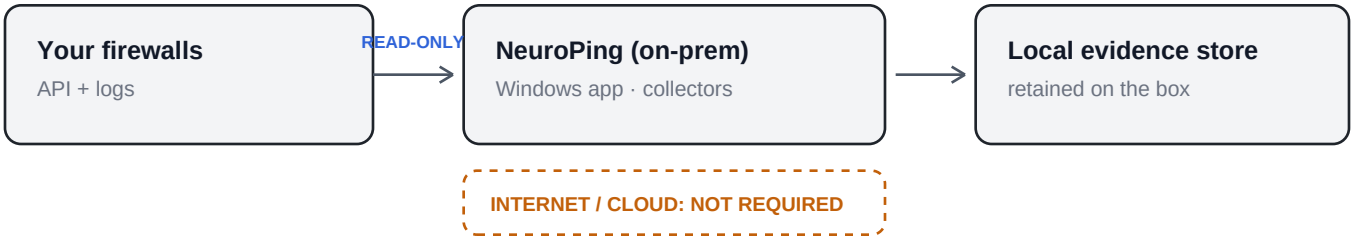
NeuroPing — Security & Architecture Overview

Read-only network intelligence for firewall estates. On-prem. Runs fully air-gapped.

WHAT IT IS

A single on-prem Windows application (one Setup.exe) that reads your firewall estate over its API and logs — read-only — and produces an estate map, fleet health, VPN tunnel and HA-pair verdicts, OT asset discovery (Purdue-level aware), segmentation and path analysis, alerts and incident correlation, and auditor-ready NERC-CIP readiness reports with evidence packs. No agents are installed on firewalls or process equipment.

ARCHITECTURE



GUARANTEES

- **No configuration changes.** No write code path exists.
- **No agents on firewalls.** Reads existing API + logs.
- **No cloud dependency.** Everything runs on-prem.
- **No telemetry.** No analytics or update pings.
- **Data stays local.** Evidence retained on the box.
- **Credentials in OS keyring.** Never in files or logs.

AI ASSISTANT POSTURE

- **Local / air-gap:** models in your perimeter.
- **Cloud — redacted:** identifiers stripped first.
- **Disabled:** everything else keeps working.

OFFLINE SIGNED LICENSING

- **Verified offline.** Ed25519-signed; no server.
- **30-day trial** for pilot participants.
- **Never bricks.** Expiry = read-only viewing.

HONEST SCOPE

NeuroPing is pre-release software in a design-partner pilot program. The NERC-CIP scanner prepares evidence and readiness reports for your compliance program — it does not certify compliance. Formal certifications (e.g., SOC 2) are on the commercial roadmap; pilot participants get the full architecture walkthrough and audit-event schema.

Pilot program: support@raffscompanylimited.com · neuro-ping.com

Windows 10/11 · multi-vendor firewall support · air-gap transfer supported