

ALEJANDRO FERNÁNDEZ GONZÁLEZ

AI-Augmented Head of Cybersecurity Department · Head of Compliance · Information Security Officer · ISO 27001 & ISO 42001 Lead Auditor

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PROFESSIONAL SUMMARY

AENOR-certified **ISO 27001 & ISO 42001 Lead Auditor** with an MSc in Artificial Intelligence, applying AI to cybersecurity and compliance. Strategic and analytical professional leading cybersecurity, compliance and IT governance initiatives. Currently **Head of Cybersecurity Department · Head of Compliance** at Process Control, leading a team of 3, where I run the corporate ISMS as *Information Security Officer* and integrate **ISO 27001, ISO 42001 (AI Management System), ENS and NIS2** into practical, efficient systems that reduce bureaucracy while ensuring full compliance. Since April 2026 I also work independently: **multiple ISO/IEC 42001 internal audits** delivered as Lead Auditor for an external client (under NDA), and a collaboration with the German certification body **intellcert GmbH** as an appointed **ISO/IEC 27001 Auditor**. I transform complexity into measurable results by aligning technology, security, AI-augmented automation and people management to strengthen organisational resilience.

CORE COMPETENCIES

- ISO 27001 & ISO 42001 Lead Auditor
- AI governance and EU AI Act readiness
- NIS2 and ENS readiness for tech SMEs
- Cybersecurity governance, risk & compliance (GRC)
- Risk management & business continuity planning
- AI-driven security automation
- Microsoft Security stack: Microsoft Defender for Endpoint and Office 365, Intune (MDM), Purview (DLP), Entra ID; Sentinel (deployment planning)
- Process standardisation & documentation
- Department supervision, team mentorship & performance optimisation
- Artificial intelligence & machine learning

PROFESSIONAL EXPERIENCE

Independent Auditor & Consultant — ISO/IEC 42001 · 27001 | Alex Fernández Lab — *Apr 2026 – Present · Asturias, Spain · Remote*

- Delivered **multiple ISO/IEC 42001 (AIMS) internal audits** as Lead Auditor for a Spanish technology company (2026, client under NDA): audit plan, clause 4-10 and Annex A checklists, findings report and register of non-conformities and improvement opportunities.
- I collaborate with **intellcert GmbH** (German certification body) as an appointed **ISO/IEC 27001 Auditor** (Jul 2026). Third-party audits from Sep 2026.
- Active impartiality management (ISO/IEC 17021-1): proactive conflict declaration; never third-party auditing of organisations I have advised.
- ISO/IEC 27001 and 42001 consulting and implementation (ISMS & AIMS), EU AI Act readiness, fractional vCISO, ENS and NIS2 for vendors selling to public administration.

Head of Cybersecurity Department · Head of Compliance | Process Control — *Sep 2026 – Present · Barcelona, Spain · Hybrid*

Head of Cybersecurity & Compliance — *Mar 2025 – Aug 2026*

- Head of the Cybersecurity department. Since Sep 2026 I lead a team of 3 direct reports (Business Analyst, Product Owner and a junior profile); before that I ran the function on my own.
- Lead the corporate ISMS as **Information Security Officer**, ensuring alignment with **ISO 27001, ENS and NIS2**.
- Led the company's **first ISO 27001 external certification audit to zero non-conformities**, designing the entire process from documentation restructuring and risk analysis to the final audit.
- Perform internal audits personally as **AENOR-certified ISO 27001 Lead Auditor** — delivered the company's first fully in-house audit cycle in 2026, **saving over €4,000 a year** in external consultancy and passing the DNV external audit with zero non-conformities.
- Deployed the Microsoft security stack in production: Defender for Endpoint (level 2) and Defender for Office 365, Intune (MDM) and Purview (DLP), integrated with Entra ID; and designed the SIEM deployment plan (Microsoft Sentinel).
- In 2026, **hardened email protection (Defender for Office 365) across all 208 company mailboxes** and **daily security operations on Defender XDR**: 14 full tenant reviews and 200+ security tickets handled.
- Platform migrations delivered with compliance intact**: endpoint protection from Trend Micro to **Defender for Endpoint across 130+ devices** — resolving Defender's passive mode, which had been leaving real protection on the outgoing product — and device management from Miradore to **Microsoft Intune across 140+ devices**, with compliance baselines enforced from Intune.
- Purview DLP policy set built from scratch**: 5 custom policies mapped to GDPR and ISO/IEC 27001; fixed the self-notification loop that was flooding the system and **cut the incident queue by more than 75%**, leaving only actionable alerts.
- Awareness programme with a measured outcome**: the **simulated-phishing click rate fell from 29% to 5% in 12 months**, with remedial training auto-assigned on failure. **14 phishing and training campaigns delivered in total across 5 organisations**.
- AI-Augmented compliance & cybersecurity layer**: integrate Claude Code, Microsoft Copilot and custom AI automations into daily ISMS, governance and SOC operations — measurable reductions in evidence drafting, alert triage, policy review and executive reporting cycle times, while keeping auditor judgement on every output.
- AI governance at the company**: I drafted the AI acceptable-use policy, set up the recurring security review of AI tools and the approval process for AI connectors (MCP and SaaS), and issue the security and data-protection opinions on the tools the business asks for.

- Designed and implemented the corporate **business continuity and contingency plan**, validated under real conditions during Spain's nationwide blackout (April 2025).
- Chair the corporate **Security Committee**; member of the company's **AI Committee** and Technical Leaders group.
- Report directly to management on risk mitigation, compliance status and departmental performance.

Product Owner — Microsoft 365 | Process Control — *Sep 2026 – Present · held alongside the Head of Cybersecurity role*

- Product Owner for the Microsoft 365 area: the company's internal platform and the client-facing service.

IT Systems Team Lead (*Supervisor, Systems Department*) | Process Control — *Apr 2025 – Apr 2026 · Barcelona, Spain · Hybrid · held alongside the Head of Cybersecurity & Compliance role*

- **Direct line management of the systems technicians**: monthly one-to-ones, performance tracking and KPI dashboards.
- **Hired, trained and onboarded 4 systems technicians in 2 months.**
- Project monitoring, departmental planning and monthly forecasting.
- Productivity, customer-satisfaction and stakeholder oversight on large projects.

Cybersecurity Officer | Process Control — *Jan 2025 – Mar 2025 · Barcelona, Spain · Hybrid*

- Managed ISMS operations and internal audits as part of the ISO 27001 implementation phase.
- Supported risk assessment, risk treatment planning and SoA documentation.
- Contributed to vulnerability assessments and compliance monitoring activities.

Systems Technician | Process Control — *Oct 2024 – Jan 2025 · Barcelona, Spain · Hybrid*

- Provided technical support and system optimisation, with a focus on Odoo and internal tools.
- Supported early ISO 27001 implementation tasks and documentation management.
- Collaborated with multiple departments to align technical operations with security requirements.

Independent Cybersecurity & Compliance Consultant | Independent Practice — *Apr 2020 – Nov 2023*

- Technical and compliance consulting for own clients: network and **distributed-network** architecture and security, custom development, and security-posture reviews.
- Client acquisition and delivery through **Upwork** and direct contact.
- Reference engagement: backend development (PHP, JavaScript, Python) on production code, with Git and database management, **Sept 2022 – Feb 2023.**
- Practice closed in Nov 2023 on starting a Computer Engineering degree.

Co-Founder | C.Cantábrico — *Mar 2019 – Feb 2020 · Oviedo, Spain*

- Co-founded an **incorporated company** and directed multidisciplinary teams (legal, financial, technical and educational).
- Technical work: emerging technologies, **distributed networks** and development.
- Team management and coordination, operations and business development.

Technology & Cybersecurity Instructor | Independent teaching practice — *Sep 2017 – Oct 2019 · Asturias, Spain*

- **Paid** in-person and remote training for students, business professionals and legal practitioners.
- Topics: **cybersecurity**, **technical audits**, emerging technologies, **distributed networks** and cryptography fundamentals.
- Course content tailored to each group's technical level.

Founder & Main Coordinator | Asturias Blockchain — *Mar 2017 – Jan 2025 · Asturias, Spain*

- Founded and led the first blockchain organisation in Asturias (600+ registered accounts).
- **Technical, consulting and advisory work** on emerging technologies and digital security, alongside running the organisation.
- Talks and workshops across Spain; press, radio and television coverage.
- *Non-profit activity.*

KEY ACHIEVEMENTS

- **Two consecutive ISO 27001 external certification audits closed with zero non-conformities** (DNV, as ISMS owner), plus multiple ISO/IEC 42001 internal audits delivered as Lead Auditor for an external client (under NDA). The 2026 cycle ran entirely in-house, without external consultancy.
- **Multiple ISO/IEC 42001 internal audits** delivered as Lead Auditor for an external client (2026, under NDA) — a rare profile at a moment when AI management system certification is scaling across Europe.
- Collaborating with a German certification body as an appointed **ISO/IEC 27001 Auditor** (intellcert GmbH, Jul 2026).
- **Reduced audit cost by internalising the compliance function: over €4,000 saved a year**, with the 2026 internal audit run by me as Lead Auditor instead of an external consultancy.
- Deployed the Microsoft security stack (Defender for Endpoint and Defender for Office 365, Intune MDM, Purview DLP), designed the SIEM deployment plan (Microsoft Sentinel) and developed proprietary AI solutions for automated compliance and security monitoring.
- Designed and validated the corporate contingency plan during Spain's nationwide blackout (April 2025).
- **Simulated-phishing click rate down from 29% to 5% in 12 months; 14 campaigns delivered across 5 organisations; and DLP incident queue cut by more than 75%** after rebuilding the Purview policy set.
- Security operations for the company (150+ employees) and for client organisations of 2,000+ employees: digital forensics, incident response and end-to-end vulnerability management.

For a complete overview of professional milestones and key projects, visit: www.alexfernandezlab.com/cv

EDUCATION & CERTIFICATIONS

Education

- Computer Engineering — Universitat Oberta de Catalunya (Spain), Ongoing
- AI Master — BIG School, 2026

Selected Certifications (39 total)

- ISO 27001 Lead Auditor — AENOR / IQNet, 2025
- ISO 42001 Lead Auditor — AI Management System, 2026
- ISO 27001 Internal Auditor — AENOR, 2025
- SC-200 Microsoft Security Operations Analyst — Microsoft, 2025
- Information Security in Microsoft 365 (115 h course, SC-401 syllabus) — Microsoft / Nanfor, 2026
- Claude Code in Action — Anthropic, 2025
- IT Specialist – Cybersecurity — Certiport, 2024
- Cisco Certified Support Technician – Cybersecurity — Cisco, 2024
- Advanced Cybersecurity in OT Environments (IFCT0050) — SEPE, 2024
- Data Science: Machine Learning — Harvard University, 2024
- Artificial Intelligence with Python — Harvard University · CS50, 2026
- Microsoft Certified: Security, Compliance & Identity Fundamentals — Microsoft, 2022
- IBM DevOps and Software Engineering Professional Certificate — IBM, 2022
- AWS Cloud Solutions Architect — Amazon, 2023

Full certification list (39): alexfernandezlab.com/cv

LANGUAGES

Spanish — Native · English — C1 Advanced · Russian — Basic