

JUAN J. CANO-SELLES

Spanish National (EU/EFTA) | Automatic Work Authorization | Relocating to Switzerland

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English: C2 | German: B2 (Professional working proficiency) | Immediate Availability

EXECUTIVE PROFILE

Technical Program Manager: Global Cloud Governance & Transformation

10 years experience scaling global digital services, bridging 5 years of distributed cloud governance with 5 years of hardware leadership across the connectivity chain.

- **Cloud Scaling:** Decomposed legacy monoliths into event-driven architectures (Kafka, AWS) to deliver 99.9% availability for a 4M+ vehicle fleet; expanded operations from a single team to a five-team Agile Release Train.
- **FinOps & Governance:** Reduced cloud unit-costs by 30% through architectural optimization while directing multi-team delivery and enforcing GDPR and global regulatory compliance (China RTM, eCall).
- **Systems Integration:** Managed the hardware-to-cloud bridge using technical experience in Electronic Control Unit integration, RTOS firmware development (C/C++), and high-availability API design.

WORK EXPERIENCE

CARIAD SE | Technical Program Manager (Senior Product Owner)

Wolfsburg, Germany | Nov 2020 – Aug 2025

- Directed the Service Activation Cluster, managing the end-to-end roadmap and ensuring 99.9% operational uptime for an ART of five DevOps teams delivering digital services for a 4M+ vehicle fleet.
- Led the transition to an event-driven architecture (Kafka, SNS/SQS), eliminating monolithic dependency bottlenecks to enable asynchronous scaling and platform-wide notification services.
- Deployed the technical infrastructure for Functions on Demand (FoD) and custom B2B fleet services for partners like Avis and Sixt, unlocking the commercial launch of pay-per-use digital features for the Volkswagen Group.
- Enforced a multi-year FinOps program achieving a 30% unit-cost reduction on AWS through architectural redesign of database access patterns and optimized logging/reconciliation frequencies.
- Governed global regulatory constraints, including China's RTM, EU eCall standards, and architectural separation of physical databases to meet North American sovereignty demands.

SEAT S.A. | Technical Project Lead (Connectivity Systems)

Barcelona, Spain | Mar 2019 – Nov 2020

- Synchronized hardware and software release cycles for connectivity modules (OCU2 to OCU4), ensuring alignment with series production (SOP) milestones for three major vehicle lines.
- Steered the technical interface with Tier-1 suppliers (LG), prioritizing delivery of critical hardware revisions and development samples for firmware validation.
- Validated 100% compliance for safety-critical EU eCall regulatory standards, supervising high-stakes crash and homologation test preparations to ensure hardware and data survivability.
- Resolved integration blockers at the Technical Development Centre (CTS) by engineering diagnostic protocols and CAN-message mocking scripts to train cross-functional validation teams.

Akkodis | Systems Integration Engineer

Barcelona, Spain | Oct 2015 – Mar 2019

- Architected application logic and firmware for NFC-based IoT wearables and parking systems, managing strict power optimization and real-time constraints for resource-limited battery-powered devices.
- Developed custom Linux drivers for low-level connectivity modules and engineered hardware emulators (Python/Qt) to accelerate protocol validation workflows.
- Consulted for SEAT S.A. (6 months), leading software release validation and hardware-in-the-loop (HiL) testing for series-production connectivity units.

LANGUAGES & CERTIFICATIONS

- **Languages:** Spanish (Native), English (Native Level - C2), German (Professional working proficiency - B2 Certified)

- **Certifications:** PMP (2025), SAFe PO/PM (2021)

EDUCATION

Master of Science in Telecommunications Engineering

Miguel Hernández University, Spain | 2015