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Press release

POLYRACK at Space Tech Expo Europe 2025

Cross-technology system partner for robust applications

Straubenhardt, September 10th, 2025 – From 18 to 20 November 2025, the POLYRACK TECH-GROUP will be presenting itself at Space Tech Expo Europe in Bremen (Booth T57) as a reliable system partner for electronic solutions in particularly demanding environments.



Robuste MIL ½ ATR-
Systemplattform gemäß
ARINC-404A Standard

POLYRACK develops customized electronic cases and system solutions that provide reliable protection against extreme environmental influences. The portfolio ranges from compact embedded systems for mobile and stationary applications to customer-specific front plates and panels to complete systems for safety-critical applications. Thanks to efficient cooling concepts, ergonomic usability and high robustness, the solutions meet the highest technical requirements. POLYRACK offers integrated systems from development to series production – for demanding applications on land, at sea and in the air.

Product highlights at Space Tech Expo Europe:

POLYRACK offers both standard ATR chassis (½ to 1½ ATR) and customized solutions for different bus boards (CompactPCI, VME/VME64x, VPX/OpenVPX). The robust ATR chassis comply with MIL-STD-810 (shock, vibration) and MIL-STD-461 (EMC) and are available in various cooling options (convection, airflow, conduction, hybrid with liquid or air cooling). Special designs include the 4MCU ARINC 600 cases with hybrid cooling and high-power consumption, and the robust SFF ATR case with conduction cooling in accordance with ARINC 404A.

Areas of application include:

- Industry: power management, avionics, radar, flight control and management systems
- Security & communication systems: airspace surveillance, navigation, control, communication systems
- Defense: surveillance and control, command, communication, avionics, fire protection, navigation

With its comprehensive development expertise, POLYRACK supports its customers from the initial idea through design and prototyping to series production. Further information on the trade show presence can be found at: www.polyrack.com.

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About POLYRACK TECH-GROUP (www.polyrack.com)

The POLYRACK TECH-GROUP develops and manufactures high quality system solutions for electronics. Thanks to a broad range of technologies in the mechanical manufacturing, systems engineering / electronics, plastics and surface finishing, POLYRACK offers electronic packaging for every need. The service offering extends from consulting in the conception phase, development, manufacturing and assembly right through to logistic solutions and sourcing services.

The group of companies comprises POLYRACK Electronic-Aufbausysteme GmbH, RAPP Kunststofftechnik GmbH, as well as subsidiaries in America, Belgium, China and Switzerland. The owner-managed company has around 500 employees worldwide and achieved a turnover of 98 million euros in the group in fiscal year 2024.

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