VACANCY

Position: Senior Embedded Software Engineer
Business unit: UK Radar & Naval Solutions
Reporting to: Principal Engineering & Embedded Software Group Leader
Location: Enfield, United Kingdom

Job Scope

The Senior Embedded Software Engineer is responsible for the whole or an assigned portion of a design from preliminary specification through to verified software. The Senior Embedded Software Engineer provides expert knowledge of software design, test, and verification.

Job Functions

- To use good engineering practice to produce embedded software for new, innovative, and profitable products and solutions for the business.
- To support and enhance existing software in accordance with business and commercial requirements.
- To undertake defining a set of requirements for a feature/bug fix up to system level; design and document a solution that meets the requirements; and implement, test, and verify the design meets the requirements with supported test evidence.
- To write technical documentation including low level requirement specifications, test specification and functional description.
- Will be expected to take responsibility of a small project/work package. This will involve scoping the task and defining resources together with estimated time scales. Project ownership will involve monitoring project progress and reporting to stake holders.
- To be knowledgeable of HENSOLT UK working polices and implement them. Advise junior members of the team of the practices they should be following.
- To be responsible for building a software package for release; including configuring the release, raising the appropriate documentation, and chairing the release meeting.
- To be able to use test equipment such as: oscilloscopes, spectrum analysers, signal generators, etc. to test hardware on the bench running your implemented embedded software and verify it operates as expected.
- Technical liaison within and outside HENSOLDT UK with customers, suppliers, and collaborators on software related matters.
- Mentoring of junior members of the team and providing constructive feedback in code/document reviews.
- Travel within the UK & Germany may be required and is considered an occasional feature of this role. Requests could be made at short notice.
- Any other tasks associated with this role.

Qualifications

- An excellent master's or bachelor's Degree from a good university.
- 5 years or more experience working on embedded software designs.
- Proven track record of producing designs on time and within budget.
- Good command of written and verbal English
- Experience working on Radar or related DSP applications desirable.
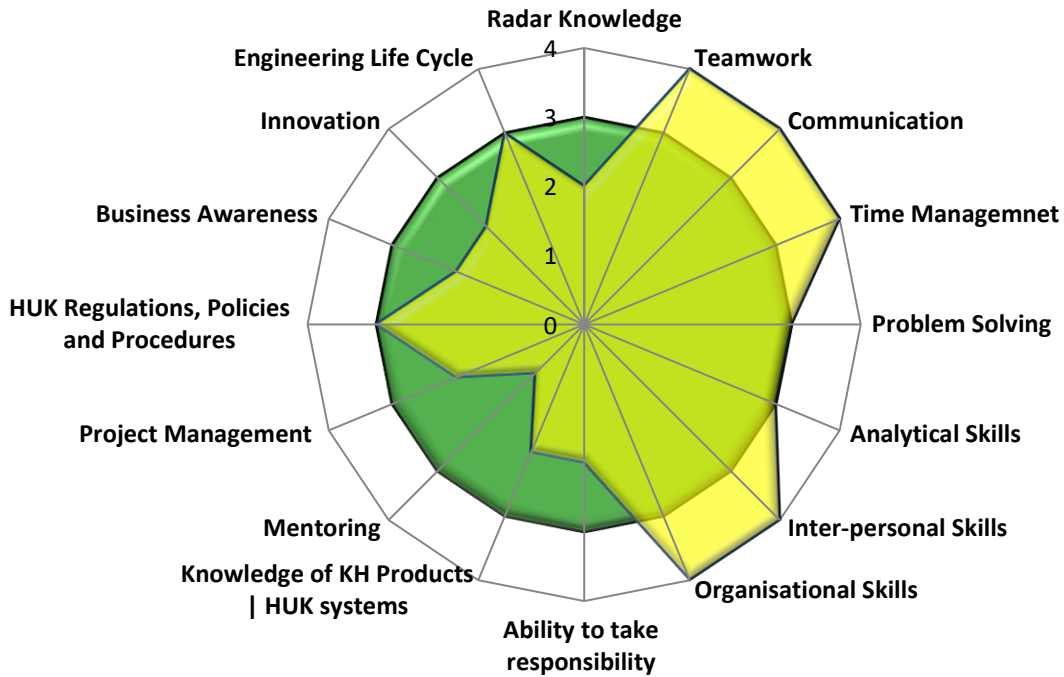
Employee Compliance

- The job holder will be expected to comply with any reasonable operational instruction or procedures relating to Company policies, reporting and controls. In particular Section 7 of the Health and Safety at Work Act 1974 provides a duty on every employee, while at work, to take reasonable care for the health and safety of themselves and of other persons who may be affected by their acts or omissions at work.
- It also places a duty on employees to cooperate with their employer so far as is necessary to enable their duties to be complied with including the appropriate use of personal protective equipment (PPE).
- Failure to comply with this duty may result in the Company invoking the disciplinary procedure.

About HENSOLDT UK

HENSOLDT UK, formerly Kelvin Hughes, is a world leader in the development, manufacture and supply of maritime navigation and surveillance radar systems. HENSOLDT UK employs over 170 employees and are headquartered in Enfield, North London. The company sets the international standard in solid state radar sensor technology with SharpEye and its market leading navigation and tactical radar display systems.
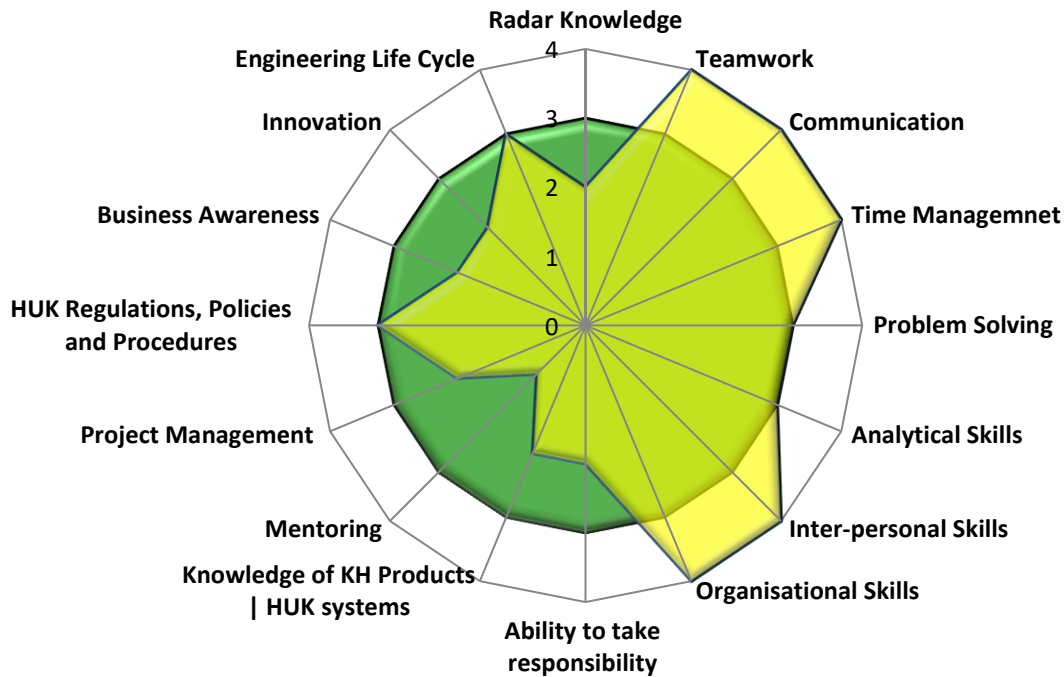
Generic Skills Profile

Chart axes (clockwise from top): Radar Knowledge, Teamwork, Communication, Time Managemnet, Problem Solving, Analytical Skills, Inter-personal Skills, Organisational Skills, Ability to take responsibility, Knowledge of KH Products | HUK systems, Mentoring, Project Management, HUK Regulations, Policies and Procedures, Business Awareness, Innovation, Engineering Life Cycle

Scale: 0, 1, 2, 3, 4

Legend: Skill Level

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Legend: Skill Level

Grading System:
0	No knowledge
1	General low level of competency
2	Competent in some respects
3	Competent in most respects
4	Fully competent in all aspects