

Perfient: The Sovereign Infrastructure Layer for the Home.



THE PROBLEM

The Extortionate Cost of Trust.

Centralized cloud architecture creates systemic risk, endless rent-seeking, and massive inefficiency.



Data Leakage

Consumer data, private financial documents, and proprietary corporate repositories are continuously uploaded to third-party cloud servers.

This continuous exposure completely breaks strict local privacy laws and regulations such as GDPR.



Subscription Bloat

Individuals pay compounding, recurring monthly fees to Dropbox, OpenAI, and cloud photo platforms.

Despite paying thousands over time, consumers own zero physical assets and remain trapped in perpetual cloud lock-in.



Compute Waste

Centralized AI data centers waste massive amounts of power grid energy to process daily tasks.

Meanwhile, millions of high-performance local processors sit 100% idle inside consumer homes overnight.

THE SOLUTION (THE PERFIENT BOX)

Hardware Performance Meets Total Sovereignty.

Introducing a zero-knowledge hardware appliance optimized for local, air-gapped automation.



Sovereign AI Core

Run deep models, text generation, and vision processing natively on-device, completely offline.



Unified UI Matrix

A single custom-built interface merging real-time streaming chat, file archives, and self-hosted apps.



GDPR Compliant by Design

Data stays cryptographically sandboxed within the home walls.

UNDER THE HOOD (HARDWARE & IP MOAT)

Bare-Metal Efficiency & Un-Shellable Code.

The Technical Proof underlying our sovereign infrastructure layer.



38 TOPS Processing

Powered by the AMD Ryzen 7 8845HS APU, squeezing maximum performance inside an ultra-lean 15W–30W thermal footprint.



Proprietary Core OS

Built with an inverted architecture; our custom FastAPI core is compiled into reverse-engineering-resistant C binary modules via Cython, stripped of debugging symbols.



Self-Healing Tunnel Network

Dynamic, end-to-end binary reverse tunnels that map automatically on boot, bypassing router firewalls without manual port forwarding.

THE ECOSYSTEM ENGINE (APP HUB & PLUGINS)

Extensible AI: Apps, Skills, and Plugins.

The Platform Moat: We are not just a fixed box; we are an expandable operating system.



One-Click App Hub

Users deploy sandboxed, memory-capped applications (like Immich) via the Docker socket without compromising core system resources.



Model Context Protocol (MCP)

Connect to local databases or cloud storage via secure, privacy-preserving API multiplexers.



Frontier Hybrid Routing

A built-in OpenRouter-style gateway that can leverage massive frontier models for high-reasoning tasks by automatically scrubbing files of sensitive PII before routing queries.

THE MULTI-MILLION DOLLAR SCALABILITY PLAY (IaaS)

The Airbnb of Local AI Compute.

The Network Moat: This is the slide that excites funds like BlueYard and Cherry.



Idle Monetization

While the box owner is at work or asleep, the appliance registers its idle 38 TOPS compute engine to our decentralized public pool.



70% Cheaper than AWS

Startups and researchers rent this distributed, stateless matrix math power for a fraction of the hyper-scaler cost.



Consensus Network

Built-in replication engine ensure tasks seamlessly migrate to another node if a home unit drops offline.