

Peacemaker HQ-Lite

Network-first AI security for real networks

Bare-metal edge security appliance (WAN ↔ LAN) - observe • decide • enforce

Alpha v1 ISO
shipped

WAN ↔ LAN

Operator-first

Inline deployment. Local decisioning. No mandatory cloud dependency for enforcement.

System status

Uptime 48h 06m

Guardian
active

LAN
live

Read-
only

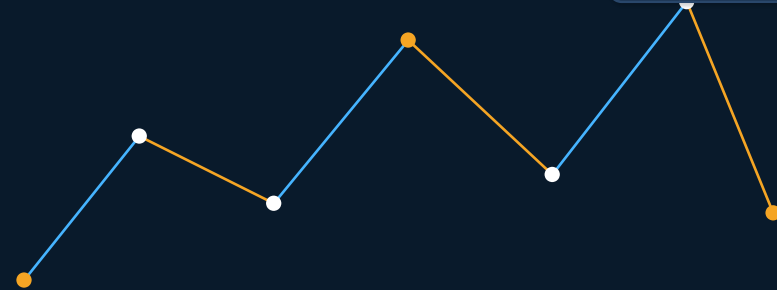
Activity

Threat score

1

7

low



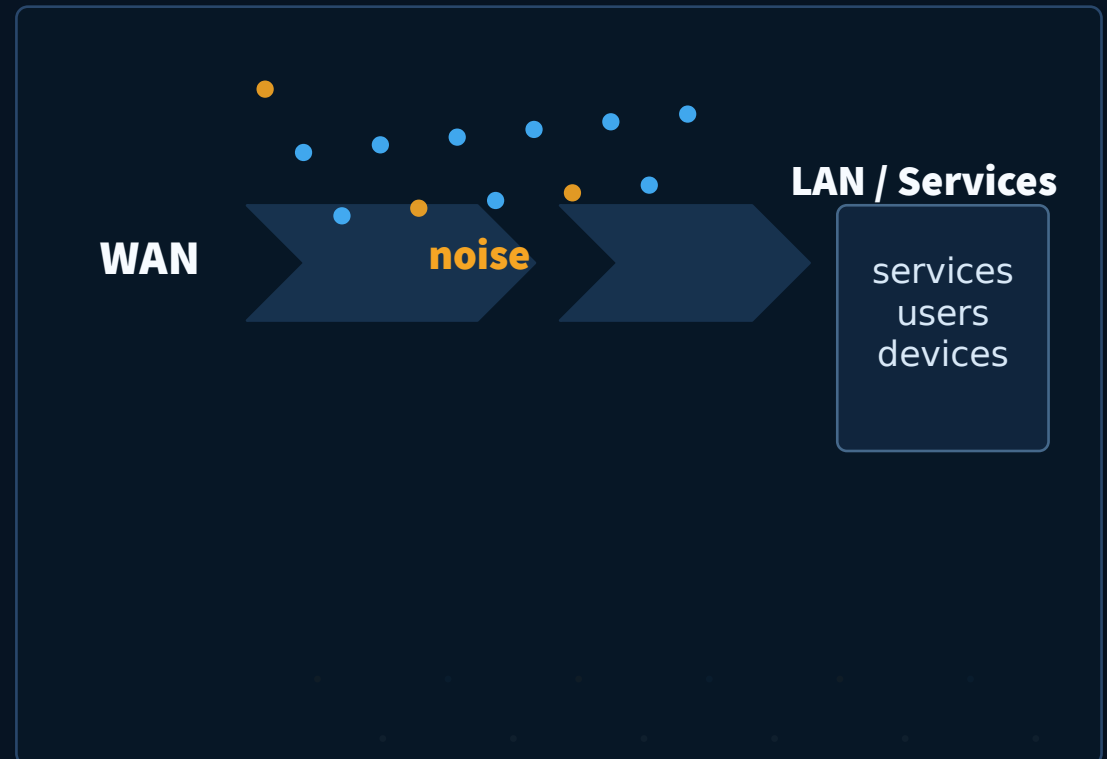
The problem

The edge is noisy - and most SME networks are blind.

Why this matters: attacks begin at the connection point, while most tools react too late.

- Cloud-first tooling = latency + dependencies
- Agents do not scale (cost, maintenance, fragility)
- Attacks start at the connection point (WAN)
- Firewalls do not understand intent or context

Result: limited visibility where the first decision should happen.



The solution

HQ-Lite is an inline edge node between WAN and LAN.

A straight answer: it sits at the point of connection and makes decisions locally.

It observes live traffic, learns the local baseline, scores risk, and enforces decisions at the point of connection - without endpoint agents and without cloud dependency for decision making.

Inline edge
node

Local decisioning

No endpoint
agents

WAN

HQ-Lite

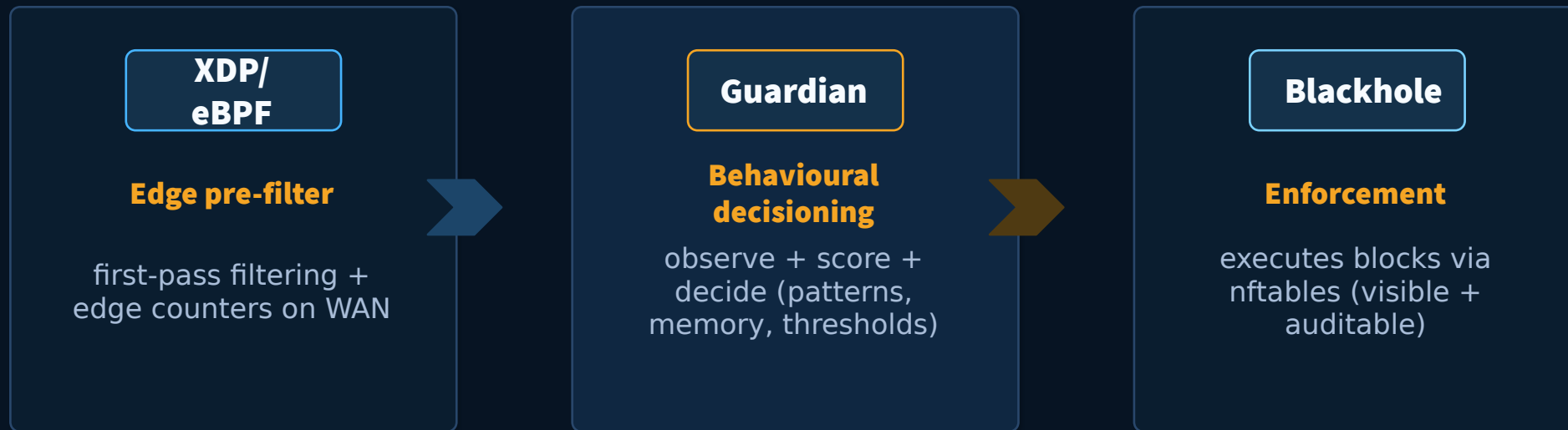
observe
decide
enforce

LAN

How it works

Layered model: reduce noise early, decide with context, enforce fast.

This is the architecture slide: XDP/eBPF -> Guardian -> Blackhole.



**Adaptive Threshold: baseline-driven
(no fixed one-size limits)**

reduce noise early -> decide with context -> enforce fast

Why it's different

Not just detection. Real mitigation at the edge.

Why it differs from a smart router, firewall, or cloud-tethered IDS.

- On-prem & offline-capable (no cloud dependency)
- Network-first (no endpoint agents)
- Actionable: detection -> decision -> enforcement
- Runs on real hardware (low power, 24/7 capable)

Power

24h: 0.397 kWh / max 43.5W

48h: 0.796 kWh / max 43.7W

Proof-lite: low-power SFF deployment aimed at 24/7 edge use.

Milestone: Alpha v1 ISO shipped (RTG install validation).

The message here is repeatable installation and factory-default bring-up, not polish theatre.

- Alpha v1 ISO built (16GB, internal install repeatability testing)
- RTG philosophy: install -> reboot -> system is live on factory defaults
- Current focus: stability, install pass rate, service correctness



PM-HQ Dashboard

guardian

System status: 2d 7h 4m

SYN traffic / min: 18

RST traffic / min: 0

Alerts: 0

Recent activity

Time	Source	Event	Module	State
2026-03-26T18:48:16.926791Z	192.168.	syn_seen	guardian	OK
2026-03-26T18:48:13.385073Z	192.168.	syn_seen	guardian	OK
2026-03-26T18:48:10.709990Z	192.168.	syn_seen	guardian	OK
2026-03-26T18:48:10.635800Z	192.168.	syn_seen	guardian	OK
2026-03-26T18:48:09.772534Z	192.168.	syn_seen	guardian	OK
2026-03-26T18:48:08.970064Z	192.168.	syn_seen	guardian	OK
2026-03-26T18:48:02.918044Z	192.168.	syn_seen	guardian	OK
2026-03-26T18:48:02.917870Z	192.168.	syn_seen	guardian	OK
2026-03-26T18:47:51.604649Z	192.168.	syn_seen	guardian	OK
2026-03-26T18:47:51.604476Z	192.168.	syn_seen	guardian	OK
2026-03-26T18:47:44.913576Z	192.168.	syn_seen	guardian	OK
2026-03-26T18:47:44.913423Z	192.168.	syn_seen	guardian	OK

What it looks like

Operator-first dashboard (read-only in Alpha v1).

The operator should see what matters without dropping into the system.

The screenshot shows the PM-HQ Dashboard with a sidebar menu on the left containing options like guardian, xdp, edge, Blackhole, DHCP, Firewall, Network Activity, Echo Probe, Noctlux, Database, Users, and Settings. The main content area displays several key metrics:

- xdp_status:** Attached (service active)
- xdp_interface:** enp1s0f0
- xdp_program:** [Visual representation]
- xdp_ipv6_support:** Yes
- xdp_ipv6_status:** not implemented
- xdp_blacked_ipv4_entries:** 0
- xdp_pass_total:** 19385791
- xdp_drop_total:** 0
- xdp_edge_live_title:** [Visual representation]
- xdp_pass_min:** —
- xdp_drop_min:** —
- xdp_raw_syn_min:** — (pending backend)
- xdp_guardian_syn_min:** 12
- xdp_flow_title:** [Visual representation]
- xdp_edge_pass_total:** 19385791
- xdp_edge_drop_total:** 0
- xdp_guardian_syn_flow:** 12
- xdp_current_threshold:** 20766
- xdp_blackhole_entries:** 318

Visibility: activity, traffic, blackhole list

The screenshot shows the 'Blocked IP list (Blackhole)' table with the following data:

IP	Reason	Rule source	Date	Action
3.18.1	1d / 20h36m32s280ms	iptables	-	Unblock
3.83.2	1d / 20h36m56s44ms	iptables	-	Unblock
3.84.1	1d / 20h36m56s72ms	iptables	-	Unblock
3.85.2	1d / 20h36m53s228ms	iptables	-	Unblock
3.136	1d / 20h36m52s748ms	iptables	-	Unblock
3.136	1d / 20h36m53s	iptables	-	Unblock
3.137	1d / 20h36m53s80ms	iptables	-	Unblock
3.143	1d / 20h36m52s756ms	iptables	-	Unblock
3.148	1d / 20h36m52s876ms	iptables	-	Unblock
5.188	1d / 20h36m53s88ms	iptables	-	Unblock
5.188	1d / 20h36m52s699ms	iptables	-	Unblock
5.188	1d / 20h36m52s472ms	iptables	-	Unblock
5.188	1d / 20h36m52s680ms	iptables	-	Unblock

Armed mode and operational controls (next phases)

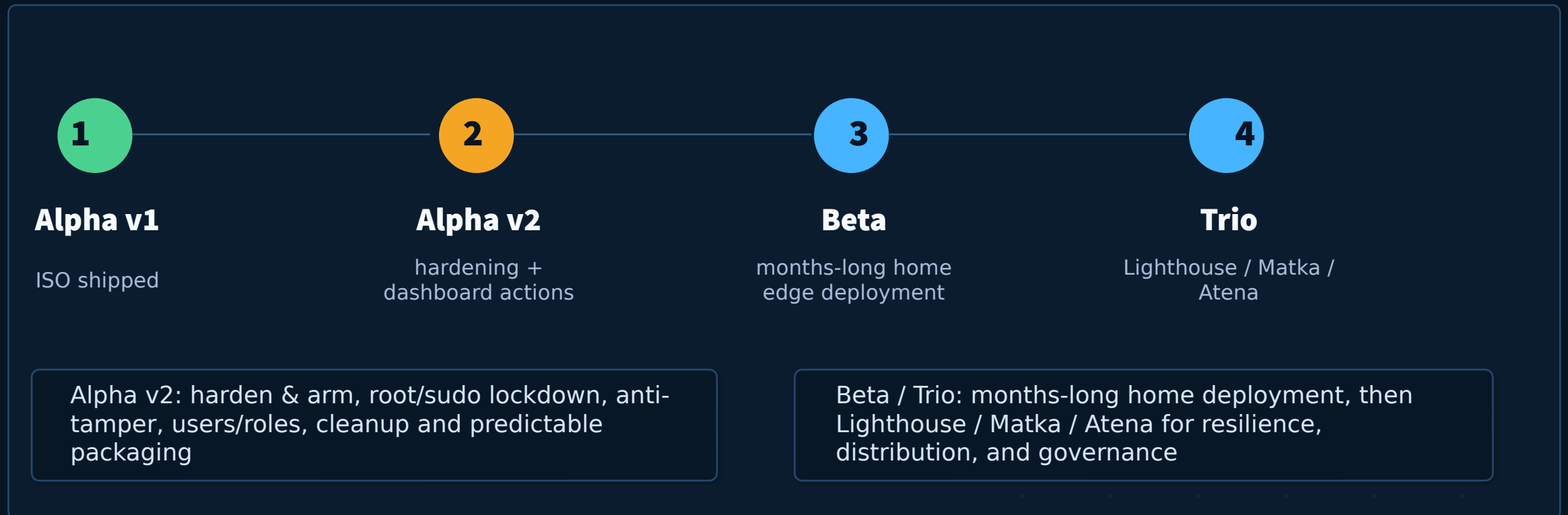
The screenshot shows the DSCP tool configuration interface. It includes a sidebar menu with options like Basic, DSCP, Flow, Network Activity, Echo Probe, Noctlux, Database, Users, and Settings. The main content area displays the DSCP configuration form with fields for Label, Color, Precedence, and DSCP value, along with a 'Save' button and a 'Reset' button.

Export / reporting path for analysis

Roadmap

Next: Alpha v2 hardening -> Beta real-world deployment.

A staged roadmap without over-explaining internals.



Built by practitioners.

UK-based, engineering-led, building on real hardware + real traffic.



Piotr

Co-founder & CTO

Security, networking,
systems architecture



Kinga

Co-founder & CEO

Product vision, strategy,
design & operations

**ChiRi
Studio**

Hands-on build
real hardware
real traffic

We're looking for: pilots + early partners.

This deck exists to open practical conversations, not just to describe the product.

- Pilot validation (hosting / dedicated servers / VPS / SME edge networks)
- Investor conversations (UK/EU)
- Contact: info@chiristudio.com

Looking for aligned partners who value resilient, operator-led edge security.

