

Air Gapped AI for Security Operations

From Myth to Mission-Ready Reality

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The Myth: “Air-Gapped AI is Inferior”

- **Misconception** that you need a large model to be effective.
- **Assumption** language models are believed to require a live connection to external data sources to remain useful.
- **Perception of fragility** - without the internet, models will become static, limited, or incapable of adapting to new workflows.



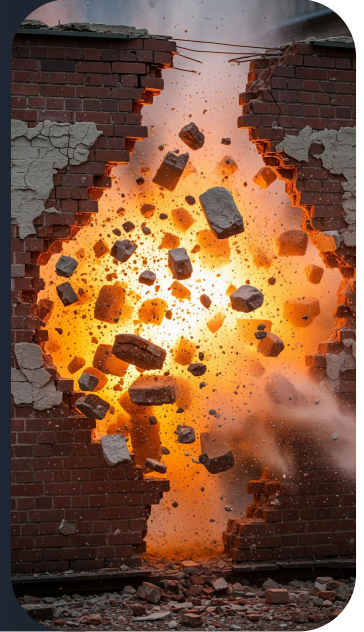
What if I told you that it wasn't....

- What if a group of security professionals figured out a way to **solve this problem**?
- What if there was an **AI security tool** that could execute behind the wire, fully disconnected from outside networks?
- What if AI could learn and adapt entirely within **your own environment**?



Crogl's Breakthrough

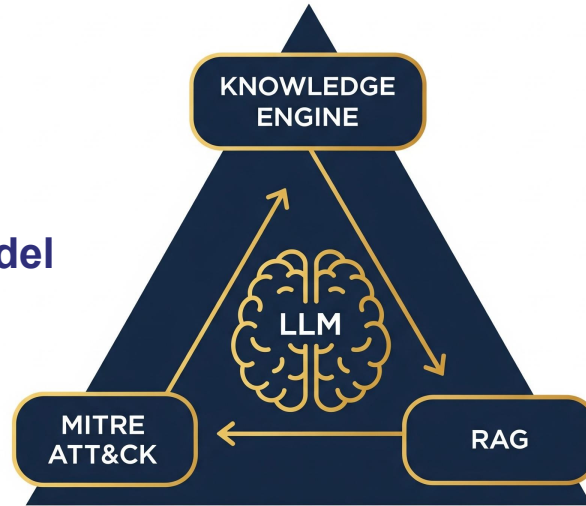
- Air-gapped **Compound AI** that is **operational today**.
- We created an **open system** with full inference and reasoning without internet access.
- Designed for **government cyber operations** and disconnected operations.
- Learns from **your existing workflow** - **No Data normalization** required.



The State of Gnosis

How we train the air gapped model

Crogl's Compound AI Model



Gnosis (pronounced "NO-sis") is a Greek word meaning "knowledge" or "understanding,"

Inside the System – Crogl Architecture

- Crogl's **Knowledge Engine** builds trusted context through curated data, RAG, and analyst-derived knowledge using **Knowledge Graphs**.
- **Compound AI** with continuous learning — investigation workflows automate schema discovery, hunts, and reporting.
- **Open System** using containerized workloads that executes LLM reasoning fully offline — no internet required.
- **Fully Auditable**: traceability of decisions, documented actions, and explainable outputs.



Knowledge Engine = Trusted Intelligence

- Provider models pull noise; Crogl's model pulls **vett**ed knowledge.
- **Compound AI** enriched with analyst expertise, not random feeds.
- Learns **your environment** from **your workflow** using **your data** and **your tools**.



Trusted Because Security Experts Built It

- Team backgrounds: **Splunk, DoD, Elastic, Cribl, Weapons Lab, Microsoft.**
- **Hands-on practitioners:** built by the same analysts and engineers who've run investigations, not just designed frameworks.
- **Designed for operators by operators,** not theorists.



Future Vision

- **Ready-to-deploy appliances:** drop anywhere, activate, and learn the local environment + workflow.
- Enclaves, SCIFs, and **government operations powered by AI** at the edge.
- Continuous pioneering of **secure, air-gapped AI** for **cybersecurity operations**.
- **Defense AND Offense**



Closing Call to Action

- We learn from you - **please talk with us.**
- Want to join Crogl - **We are hiring!**
- Come see us at our **booth.**
- **Follow us on LinkedIn -**
<https://www.linkedin.com/company/crogl>

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Thank you!

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