

SYSTEMS VERIFICATION, VALIDATION AND TEST (VV&T)

GLOBAL XPRESS CYPRUS TEST CAMPAIGN SUPPORT

Our client, a global satellite network operator, was developing a new Satellite Access Station (SAS) in Cyprus to enable GX-like services, using leased capacity on the Avanti Hylas 4 satellite, to provide additional capacity to their network. A new solution was procured from a partner to provide a mini-SAS, which hosts equipment to provide capacity over two steerable beams located over North America. A number of additional servers were also required, in order to merge this new mini-SAS into the operational GX network.

Telespazio UK, through its recent acquisition of e2E, provided engineering support for the installation and testing of this new system.

Our engineers supported a number of Work Packages related to the Cyprus Installation, SAT and OSAT campaigns, Network Operations Centre Merge Test, end-to-end Alpha Test campaign and SAS test documentation.

e2E's activities included:

- › Refreshing existing test cases and assessing what

should be used for regression

- › Coordinating resources and external support for integration and end-to-end test campaigns
- › Writing test reports following each major test campaign
- › Tracking key bugs and blockers, and maintaining resolution plan
- › Development of alpha test plans
- › Providing regular updates to key stakeholders on the progress of testing and test development

The work undertaken by our team ensured that the testing requirements for the program were delivered fully and in preparation to roll out the commercial service for the national gateway.