

# Juan Cano-Selles

Technical Program Manager — Cloud Platforms, Distributed Systems, Consumer Systems

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## Profile

- TPM with **8+ years** delivering backend, platform, and cloud programs across 12+ engineering teams.
- Skilled in ambiguity-heavy execution: dependency mapping, migration planning, risk frameworks, launch readiness.
- Engineering-focused: API/interface alignment, microservices adoption, consolidation, cloud migration feasibility.
- Delivered large-scale backend capabilities supporting **4M+ vehicles** across global brands.

## Core Technical & Program Qualifications

- Distributed systems, microservices, API boundaries, CI/CD; AWS, Azure, Kubernetes, Docker.
- Execution frameworks: OKRs, critical path, SLO visibility, structured governance.
- Cross-org leadership across backend, infra, data, QA, security, operations.
- Extensive experience in multi-cloud migration, system consolidation, and cross-team delivery alignment.

## Professional Experience

### Senior Technical Program Manager — Backend Platform Consolidation

CARIAD SE (Volkswagen Group), Wolfsburg, Germany

Mar 2024 – Sep 2025

- Led unification of multiple backend platforms into a single cloud architecture, coordinating **12+ backend/infra/data/security teams**.
- Directed the **AWS Migration Acceleration Program** with AWS Munich and VW Seattle (Azure), creating a unified multi-cloud migration strategy.
- Established an execution framework (OKRs, checkpoints, governance cadence) improving predictability across org units.
- Supported design reviews on API boundaries and backend integration strategy; mapped dependencies across **6** org units.
- Managed an **8-figure vendor portfolio**, aligning cost objectives with consolidation roadmap.

### Technical Program Manager — Cloud Activation Platform

CARIAD SE, Wolfsburg, Germany

Nov 2020 – Mar 2024

- Delivered the global **Cloud Activation Platform** enabling digital services across brands; key components included *shop frontend, license-lifecycle backend, Portfolio Configurator, Capability Evaluator, and Permissions Manager*.
- Ensured **99.9% availability** (VW “Platinum” tier) as activation logic underpins legally required EU eCall service enablement.
- Scaled platform from **10k to 4M** vehicles; coordinated backend, data, security, QA, and operations across regions.
- Achieved **70% OPEX reduction** through architectural simplification and automated validation workflows.
- Reduced regression complexity by driving migration from monolithic backend to microservices architecture.
- Improved execution via unified OKRs, KPI alignment, structured cross-team syncs, and cross-brand launch-readiness criteria.

### Engineering Program Lead — Connectivity Systems

SEAT S.A., Barcelona, Spain

Mar 2019 – Nov 2020

- Delivered the Online Connectivity Unit (OCU) across **20+ EU markets**, coordinating hardware, software, QA, security, and regulatory bodies.

- Ensured compliance with EU **eCall safety requirements**, requiring post-crash survivability and operation without vehicle power.
- Led homologation & validation (crash, EMC, vibration), ensuring reliability, availability, and regulatory readiness.
- Improved ECU update workflows (~50% workshop time) and automated supplier sample control (~90% manual effort).

### **Systems Integration Engineer – IoT & Automation**

*AKKA Technologies, Barcelona, Spain*

Oct 2015 – Mar 2019

- Built CI pipelines and automated testing workflows increasing reliability for connected/IoT systems across OEM programs.
- Coordinated software, QA, and systems engineering teams to deliver features under evolving requirements.

### **Education**

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#### **Master in Engineering – Telecommunication (EQF Level 7)**

Miguel Hernández University, Spain — 2013

### **Certifications**

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- Project Management Professional (PMP), 2025
- SAFe Product Owner / Product Manager, 2021

### **Technical Skills**

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- Cloud:** AWS, Azure, Kubernetes, Docker
- Systems:** Microservices, APIs, distributed systems
- Execution:** OKRs, critical path, SLOs, risk frameworks
- Tooling:** CI/CD, Jira, Confluence, Power BI