Body Control Module — Senior Engineer / System Specialist

Job Information

Hiring Company
Cyient K.K.

Job ID
1614734

Industry
IT Consulting

Job Type
Permanent Full-time

Location
Kanagawa Prefecture

Salary
7 million yen ~ 9 million yen

Work Hours
In accordance with company regulations

Holidays
In accordance with company regulations

Refreshed
October 26th, 2026 00:00

General Requirements

Minimum Experience Level
Over 1 year

Career Level
Mid Career

Minimum English Level
Business Level

Minimum Japanese Level
Fluent Level

Minimum Education Level
High-School

Visa Status
Permission to work in Japan required

Job Description

≪Job Description & Position Highlights≫

- Lead customer technical support and system integration for BCM and vehicle body control systems
- Serve as the key technical interface between OEM teams and global engineering teams
- Drive vehicle-level troubleshooting and support the transition to next-generation zonal architectures
- Collaborate with global teams to enhance technical expertise and gain international experience

【Job Responsibilities】
We are seeking an experienced Body Control Module (BCM) Senior Engineer / System Specialist to lead customer-facing technical support and system integration for BCM and body control systems.
The role covers BCMs, zonal controllers, and associated vehicle functions (doors, seats, lighting, roof, and comfort systems), acting as the primary bridge between the OEM's BCM engineering team and global engineering units.

< Key Responsibilities >

- Act as the primary technical interface between OEM BCM/body electronics teams and global engineering units
- Lead BCM system integration and vehicle-level troubleshooting
- Define and review system requirements, interfaces, body function architecture, and BCM ECU integration
- Troubleshoot CAN/CAN-FD, LIN, Automotive Ethernet, and UDS diagnostic communications
- Coordinate root-cause analysis, software releases, configuration management, and change requests with global teams
- Lead vehicle testing, validation, and support the transition from conventional BCM to zonal/centralized architectures
- Participate in OEM design reviews, manage technical issues, and prepare specifications 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

【Required Skills】

- Strong experience in automotive Body Control Module (BCM) systems and software design
- Proficiency in Embedded C/C++ and AUTOSAR architecture
- Strong hands-on experience with CAN/CAN-FD, LIN, and UDS/diagnostics protocols
- In-depth knowledge of BCM ECU integration, vehicle troubleshooting, and body electronics architecture
- Understanding of Automotive Ethernet communication
- Language: Business/Native-level local language (N2 and above) and Business-level English

【Good to Have】

- Prior experience working directly with automotive OEM BCM engineering teams
- Familiarity with next-generation zonal controller architectures and domain consolidation

Company Description