



VERIFICATION VALIDATION (V&V) ENGINEER

 **Location:** Minato-ku, Tokyo | Full-time

Benefits

- Paid leave: 12–20 days + summer & year-end holidays
- Flexible working hours (no core time)
- Hybrid working style depending on project and customer requirements

Contract

- Base salary: competitive salary package depending on experience, technical expertise, and responsibilities
Typical range for engineering positions: approx. ¥5,000,000 - ¥10,000,000 p.a.
- Performance-based bonus and various allowances
- Defined Contribution (DC) retirement plan

ITK Engineering is a global technology company specializing in software and systems engineering. We support our customers from early concept phases through to deployment, turning complexity into intelligent and reliable solutions. Our portfolio ranges from embedded systems and classic software development to cloud-based solutions and artificial intelligence. ITK serves customers across industries such as automotive, industrial, railway, medical systems, agricultural and construction machinery, and motorsports.

Since 2017, ITK Engineering has been a wholly owned subsidiary of Robert Bosch GmbH.

Job Description

As a Verification & Validation (V&V) Engineer, you ensure that complex systems meet requirements for quality, safety, and performance across software, hardware, and system levels. You develop and execute structured test and validation strategies throughout the development lifecycle, contributing to reliable and high-quality system delivery.

Responsibilities

- Define and execute validation and test strategies
- Develop and maintain HIL/SIL/MIL and virtual test environments
- Perform functional, performance, and fault-injection testing
- Ensure requirements traceability and test coverage
- Analyze test results and support root cause analysis and defect resolution
- Support test automation and CI integration activities
- Collaborate with development teams to ensure product quality and reliability
- Support safety, regulatory, and compliance-related activities

Experience

- Experience in system testing, validation, or verification activities
- Hands-on experience with simulation and virtual testing environments
- Experience in safety-critical or regulated industries is a plus

Knowledge & Skills

- Strong understanding of testing methodologies and quality assurance processes
- Experience with HIL / SIL / MIL environments and test frameworks
- Familiarity with test automation and traceability tools
- Knowledge of safety standards such as ISO 26262 or IEC 62304 is a plus
- Structured, analytical, and detail-oriented mindset
- Fluent Japanese; English is a plus

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