CYIENT

Senior Engineer / System Specialist / Architect

Telematics / Connectivity

Job Information

Hiring Company
Cyient K.K.

Job ID
1615925

Industry
IT Consulting

Job Type
Permanent Full-time

Location
Kanagawa Prefecture

Salary
7 million yen ~ 9 million yen

Work Hours
9am-6pm JST

Holidays
In accordance with company regulations

Refreshed
November 16th, 2026 07:00

General Requirements

Minimum Experience Level
Over 1 year

Career Level
Mid Career

Minimum English Level
Business Level

Minimum Japanese Level
Business Level

Minimum Education Level
High-School

Visa Status
Permission to work in Japan required

Job Description

≪Job Description & Position Highlights≫

- Lead telematics development end-to-end, from TCU integration and vehicle testing to cloud connectivity.
- Take on rewarding technical challenges by bridging OEMs and global teams and resolving issues across communication and vehicle systems.
- Build expertise in next-generation connected car technologies, including 4G/5G, GNSS, V2X, and in-vehicle communications.
- Leverage both Japanese and English while collaborating with global teams on advanced in-vehicle communication system development.

【Job Responsibilities】
We are seeking an experienced Telematics Senior Engineer / System Specialist / Architect to lead customer-facing engineering activities for telematics and connectivity systems at an automotive OEM.
The role covers TCU integration, vehicle-to-cloud connectivity, cellular communication, GNSS, V2X, and related vehicle communication technologies, acting as the primary bridge between the client's engineering organization and global development teams.

< Key Responsibilities >

- Act as the primary technical interface between the OEM and global engineering teams
- Lead TCU system integration, vehicle testing, and field validation
- Define and review telematics system requirements, architecture, and connected-vehicle standards
- Support 4G/5G, GNSS, Bluetooth, Wi-Fi, V2X functions, and analyze vehicle-to-cloud communication issues
- Troubleshoot CAN/CAN-FD, Automotive Ethernet, and diagnostic protocols (UDS/DoIP)
- Coordinate root-cause analysis, support cybersecurity requirements, and manage technical issues with global teams
- Participate in OEM design reviews and prepare technical documentation and reports in required languages

【Employment Type】
Permanent employee

【Salary】
700万円 ~ 900万円以上

【Working Hours】
9am-6pm JST

【Work Location】
Yokohama

【Holidays & Leave】
In accordance with company regulations

【Benefits & Welfare】
In accordance with company regulations

Required Skills

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- Strong experience in automotive telematics and Telematics Control Unit (TCU) systems
- Embedded C/C++ and/or Embedded Linux development
- 4G/5G, TCP/IP, GNSS, and cellular connectivity technologies
- CAN/CAN-FD, Automotive Ethernet, UDS, and DoIP diagnostic protocols
- Vehicle integration, log analysis, and system-level troubleshooting
- Language: Business/Native-level local language (N2 and above) and Business-level English

【Good to Have】

- Prior experience working directly with automotive OEMs
- Knowledge of V2X communication technologies and automotive cybersecurity standards

Company Description