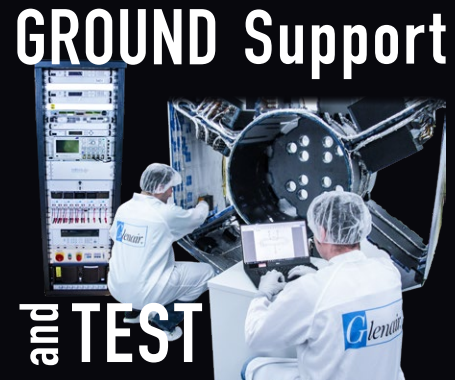
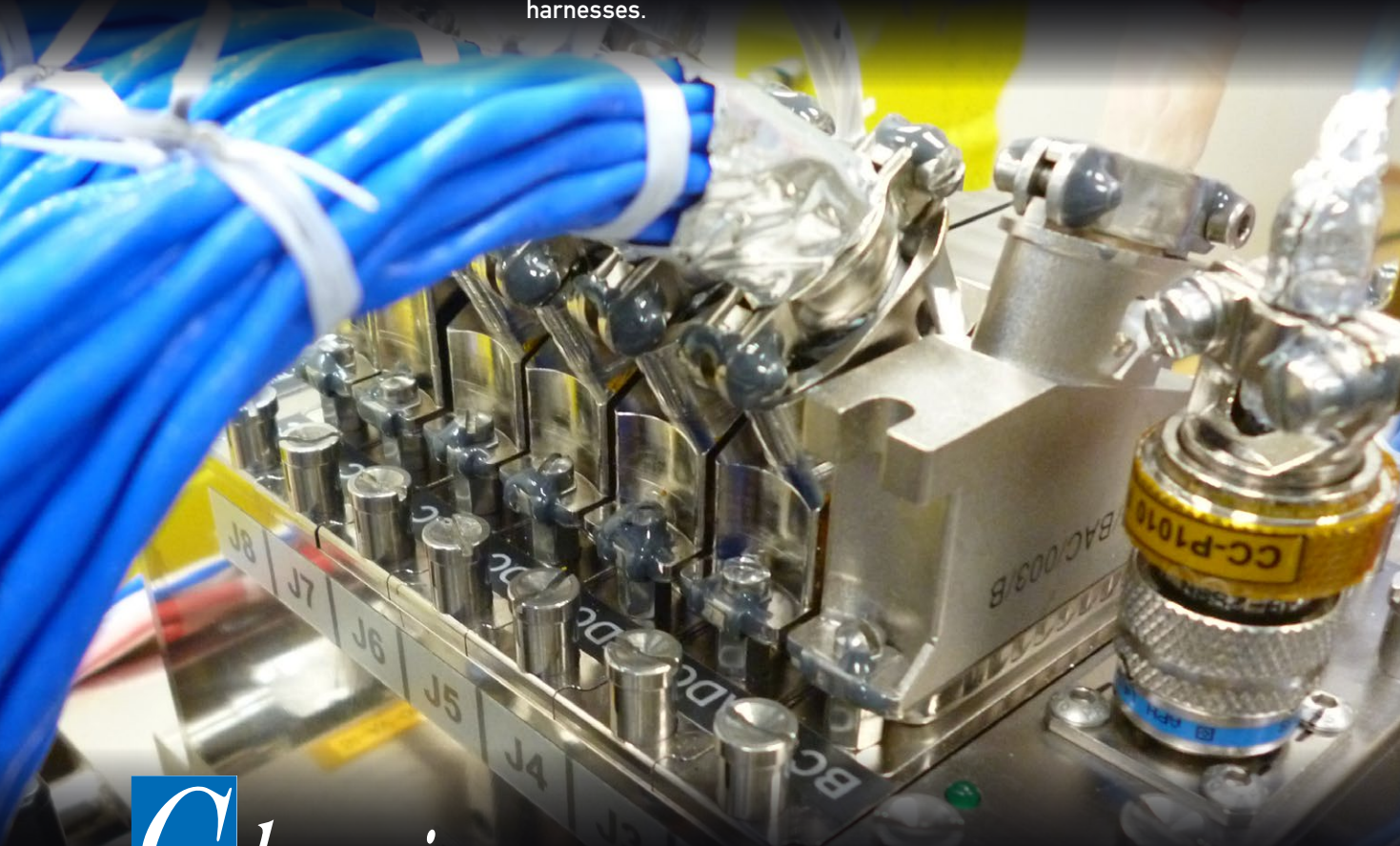


BEHIND-THE-SCENES AT GLENAIR GSS

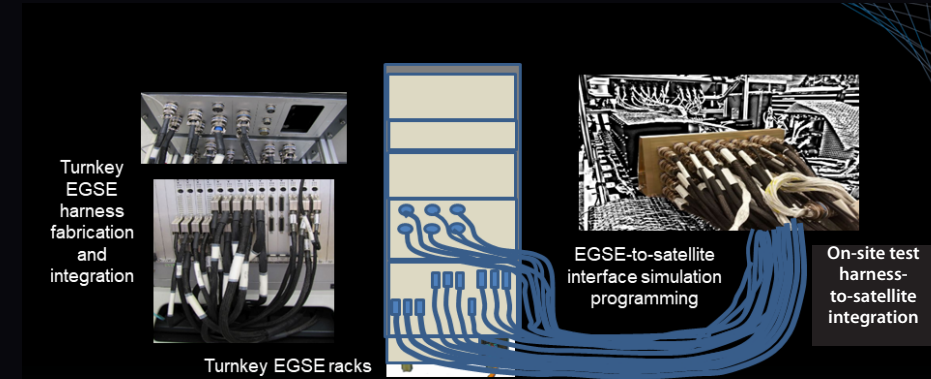
# Turnkey Electronic Ground Support Equipment (EGSE) Racks and Power / Data Test Cables

Turnkey fabrication of Electronic Ground Support Equipment (EGSE) test racks and cables is a unique capability of GSS—built to exact customer specifications and satellite test requirements. The extent of GSS support for ground simulation testing is absolutely unique in our industry and includes sourcing and construction of all necessary equipment and fabrication of required test cables and simulation harnesses.



**Glenair Space Systems Group** in Salem, Germany, specializes in the construction of electronic test equipment, cables, and turnkey electronic ground support racks for satellites, simulation programming, and test. GSS assembly staff are ESA/NASA IPC-certified and can engineer and produce ground support equipment ranging from test harnesses and power / data distribution cables, to fully integrated test racks complete with interface / simulation programming. Signature ground support test racks and cable assemblies have been built for satellite programs including ExoMars, EML, EarthCare, BepiColumbo, Sentinel I, Sentinel II, Sentinel VI Jason, and others.

## Examples of GSS-made EGSE racks and cables for satellite test/mission simulation



Example of ground support flat set harnessing used in developmental stages of satellite modeling, mockup, test, and mission simulation. Glenair Space Systems manages the entire process, from test cable design and fabrication to mockup integration.

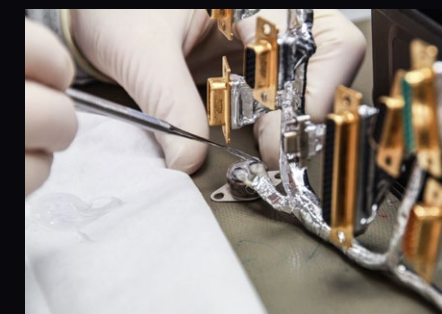


EGSE rack systems and interface simulation programming IAW customer requirements

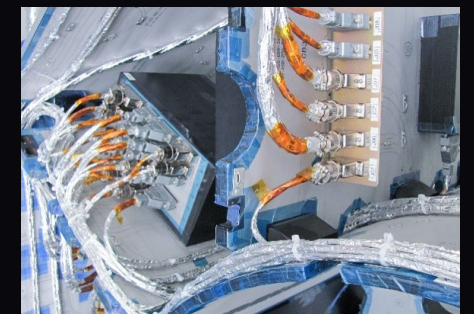
ESA/NASA IPC-certified assembly staff perform all EGSE rack and cable assembly—from harness design and fabrication, to integration on prototype systems and mockups.



Hand assembly work performed by ESA/NASA IPC-certified assembly staff



Form, fit, and function of prototype harnesses using GSS-produced fixtures



Cleanroom integration of shielded harnesses into satellite test racks