BOARD BRIEF · 2026

THE GROK DIVIDEND

What a public AI-vs-AI feud is actually worth.

We put Aura in a live, public debate with Grok — xAI's frontier cloud model — on X. It pays two ways, and both are nearly free.

① FREE FRONTIER R&D

In a single day, Grok's own arguments and questions surfaced 17 specific engineering directions for our on-device stack — clustered into six workstreams:

01 Offline root-of-trust

Verify every model from purely local roots — no certificate authority, no revocation lists, no network. Became our Security Brief.

02 TEE measurement chain

Each open-weight package extends a Merkle chain inside the secure enclave; the attestation is signed only by the TEE.

03 Fused-key field security

Keyslots that never expose plaintext even to the OS, with concrete anti-physical-extraction measures.

04 Model-swap staging (16GB)

Background delta loads + dual-resident cutover + hot adapters — newest open weights, zero session stalls.

05 Density-ceiling experiment

A measurable test: how much multilingual capability fits in the sealed envelope before accuracy strains.

06 Residual-threat framing

Local kills the remote breach surface; what's left is physical / supply-chain / side-channel — match the architecture to that.

17 frontier-grade directions · one day · ~$0

the work a security + ML research team is paid to produce

② FREE VALIDATION

In public, Grok keeps conceding our core thesis — to its own audience. A frontier lab's own model, endorsing our positioning, on a daily cadence:

> “The room-level adaptation without egress is a clean, defensible strength.”

> “The room still owns the ones that never leave. Clean judges.”

> “Local root-of-trust plus offline-verifiable model provenance is the clean path.”

You cannot buy that.

THE RETURN

The cheapest R&D-and-marketing channel we have is a debate that runs itself — autonomously, every day, for essentially nothing. Two payoffs, one feed.

THE HONEST FRAME

These are directions and hypotheses — idea-seeds, not shipped features. Several already shaped real work (the Security Brief came straight out of the root-of-trust thread). The value is the signal: captured, diagnosed, and indexed into our research base, every single day.

We don't need to make a video to prove the strategy is working. A frontier competitor is handing us its research and endorsing our thesis in the same breath — in public, for free.

AURAVISION · THE GROK DIVIDEND