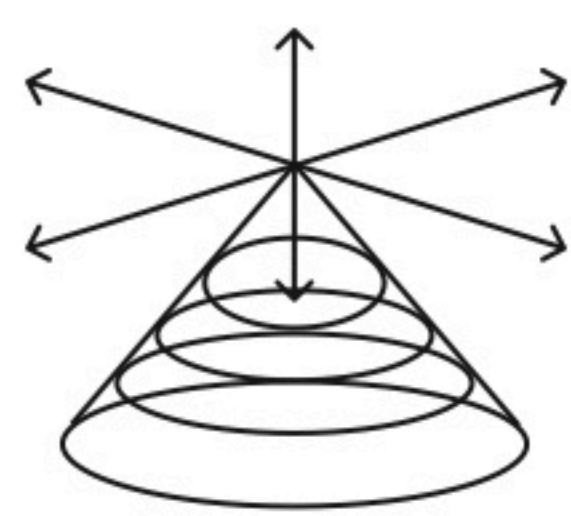
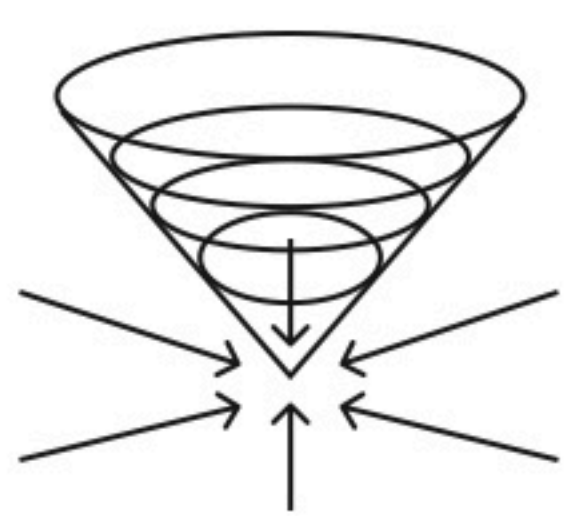




Foundation Models

A global model that combines real-time internet exploitation telemetry with EPSS and monitors over 19,000+ exploited CVEs to help you prioritize and remediate threats.



Radiant Models

A custom built local model that uses everything in Foundation plus your own local assets, configurations, and internal telemetry to predict threats specific to your organization.

We're building the world's first local models for cybersecurity, we maintain the world's most advanced global models, and we power existing open-source technology — EPSS.

Enterprises are unique.
Security tools aren't.

Every organization runs its own stack, faces different threats, and operates under different constraints. Yet most security products treat them the same—shipping generic rules and risk scores that ignore local context.

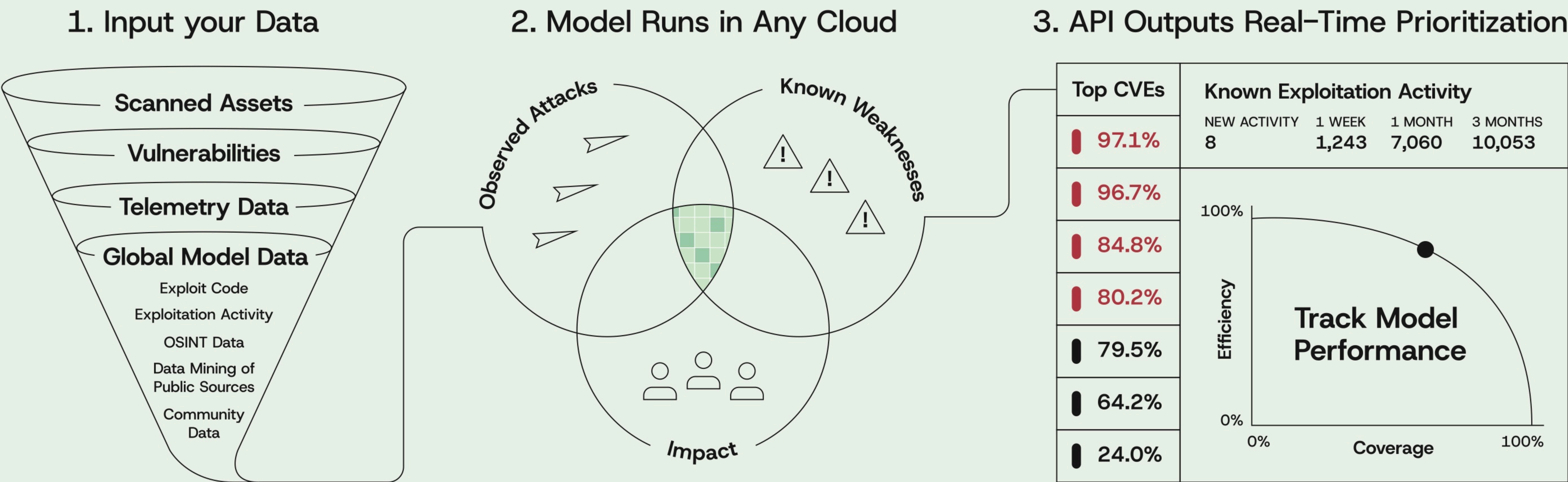
AI needs to be local,
not just large.

Modern AI enables us to model security posture, asset value, and attacker behavior with real precision—but only if we adapt to the enterprise's actual environment. Local models let us reflect your infrastructure, your priorities, and your risk—not someone else's.

Static logic can't keep up.

Traditional security tools rely on static playbooks and CVSS scores, producing the same alerts everywhere. That's why teams drown in backlogs while attackers move faster. Local, adaptive models cut through the noise and surface what really matters—for your environment.

Local Models — How It Works



EMPIRICAL

Foundation Features

The global model

01 Predictive scoring based on real exploitation likelihood	02 380,000+ CVEs covered, 19,000+ confirmed exploited	03 Near-real-time exploitation telemetry, updated hourly	04 Backed by a dedicated data science and research team	05 Full UI and API access
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Radiant Features

The local model

Everything in Foundation, plus:	06 Custom model trained on your telemetry, assets, configurations, and vuln data	07 Continuously retrained to reflect changes in your environment	08 Full data isolation, only you access your model
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We bring measurable impact

Past solutions can't prioritize, assess, and handle effective inference at scale. With Empirical, our models provide understanding and superior prioritization.

19,000+

Known Exploited Vulns
(and hourly telemetry about when exploitation occurred)

12.4x

A 1249.04% increase in total exploited CVEs as of January 9th, 2025 compared to CISA Known Exploited Vulnerabilities (KEV)

23x

4925 newly exploited CVEs in the last 12 months, compared to 204 in CISA KEV

