



FOR IMMEDIATE RELEASE

RADIALL – CONNECTING THE FUTURE

January 2023 — Radiall, a global leader in the design, development and manufacturing of innovative interconnect solutions now offers a range of Freespace, contactless connectivity solutions. This includes solutions for contactless data transmission and contactless power transmission. Freespace is a next generation solution, which enables power and/or data to transfer through any non-electrically conducting material without a physical link up to 1kW. This range meets design challenges by offering plug and play contactless connectors.

Contactless connectivity.

In December 2019, Radiall acquired Solyneo to support the development of contactless technologies and expand the existing Radiall product portfolio. Solyneo, a French startup, specializes in producing prototypes of highly efficient and reliable contactless power transmissions for harsh environments.

By combining the technology from Solyneo with the Radiall brand, customer demands for more reliable, robust and complex interconnect solutions can be met. Where traditional and physical connectivity has restrictions due to vibration and dust, contactless connectivity provides high reliability. This is essential for electronic systems, where connectors are often the primary point of failure due to poor design and mechanical and/or environmental stress. The innovative design of contactless connectivity solutions offers many advantages, especially for harsh environments or moving systems where high performance is critical.

Connecting the future.

RAPID TESCAAM is an innovation regime project funded by the French General Directorate of the Armed Forces where Radiall collaborated with Airbus, Airbus Helicopters and Arianne Group to develop contactless connectivity solutions for aeronautical, space and military applications. The TESCAAM project aims to design reliable, rugged, contactless interconnects that resist harsh environmental conditions and are compatible with aeronautical electromagnetic requirements. The project ended in May 2022; however, testing will continue in order to continue bringing contactless connectivity into the aerospace market.

Explore our solution.

Co60ETH is a new contactless data connector solution that simplifies integration and reduces maintenance time. The Co60ETH demonstrator kit is a RF millimeter-wave transceiver module operating at 60GHz. The modules are plug and play contactless

connectors providing high-speed data transfer for short range up to 1Gbps. With this contactless technology, board-to-board cables can be removed and multiple devices can be connected.

For more information on Radiall's Freespace, please contact a Radiall sales representative or visit www.radiall.com.

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