# open nexus

**The next Evolution of Computing**

We're creating an OS where devices become virtualized resources in a self-organizing network. Your workflow transcends hardware - a watch extends your desktop, your EV integrates with your smart home - through open standards, not proprietary silos.

# Problem

**Monopol**

**Monopolies dominate the hardware and software market** Apple, Microsoft, Google, Intel, AMD and ARM control chips, operating systems, the cloud and end devices. Proprietary structures prevent innovation or make ecosystems inaccessible.

**Control**

**Lack of management capability for smart devices** Companies and educational institutions cannot enforce a consistent security and IT policy on tablets, phones, wearables or Apple laptops.

**Software**

**Missing software suite** No Office suite comparable with Microsoft and missing products in the creative area for Linux as well as difficult maintenance due to distribution fragmentation and non-uniform installation type.

**Hardware**

**Artificial device categories** (phone/ desktop/watch) all on different architectures. Requires development for several devices.

**Data protection**

**Closed source** Opaque code, hidden data collection and lack of control enable surveillance, data misuse and security risks without accountability.

**Eco System**

**Cloud lock-in** where your "unified" experience depends on third-party servers

# Solution

**Monopol**

**No Lagacy Devices** We are not burdened by legacy Version. We can start with a new kernel, the newest technologies and Risc-V Hardware and focus on innovation.

**Control**

**Server and Cloud Solution** Administration for all devices within the eco system. From Desktop, Mobile devices, Smart Home products, wearables and EVs with our Operating System.

**Software**

**Software suite** Our own AppStore, our own Office Suit, Android Emulator, Editor for easier Devlopment, and C Compiler for Linux Applications. No Limitations on Mobile Devices.

**Hardware**

**Risc-V optimized Microkernel** By using one cpu architecture and one cofigratable OS kernel it will be easier and cheaper to develop for different plattforms and devices.

**Data protection**

**Open source** Transparent, auditable code prevents hidden data collection and allows independent verification of privacy practices.

**Eco System**

**True device interoperability** Single device experience with open standarts and interfaces.

# Roadmap

**Q3 25**

**Proof-of-concept on PineTab/VisionFive**

**Q4 25**

**Developer preview with adaptive UI toolkit**

# Team

## Jenning Schäfer - Technically strong & user-centered thinking

**Many years of experience in full-stack development and IT project management**
Responsibility in all project phases: Conception, development, testing, rollout.

**Understanding of technology from hardware to the cloud**
Experience with complex software architectures, distributed systems & embedded devices.

**UX and UI design expertise for cross-platform systems**
Designing modern, intuitive interfaces with a focus on accessibility and consistency across devices.

**Leadership of international teams & technology migrations led**
Responsibility for new platform strategies and their implementation in a team environment.

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- **Full control despite openness:** Unique combination of open source & enterprise management.
- **True device interoperability:** Through open standards, not proprietary silos.
- **Scalable & modular:** From smartwatch to desktop in one architecture.
- **Growth platform:** Supports own hardware, software suite & cloud - potential like Apple, but open like Linux.

| | Ecosystem | no Ecosystem |
|---|---|---|
| **Business Cloud** | **open nexus**: (open, but centrally manageable - ideal for authorities, education, companies) | **Windows:** (Maximum control, but inflexible, no smart devices and expensive) |
| **no Business Cloud** | **MacOS/iOS:** (closed ecosystem, difficult enterprise management) | **Android**: (open, but insecure & difficult to control centrally) |

# Why now?

**RISC-V reaches market maturity - entry moment like ARM in the 2000s**

- Entry into hardware design has become scalable

**Political and social pressure for digital sovereignty**

- Government subsidies & regulatory requirements (e.g. GDPR, EU Chips Act) favor independent alternatives. European market for open SoCs.

**Windows & macOS losing appeal in the education and government sector**

- Complex license models, high costs, lack of flexibility - perfect opportunity for an open, controllable replacement.

**Increasing convergence of devices & need for comprehensive system architecture**

- Users and IT departments want an ecosystem - one system for all devices, from watch to desktop.

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