BLOCKSMITH

If nothing is stored, nothing can be stolen.

INVESTOR PROFILE // 2026
ECUBLENS, VAUD, SWITZERLAND

INC. DATE	HEADQUARTERS	STAGE	SOUGHT (M CHF)	SECTOR / INDUSTRIES
2026	Ecublens, Vaud	Seed	1.5 – 2.5	Cybersecurity, FinTech, HealthTech, Enterprise IT

Core Thesis: Keep the signal, not the material. BlockSmith removes stored secrets from enterprise infrastructure so breaches yield zero recoverable assets.

01 // PROBLEM

Enterprise security relies on centralized credential vaults and static encryption keys. When attackers breach these stores, held secrets create severe regulatory liability under Swiss FADP, FINMA, and GDPR rules. Rigid password rotations and account lockouts also slow down daily work while failing to stop credential theft and social engineering.

02 // SOLUTION

BlockSmith delivers **Your Unphishable Presence (YUP)** and the **ZeNiX** identity layer—a vaultless authentication and data governance system. Instead of storing keys or personal records, BlockSmith derives authorization on-the-fly from a user's live **Kinetic Identity Signal** and software unclonable functions. Enterprises verify identity and govern data without ever holding secret material, removing breach liability.

03 // TECHNOLOGY

Our **Zero Material** architecture combines **Zero-Material Projection (ZMP)**, **Verifiable Oblivious Pseudorandom Functions (VOPRF)**, and **Groth16 zero-knowledge circuits**. To protect secrets in memory during active use, keys undergo temporal phase splitting: they exist briefly while the user is present (**Syncop**) and vanish when absent (**Hush**). Behavioral feature selection pairs with Shamir secret sharing to reconstruct deterministic entropy without storing biometric templates—putting human intent first through **Engineered Kindness**.

04 // TRACTION

- **Commercial Validation:** Secured a Letter of Intent with KimboCare for Project Amorphic, alongside active enterprise architecture engagements for regulated financial institutions.
- **Ecosystem Recognition:** Selected for Tech4Trust Season 8 (2026–2027) and awarded the Consensus Award for Innovation.
- **Technical Readiness:** Operational Zero Material protocol engine, behavioral entropy models, and enterprise integration bridges designed for strict regulatory compliance.

05 // FUTURE GROWTH

- **Beachhead (2026–2027):** Deploy compliance-driven liability reduction across Swiss financial, healthcare, and regulated enterprise teams.
- **Scale (2028+):** Expand across DACH and European markets via direct enterprise licenses, Resilience-as-a-Service subscriptions, and success-based protection fees.
- **IP Foundry Model:** Keep R&D and core protocol engineering in Ecublens while scaling international commercial distribution through dedicated regional entities.

06 // USE OF FUNDS

A **CHF 1.5M to 2.5M Seed round** funds 18 months of execution. Roughly **60%** expands the Ecublens IP foundry and protocol hardening, while **40%** supports enterprise deployments, compliance audits, and commercial growth across Switzerland and Europe.

07 // TEAM & CONTACT

Led by **Dr. Michel G. Combes, PhD (Founder & CEO)**, a cryptography and systems architect based in Ecublens, Vaud, Switzerland, supported by specialized engineering leads across protocol design, cognitive risk orchestration, and enterprise integration.

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SAFEGUARDS: Zero Material · Digital Dignity