



ESPECIALLY DESIGNED FOR MEGA-CONSTELLATION SATELLITE LAUNCHES

During the Launch Campaigns, having a very robust, easily portable, light-weight and small test interface for checking the Launcher interfaces especially for mega-constellation satellite launches, can save time and effort in validating the electrical interfaces on the launcher prior to the integration of the Satellites to the Launcher.

Terma have developed a Spacecraft Simulator (SC Simulator) EGSE which together with our flagship Power SCOE allows the link testing at different stages of integration during the launch campaign and each SC Simulator can verify up to 9 Spacecraft Interfaces.

The SC Simulator EGSE is designed to perform preliminary electrical fit checks regarding launcher interfaces. The objective of these preliminary electrical fit checks is to confirm at an early stage the electrical interface in terms of:

- Battery monitoring stimulation
- Battery trickle charging allocation
- LV strap simulation
- Acts as a Breakout box for S/C strap

