

Software Product Assurance Engineer, job ref, JT/280	
Key Purpose Of Job	To coordinate all software product assurance activities with SSTL, in particular those associated with Galileo FOC.
Key Tasks	<ul style="list-style-type: none"> • Establish project specific software product assurance requirements to meet SSTL and customer requirements • Ensure effective plans are in place to deliver all work and work packages, to the defined quality level <ul style="list-style-type: none"> ○ For Galileo FOC, this quality level is defined by the Galileo Software Standard (GSWS) • Evaluations of proposed concepts, designs, and operations for compliance with software PA plans • Work with and support software engineers on PA related aspects of the software development • Ensure risks are identified, managed and communicated to Projects and Engineering • Audit SSTL subcontractors for compliance with SSTL requirements, including assessing the maturity of software processes (this will be against the GSWS for Galileo FOC) • Participation in progress meetings, design reviews, etc., including customer meetings • Other activities as delegated
PERSON SPECIFICATION (essential requirements)	
Experience	<ul style="list-style-type: none"> • Several years experience of Software PA using recognised industry standards. • Experience of space technologies is advantageous • Knowledge of ESA PA requirements and practices, including Software Standards, would be a considerable advantage • Exposure to the Galileo Software Standard would be an advantage but not essential • Exposure to SEI level 4 / 5 practices
Knowledge & Skills	<ul style="list-style-type: none"> • Excellent communication skills • Commitment to deliver • Good written, interpersonal and customer presentation skills • Organised approach • Good planning skills • Competent use of a computer and all standard office software • Proficient command of the English Language and ability to produce a high standard of documentation and reporting. • Sufficient mathematical skills to undertake reliability and other statistical calculations. • Good people management skills, able to motivate individuals and the team to work within good QA principles. • Able to work using own initiative.
Additional Responsibilities	<ul style="list-style-type: none"> • Involvement in SSTL software peer reviews • Internal Software Quality Audits
Location	<ul style="list-style-type: none"> • Guildford, Surrey