

ALEXANDER SMIRNOV

718.759.8397 · me@alexsmirnov.us · linkedin.com/in/alexandervsmirnov

CIO · CTO · VP of IT · CISO

Hands-on infrastructure, security, hybrid cloud, and applied AI

SUMMARY

Hands-on technology leader who still designs, builds, and operates the stack — hybrid and private cloud, information security, product engineering, and the controls that keep live environments running. Twenty-plus years as VP, Head of IT, senior administrator, and the person who takes over inherited infrastructure without breaking the business.

DeepCity, Inc. is the independent practice used since 2009 for consulting, diligence, applied R&D, and contracted operating work. Recent assignment through DeepCity: Integra City (2024–2026) — holding operations and program delivery for a national public-private program. Employed operating roles before that: VP of IT and CISO function at Verisk Financial / LCI; co-founder and hands-on CTO at Vehiko.

Seeking a full-time CIO, CTO, VP of IT / Infrastructure, CISO, or Head of Platform role.

EXPERIENCE

DeepCity, Inc. · Principal — infrastructure, security, compliance, automation **Dec 2009 – Present**

United States. Predecessor Heaven ENT Networks (2004–2009); practice from 2000. Independent vehicle for consulting, diligence, R&D, and contracted operating assignments.

- Operated a retail private cloud (2008–2023) for hedge funds (\$10–50M AUM class), medical offices, and real-estate firms; replaced closet-server estates with managed infrastructure that the client could keep running.
- Live-environment compliance on inherited stacks: PCI, HIPAA, SOC 2, SOX, HITRUST, NIST, ISO 2700x, CMMC. Third-party diligence for CrossLake on investments and acquisitions — infrastructure, DevOps, SDLC, and control gaps.
- Hands-on architecture for startups and funds: application and cloud design, future compliance, DevOps / AIOps, microservices and containers, IaaS / SaaS, vendor management.
- Applied R&D: low-power compute cluster (Raspberry Pi / NVIDIA Jetson) for a generation-side hedge-fund client; NVIDIA microcomputer boards for machine-learning object recognition; LAMP and Docker hosting on micro-compute.
- Listing and exit support on the technology side: Full Circle (Connecticut hedge fund) through IPO process; BoatQuest and ClickPay through sale.

Technology Integrity Council · Member **2026 – Present**

Nonprofit standards body.

- Contribute to procedures for AI development and infrastructure inside defined ethical bounds; work toward core standards plus training and certification.

Integra City · Operating assignment via DeepCity (contractor) **Jan 2024 – Jul 2026**

Not Integra employment. Contractor relationship performed through DeepCity. Holding operations, controls, and program delivery.

- Stood up the operating layer: entities, roles, processes, and reporting. Wrote 223 governing and policy documents so the group could run as a controlled company.
- On the ground in Uganda from February 2024 supporting ITMS, a national public-private program: contract structure, operational readiness, and the path from award to first revenue (November 2024).
- Worked the technical offer as an integrator — Smart City, Safe City, e-Government, and border / strategic-asset protection — on communications, power, environmental controls, and AI data processing. Reach: East Africa, North Africa, the Middle East, Central Asia, and South-East Asia.
- Day-to-day work with Technology and Corporate IT; working sessions with vendors and public-sector counterparts so delivery and operations used the same facts.

Vehiko.com · Co-Founder & Chief Technology Officer **Dec 2021 – Dec 2023**

Reverse-auction marketplace for vehicle sales. New York.

- Owned product and technology with the founding group: reverse auction, dealer-side machine learning, buyer-side chatbot in place of classical search.
- Negotiated data-vendor integrations so listings, pricing, and auction state sat on one pipeline.
- Built the chatbot and an ML trader meant to lift a single dealer operator's throughput by an order of magnitude and cut operating expense.
- Shipped a gamified buyer path with platform-protected pricing. Hired the technical team and stayed in the daily engineering work.

Verisk Financial / LCI · VP of IT · CISO function **Nov 2016 – Mar 2019**

Burlingame, CA. Retail, fraud-prevention, and bankruptcy product lines.

- Took ownership of a ~700-product estate and moved it toward SaaS on a hybrid cloud. Metadata model aligned to new state and global regulation.
- About 20% revenue lift tied to faster, cheaper customer onboarding. Automated intake error analysis and parsing with ML so fewer hours sat in manual cleanup.
- Ran the technology organization and the CISO function. Led 17+ audits: PCI, SOC 2, SOX, SSAE18, DoD, DMF, HIPAA, and related frameworks.
- Board-level budget and KPI reporting. Major accounts included Visa, Bank of America, and Comcast.

EARLIER ROLES

- Applied IT Group — Management Consultant (Apr 2014 – Nov 2016). Architecture, operations, and delivery support for client technology organizations.
- Value Line — Director of IT, portfolio management and analytics (Feb 2013 – Apr 2014). Platform and data operations for investment research products.
- Martha Stewart Living Omnimedia — Acting VP, Infrastructure (Oct 2010 – Jan 2013). Day-to-day infrastructure ownership for a media company in transition.
- Visual Trading Systems — Head of IT, FX broker and clearing (Jan 2006 – Dec 2009). Trading-floor and clearing infrastructure; uptime and controls.
- Heaven ENT Networks — Independent Consultant (Apr 2004 – Jan 2006). Hands-on infrastructure and systems work; predecessor to DeepCity.
- Lazard Frères & Co. — Senior System Administrator (Oct 2000 – Jan 2004). Production systems inside a financial institution.
- Capital Key Advisors — System Administrator (Dec 1999 – Oct 2000). Wall Street fintech operations.

TECHNICAL COMPETENCIES

Hybrid and private cloud • IaaS / SaaS • Containers, microservices, DevOps / SDLC • ERP/CRM • Applied AI / ML in product and operations • Smart City / Safe City / e-Government platforms • PCI, HIPAA, SOC 2, SOX, HITRUST, NIST, ISO 2700x, CMMC • Policy, audit, and live-environment controls • Vendor and data-pipeline integration • Infrastructure takeover and gap closure

EDUCATION & CREDENTIALS

MBA, The Open University (2017–2019). B.S. Computer Science, cum laude — Moscow State University of Instrument Engineering & Computer Science (1996–1999); concentration: mathematical models.

ITIL • CEH • CISSP • Harvard Business School, Experienced Leader