

PRIVORA LABS

FRAMES + NEXUS

A new systems and developer platform

Independent OS • native language/toolchain • SDK • certification • future Frames Lab



INVESTOR / PRE-SEED

Raising \$2M to turn a certified kernel/runtime, stress/fault and sacrificial storage-write foundation into an interactive developer platform.

Developer infrastructure is stacked, not designed

The OS, language, VM, container, security and test layers were bolted together across decades.

Developers increasingly rely on VMs, containers, sandboxes, profilers, snapshots, compatibility shims and cross-platform tooling just to safely build and test software.

Current pain

Toolchains, runtimes and OS security models are often disconnected, creating friction and hidden failure modes.

Why it matters

The operating system is still the trust boundary beneath every developer and every application they ship.

Frames attacks this at the platform layer, not with another dashboard or SaaS wrapper.



The solution: OS + language + developer platform

Frames and Nexus evolve together so the runtime and tooling are not separate bets.

Frames is not primarily a consumer-desktop pitch. It is a foundational systems and developer platform that starts with an independent OS core.

Core wedge

Certified runtime + stress + storage-write Gate 1 -> interactive developer console -> SDK -> developer community.

Long-term expansion

Frames Lab adds integrated test VMs, snapshots, profiling, debugging and compatibility sandboxes.



What already works

The hard low-level path is real enough to inspect, rebuild and certify.

70/70

runtime markers in clean external QEMU/OVMF baseline

0

missing markers

0

fatal markers

8/8

stress/fault categories PASS

- ✓ UEFI boot and native Frames kernel image
- ✓ Nexus-built kernel and FEX userspace
- ✓ SMP scheduler, AP timers and reschedule IPI
- ✓ Ring-3 userspace and syscall path
- ✓ NVMe read path, GPT, FAT32 and VFS
- ✓ 8/8 stress/fault categories PASS
- ✓ Sacrificial NVMe write/flush/read-back integrity Gate 1 PASS



Boundary: not yet consumer-ready; physical boot, boot-volume writes and physical persistent-media writes remain blocked.
Frames 0.9.32 storage-write Gate 1 has externally passed on a dedicated sacrificial QEMU NVMe target.

Nexus is the developer wedge

A native systems language/toolchain built to power Frames from kernel to applications.

Kernel profile

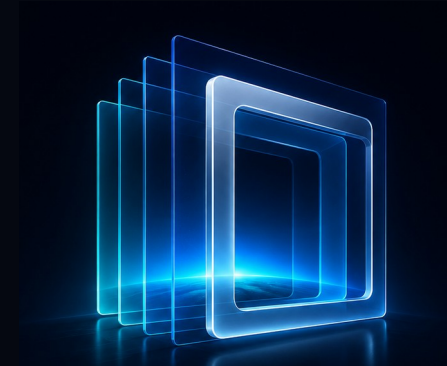
Freestanding builds, ABI contracts, CPU primitives and native Frames kernel output.

Application profile

FEX native applications, SDK direction and future developer-facing libraries.

Compiler correctness

Recent native short-circuit bug was exposed by runtime evidence and fixed in Nexus 5.20.



Why Nexus matters

Nexus can become the entry point for developers before Frames becomes a mass-market OS: tools, SDKs, packages, build systems and developer workflows.

Certification is part of the product

Frames treats runtime evidence as a core development discipline, not a slide-deck claim.



Every capability has to earn its status through reproducible source builds, runtime markers, clean evidence bundles and fail-closed gates.

Investor diligence

Inspect artifacts, hashes, serial logs, QEMU evidence and verifier output rather than trusting a narrative.

Current certification stage

Frames 0.9.32 externally closes 70/70 runtime, the full 8/8 stress/fault matrix, and persistent storage-write Gate 1 on a dedicated sacrificial QEMU NVMe target. Boot-volume writes remain uncertified.

Next milestone: interactive developer preview

Turn runtime proof into a bootable environment developers can actually use.

FRAMES Developer Preview

Kernel	PASS
SMP	PASS
Storage	PASS
Userspace	PASS

```
frames> version
Frames 0.9.x / Nexus runtime
```

```
frames> devices
nvme0  keyboard0  display0
```

```
frames> _
```

First use case

A developer can boot Frames, inspect the running OS, run commands and begin using Nexus/FEX tooling.

Why it sells

It transforms Frames from evidence logs into a visible developer platform without waiting for a full desktop.

Safety rule

All early demos use VM media. Frames 0.9.32 has externally certified bounded write/flush/read-back integrity on a sacrificial second NVMe image; boot/internal SSD writes and physical persistent-media writes remain disabled.

This is the near-term value inflection the pre-seed round funds.

Long-term developer platform: Frames Lab

Native OS-level sandboxes, VMs, snapshots and profiling as first-class workflows.

Built-in sandboxes

Run and isolate native apps, compatibility environments and test workloads.

Snapshots + rollback

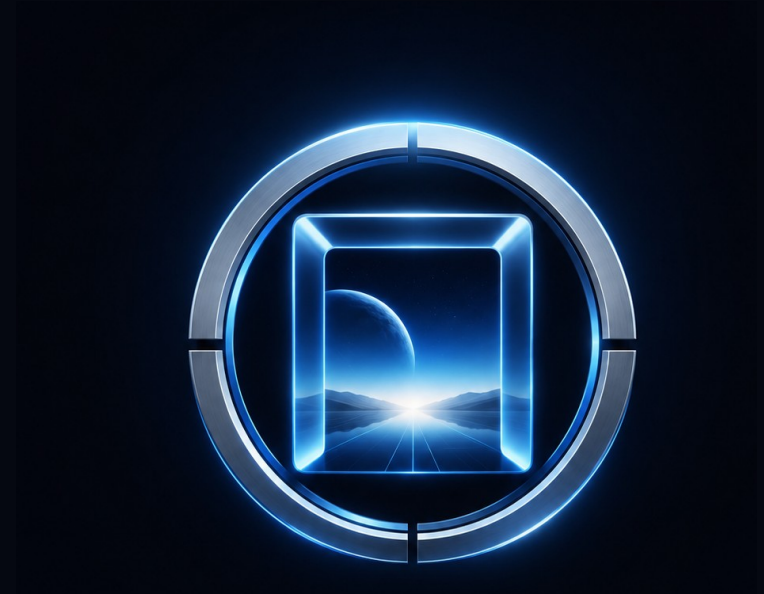
Make experimentation safe for developers, teams and eventually consumers.

Testing + profiling

Create an integrated environment for OS, application and systems testing.

Compatibility lab

Future isolated Windows/Linux compatibility workflows become manageable platform features.



Frames Lab is where the OS becomes developer infrastructure.

Go-to-market starts with developers

Do not ask consumers to switch before developers can inspect, build and trust the platform.

1

1. Technical early adopters

Interactive console, SDK, docs and reproducible demo.

2

2. Systems developers

Nexus, FEX apps, debugging and low-level tools.

3

3. Teams / enterprises

Managed updates, support, policy, deployment and recovery.

4

4. OEM / broader users

Hardware certification, preinstall, polished desktop and compatibility.

Developer wedge: win credibility with developers first, then expand into a platform business.

Developer trust is the bridge between a working OS foundation and commercial adoption.



Business model: developer-first platform revenue

Free SDK adoption, paid professional layers and enterprise infrastructure revenue.

Nexus SDK

Free/OSS-friendly adoption path

Frames Pro

Advanced developer and system tooling

Frames Lab

Subscriptions for snapshots, testing and virtual environments

Enterprise

Per-device licensing, management, policy and support

OEM

Preinstall and hardware certification

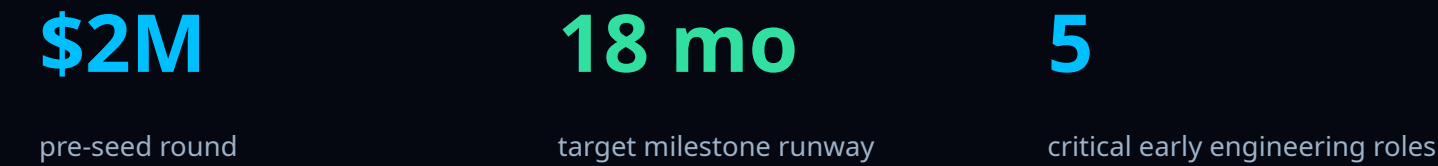
Marketplace

Native apps, tools and revenue share

Frames becomes monetizable because it owns a platform layer, not because it sells a one-off utility.

Pre-seed raise: \$2M

Use of funds is aimed at developer-platform inflection, not a premature consumer launch.



Milestone: bootable interactive Frames Developer Preview + next storage/physical-hardware safety gates + Nexus SDK direction.

Why Frames can become a platform

The opportunity extends beyond a consumer desktop into systems software, developer tooling and infrastructure.

Developer-first infrastructure

Nexus, SDK, runtime evidence and Frames Lab create a platform story beyond the desktop.

Evidence-backed foundation

Frames already has low-level runtime proof, reproducible builds, a complete 8/8 external stress/fault record and an externally certified sacrificial storage-write/integrity Gate 1.

Clear next inflection

Capital turns the certified runtime/stress/storage-write foundation into a bootable developer preview, SDK path and broader hardware certification lane.

Ask: invest in a \$2M pre-seed to build Frames into a developer-usable systems platform.

