

BALTASAR COLLANTES GINER

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PROFESSIONAL SUMMARY

Senior IT Architect with 20+ years of experience designing and implementing enterprise infrastructure, hybrid cloud platforms, DevOps and security architectures across banking, telecommunications and engineering. Specialized in regulated environments, high availability, observability and IAM/PAM governance aligned with international standards (ISO 27001, NIST, ENS).

CORE SKILLS

- Hybrid Cloud & Infrastructure Architecture (OpenStack, Azure, AWS)
- Platform & Container Architecture (OpenShift)
- DevOps & CI/CD (Azure DevOps, automation)
- Security Architecture (IAM, PAM, Zero Trust, ENS/ISO alignment)
- High Availability & Continuity (DR, SLI/SLO/SLA)
- Observability & Monitoring (Prometheus, Grafana, ELK)
- Databases & Clustering (Oracle, Oracle RAC/DBaaS; MySQL/DB2)

PROFESSIONAL EXPERIENCE

IT Risk & DevOps (Platform/Architecture) — HCL Technologies (Client: ING)

2021 – Present

- Migrated assets from OpenShift 2.1 to OpenShift 3.x; improved certificate management (autocert) and autoscaling (autoscaler).
- Azure DevOps deployments: repository setup, CI/CD pipelines, deployments to Dev/Test/Acceptance and production readiness.
- Defined per-asset security and validated compliance with Bank of Spain / EU requirements.
- Created firewall rules for communications between pods, databases, Kafka topics and internal banking components.
- Implemented logging (ELK, syslog-ng), IAM (roles/policies) and monitoring/alerting (Prometheus/Grafana).
- Defined SLI/SLO/SLA; executed DR tests and runbooks; performed stress tests with k6 when required.
- Atlas project: built an API to search and trace network segmentation and firewall rules per asset.
- Created IT risk compliance checklists covering asset components and controls.

Systems Architect — Telefónica Spain

2015 – 2021

- Designed and implemented physical monitoring for servers and SAN storage using iLO/IMM/RSA/TSM/iDRAC.
- Developed monitoring plugins (Nagios/WOCU) for servers, EVA storage, NAS and PMS environments.
- Performed security and network audits (e.g., Lynis) for international clients; forensics and documentation.
- Designed a unified admin console (Apache Guacamole) integrating protocols (RDP/VNC/SSH).
- Architected private cloud (OpenStack) and deployed services (ownCloud) on Debian/Galera.
- Administered Wintel/Unix/Linux/AIX systems and databases (Oracle, MySQL, SQL Server, DB2).

Lead Systems Architect — Sahiga, S.L.

2009 – 2014

- Architected and built MASTIM 1.0, a unified IT monitoring and management platform.
- Integrated Nagios/Cacti, sensors, forensics (rsyslog), documentation (Racktables/Alfresco) and incident management (Mantis).
- Designed Active/Active high availability with Pacemaker on Debian.

Systems Architect — Telefónica Móviles, S.A. (Madrid)

2007 – 2009

- Implemented Bitácora 3.0 (forensics and log centralization).
- Architecture and performance improvements; Active/Passive clustering; training for users and admins.

IT Security Manager / Architect — Wolters Kluwer Spain (Madrid)

2005 – 2007

- Led IT security: audits, ethical hacking, backup and mail security.
- Consolidated Active Directory (OUs, GPOs, WSUS, IIS roles).
- Implemented Oracle RAC clusters (OCFS) and managed RMAN backups.
- Managed firewall/DMZ migrations; virtualization (VMware).

PERSONAL PROJECT (OUTSIDE HCL)

AEGIS – Advanced Enterprise Governance & Identity System — AEGIS Technical Owner / IAM-PAM Security Architect

URL: <https://aegis-identityfabric.com/>

Designed and led the technical architecture of AEGIS, a reference framework for unified identity and access governance in hybrid environments (OpenStack, Azure, AWS). Advanced integration of IAM (INDIGO IAM, XOMS) and PAM (JumpServer) under a Zero Trust model and aligned with international standards (ISO 27001, NIST 800-207, ENS, CIS Controls).

Key responsibilities:

- Designed the Access Fabric architecture: federation, orchestration and centralized auditing.
- Implemented multi-cloud integration (OpenStack, Azure, AWS) independent of native IAM.
- Defined technical roadmap (2025–2027) and security maturity governance.
- Regulatory alignment (ENS High, ISO 27001, Zero Trust).
- Produced executive and technical documentation for management and auditors.

Key achievements:

- Removed dependency on Azure/AWS native IAM via federated control through JumpServer.
- Pioneering converged IAM/PAM model applied over OpenStack.
- Internal presentation approved for pilot phase and maturity assessment (2026).

ARGOS — Autonomous Resilience & Governance for Operational Systems (Founder / Architect)

- Autonomous operations framework (AIOps) with closed-loop remediation: detection, reasoning, action, verification.
- Integration of observability data with automated remediation workflows.
- Focus on service recovery automation and certificate lifecycle management.

DAEDALUS — Dynamic Architecture & Engineering for Deployment Automation (Founder / Architect)

- Automated Low-Level Design (LLD) generation platform for Azure, OpenStack, AWS, and on-prem environments.
- Transformation of HLD and requirements into consistent technical documentation and validation models.
- Foundation for future Infrastructure-as-Code and architecture automation pipelines.

EDUCATION

- 2005 — Technical Engineer in Computer Science, UNED
- 1996 — Degree in Physics, Complutense University of Madrid (UCM)

CERTIFICATIONS & TRAINING

- Master in Digital Project Management (Agile) — 2025
- CRISC (pending) — 2024
- CCIE — 2014
- CISM — 2006
- CISA — 2005
- CCSP — 2008 | CCNA — 2007
- PCP – Puppet Certified Professional — 2012
- NetApp NS0-502 / NS0-510 / NS0-156 | Oracle RAC 10g

- HP-ASE (Network Architect, HP-UX Administrator, Data Center & Cloud Architect)

LANGUAGES

- Spanish: Native
- English: Advanced