grc4ciso.com/> ==> guest / guest123



Example Use Cases for GenAI/LLM in GRC

- **Automated Compliance Checklists:** GenAI can generate compliance checklists for frameworks like HIPAA or SOC 2, ensuring that all necessary controls are in place and easily accessible for audits.
- **Incident Response Documentation:** When an incident occurs, GenAI can assist in documenting the response process, pulling relevant logs and communications to create a comprehensive report that can be used for future audits and compliance assessments.
- **Risk Scoring Models:** Organizations can develop risk scoring models using historical incident data analyzed by GenAI, allowing for more informed decision-making regarding resource allocation for risk mitigation.
- **Policy Generation and Updates:** GenAI can automate the drafting and updating of policies to reflect changes in regulations or organizational practices, ensuring that compliance documents are always current and relevant.
- **Anomaly Detection in Logs:** By analyzing logs from various systems, GenAI can identify anomalies that may indicate compliance issues or security threats, enabling quicker responses to potential risks.

Open-Source GenAI/LLM Options

Several options are available that can be integrated with CISO Assistant:

- **Hugging Face Transformers:** A popular library for implementing various LLMs that can be fine-tuned for specific GRC tasks.
- **GPT-Neo and GPT-J:** Open-source models that can be adapted for generating compliance documentation and parsing regulatory texts.
- **Haystack:** An open-source framework for building search systems that can be used to retrieve and analyze compliance-related documents efficiently.

Enhancing GRC with GenAI/LLM Integration

