

# Meeting the Challenges of ECSS-E-40 Software Validation



## Challenge:

The development team at Space Systems Finland Oy (SSF) needed an automated software test solution that would help them reduce their regression and re-testing efforts and provide evidence for European Cooperation for Space Standardization (ECSS) Software - Part 1: Principles and Requirements – ECSS-E-40 certification.

## Solution:

SSF selected the VectorCAST test automation platform to satisfy the software verification objectives defined in ECSS-E-40.

## Details:

Headquartered in Espoo Finland, Space Systems Finland Oy (SSF) develops software and systems design solutions for customers in aerospace, defense, medical devices, machinery, and nuclear industries. The SSF development team chose the VectorCAST test automation platform to automate software testing, provide code coverage analysis, and satisfy the Software Verification Process objectives as defined in section 5.8 of the ECSS-E-40 standard.

Space Systems Finland (SSF)

