AUMOVIO

ADAS Project Security and Privacy Manager

Tus actividades

1. Cybersecurity Senior Expert & Project Security and Privacy Manager

• Plan and execute project-wide security activities in accordance with the internal development process aligned with ISO/SAE 21434.
• Lead the Cybersecurity Concept and Security Architecture for Radar/Parking ECU products.
• Develop Threat Analysis & Risk Assessment (TARA) and coordinate review activities with OEMs.
• Evaluate and review security mechanisms such as Secure Boot, Secure Flash, and key management.
• Perform security reviews for software, in-vehicle network communication, OTA, and cloud connectivity (as required).
• Conduct vulnerability analysis (VARA), plan penetration testing, and manage corrective actions.
• Collaborate closely with system engineering teams, software teams, project managers, and other stakeholders.
• Ensure CSMS/SUMS compliance from development through production and operational phases for assigned projects.

2. Customer Cybersecurity Audit & Technical Negotiation

• Serve as the primary interface and accountable lead for Cybersecurity Audits and Technical Reviews conducted by Japanese OEMs.
• Provide technical responses and lead negotiations regarding cybersecurity requirements from Japanese OEMs.
• Coordinate preparation for Cybersecurity Audits in collaboration with internal cybersecurity teams and the Cybersecurity team at headquarters in Germany, and drive post-audit improvement planning and execution.

3. CS development milestone review

• Coordinate technical reviews with the Global Cybersecurity Team.
• Prepare required technical documents, software architecture descriptions, and risk analyses necessary for Gate/Milestone Reviews.
• Ensure alignment and compliance with internal cybersecurity processes.

シニア サイバーセキュリティー マネージャー

1. Cybersecurity Senior Expert & Project Security and Privacy Manager

• ISO/SAE 21434に準拠した社内開発プロセスに基づくプロジェクト全体のセキュリティアクティビティの計画・実施
• Radar/Parking ECU製品のCybersecurity Concept及びSecurity Architectureの主導
• Threat Analysis & Risk Assessment (TARA) の作成およびOEMとのレビュー対応
• Secure Boot Secure Flash 鍵管理などのセキュリティメカニズム検討・レビュー
• SW 車載ネットワーク通信 OTA Cloud連携（必要に応じ）のセキュリティレビュー

Job ID
REF6700Q

Área de trabajo
Engineering

Ubicación
Yokohama

Nivel de liderazgo
Leading People

Unidad jurídica
AUMOVIO Autonomous Mobility Japan K.K.

- 脆弱性分析　VARA　Penetration test計画、修正アクション管理
- システムエンジニアリングチーム、ソフトチーム　Project Managerなどとの連携
- 担当プロジェクトにおける開発フェーズから量産・運用フェーズまでのCSMS/SUMS対応

2. Customer Cybersecurity Audit & Technical Negotiation
- JOEMによるCybersecurity Audit　Technical Reviewの窓口および説明責任者
- JOEMのSecurity要求に対する技術的回答および交渉
- Cybersecurity Auditに向けた社内CS主管部署及びドイツ本社Cybersecurity Teamと連携した準備及び監査実施後の改善計画の策定と実行

3. HQ TeamによるGate Review対応
- Global Cybersecurity Teamとの技術レビュー調整
- Gate/Milestone Reviewの通過に必要な技術文書　S/Wアーキテクチャ、リスク分析の作成
- 社内CSプロセスとの整合性確保

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Technical Qualifications
- 3–5+ years of professional experience in automotive cybersecurity at a senior level.
- Strong expertise and hands-on experience with development processes aligned to ISO/SAE 21434 and UN R155/R156.
- Proven experience supporting cybersecurity process audits conducted by Japanese OEMs.
- Experience serving as the cybersecurity lead for ECU development projects.
- Deep knowledge of in-vehicle network communication technologies (CAN, CAN-FD, Ethernet, SOME/IP) and cryptographic techniques.
- Practical experience reviewing implementations of Secure Boot, key management, HSM, and firmware security.

Communication & Management Skills
- Strong communication skills with the ability to conduct technical discussions with Japanese OEMs.
- Business-level English proficiency enabling technical reviews with global cybersecurity team.
- Demonstrated leadership skills with the ability to drive cross-functional alignment across projects.

Language Requirements
- Japanese: Native or fluent business level (able to conduct technical discussions with customers in Japanese).
- English: Business level.

Technical
- 自動車サイバーセキュリティの分野で3~5年以上の実務経験　Senior レベル）
- ISO/SAE 21434　UN-R155/R156に基づく開発プロセスの深い理解と実務経験

- JOEMによるサイバーセキュリティプロセス監査の対応経験
- ECU開発プロジェクトでのCybersecurity責任者経験
- 車載ネットワーク通信 CAN/CAN-FD/Ethernet/SOME-IP および暗号技術に関する深い知識
- Secure Boot 鍵管理 HSM Firmware Securityの実装レビュー経験

Communication / Management
- JOEMと技術議論ができる高い説明能力
- Global Cybersecurity teamとのテクニカルレビューを自律的に実施できる英語力
- プロジェクト横断で関係者を巻き込むリーダーシップ

Language Skill Requirements
- 日本語：ネイティブ～流暢なビジネスレベル（顧客と日本語で技術的な議論ができる）
- 英語：ビジネスレベル

Lo que ofrecemos

Ready to take your career to the next level? The future of mobility isn't just anyone's job. Make it yours! **Join AUMOVIO. Own What's Next.**

Acerca de nosotros

Since its spin-off in September 2025, AUMOVIO continues the business of the former Continental group sector Automotive as an independent company. The technology and electronics company offers a wide-ranging portfolio that makes mobility safe, exciting, connected, and autonomous. This includes sensor solutions, displays, braking and comfort systems as well as comprehensive expertise in software, architecture platforms, and assistance systems for software-defined vehicles. In the fiscal year 2024 the business areas, which now belong to AUMOVIO, generated sales of 19.6 billion Euro. The company is headquartered in Frankfurt, Germany and has about 87.000 employees in more than 100 locations worldwide.