

MOD SKYNET

ENGINEERING ASSURANCE

SATELLITE COMMUNICATIONS ENGINEERING

ASSURANCE ON SKYNET 6 MILITARY SATELLITE SYSTEM

Telespazio UK, through its recent acquisition of e2E, is a key consortia member of the Ministry of Defence's (MoD) Client Side Support partner team on the £multi-billion Skynet 6 (SK6) Military Satellite Communications Programme. The team has been set the complex challenge of assuring quality of the Skynet 6A spacecraft before, during and after the launch in 2025.

Telespazio UK have deployed a team of 10+ Quality Assurance (QA) and Product Assurance (PA) experts into the SK6A team to provide ISO9001 and deep-domain assurance of the satellite contract, design, security, processes, supply chain, materials, platform build, testing and launch. Our experts developed the client-side SK6A Product Assurance Plan (PAP) specifying how the satellite quality and control would be assured throughout the CADMID cycle and developed Quality Assurance/Control requirements for both the Statement of Requirements and the Statement of Work.

Following the successful satellite contract-award, the team is now continuing to support the design & manufacturing assurance, assessment and investigation

activities for on-going acceptance and continual improvement of processes.

Telespazio UK's team of QA/PA experts provided great benefit in producing a comprehensive SK6A PAP and gave insightful input to the SK6A Contract documentation, allowing the MoD's SK6A team to successfully pass Mission Design Review and subsequently place the £500million contract with Airbus for the first of the UK's next generation of military satellites, in the knowledge that a robust QA&PA programme was in place for this technically challenging equipment.

The team continues to support SK6A and will be actively overseeing Design Reviews, Manufacturing, Acceptance Testing, Launch and Commissioning of the satellite over the next 5 years.