



aramis

aizoon AUSTRALIA
TECHNOLOGY CONSULTING

AUSTRALIA
EUROPE
USA

A DIFFERENT APPROACH

In a world where threats are evolving at an unprecedented pace, it is crucial to have a comprehensive view of your networks and systems. **aramis** allows you to monitor your network accurately, promptly and smoothly no matter the complexity of your organisation.

aramis uses a specifically designed Machine Learning Engine and Deterministic Rules to enable organisations to identify unknown threats inside their perimeter by fostering human analysis through pre-attentive dashboards.



KNOW, PROTECT, EMPOWER. DON'T LEARN MALWARE
Detection process does not require vendor-specific or malware knowledge. The key factor is the knowledge of your environment trends and behaviour.



REACT SOONER
aramis proprietary logic is designed to reduce the "dwell time" passing from the infection to the identification and eradication of malware to hours instead of days or weeks.



RECOGNISE, NOT JUST IDENTIFY
aramis does not rely on signature triggering; it highlights the presence of malicious behaviour, enabling the analyst to immediately identify and classify threats by collating the data presented in the pre-attentive dashboard.

KEY BENEFITS

Identify threats inside a network by highlighting the deviations from network normal behaviour

Foster human analysis using pre-attentive dashboards and graphics

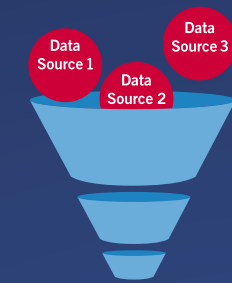
Take advantage of specifically designed Bayesian Network Artificial Intelligence Engine

Collect data passively without altering the current network layout

AIZOON'S CYBER SECURITY TECHNOLOGY UNIT

is specialized in Security Assessment, Mobile & Embedded Security, IoT & Wearable Devices Security, Incident Handling, Digital Forensics, Malware Reverse Engineering, Critical Infrastructure & Production Systems Security and Enterprise Cyber Risk

HOW ARAMIS WORKS



COLLECT
Sensors are placed in various nodes of the network depending on the size and the magnitude of information flow. Each sensor gathers the data from its segment of the network, analyses it in real-time as it flows and sends the results of the statistical analysis to a NoSQL database.



ENRICH
Inside the NoSQL database, data is enriched with information coming from the aramis Cloud Service. The Cloud Service collects intelligence from various OSINT sources and from internally managed sources.

CORRELATE

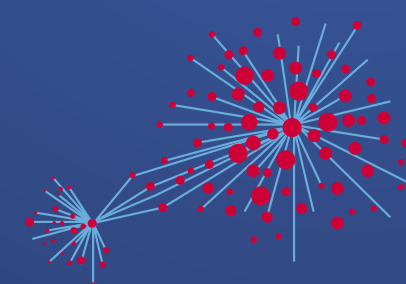
aramis constantly runs two kinds of analyses on the stored data:

- Deterministic Rules, tailored to the customer Risk perception, are able to spot and highlight risky conducts.
- The Machine Learning Engine analyses the behaviour of each machine and correlates the current behaviour with its usual behaviour, highlighting even the slightest deviation.



VISUALISE

Using pre-attentive graphs, humans can spot deviations from repetitive patterns much faster than computers, especially when there's a lot of data to visualise. This particular ability is called cognitive ability. Our dashboards make use of pre-attentive processing to foster this kind of analysis, allowing at the same time in-depth analysis when needed, thanks to zooming, drill-down and filtering capabilities.



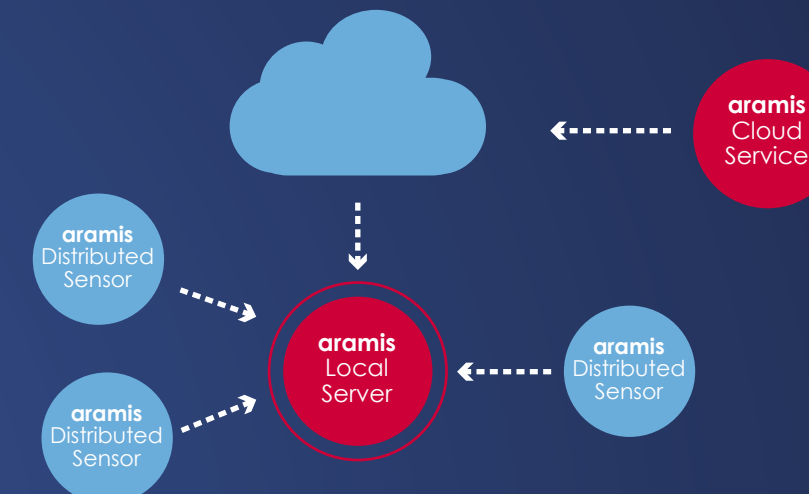
PROOF OF VALUE

30
days of duration

One
division or location involved

We provide the service

ARAMIS AS A PLATFORM



ARAMIS AS A SERVICE

WEEKLY DIGEST + BRIEFING CALL	✓	✓	✓
INCIDENT HANDLING CONSULTANCY HOURS INCLUDED	✗	8 HR	40 HR
COVERAGE	8 / 5	12 / 5	24 / 7
REACTIVITY	4 HRS	2 HRS	1 HR
UP-TIME	96 % *	98 % *	99,9 %

Calculated on service hours

aizoon
TECHNOLOGY CONSULTING

AUSTRALIA
EUROPE
USA

Call us:
+61 02 8299 7302
Mail us:
aramis@aizoon.com.au

aizoon.com.au **aizoongroup.com**

@aizoongroup
aizoon Technology Consulting