

PRESS RELEASE

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Positioned for the Future **DRF Luftrettung Digitizes Technical Operations**

DRF Luftrettung has become the first organization in the global civil air rescue sector to fully digitize all technical operations processes – from pilots' pre-flight checks and maintenance work orders to asset retirement and the final archiving of technical documentation. By doing so, the organization sets new standards within the helicopter industry and demonstrates how a well-designed digital transformation can fundamentally reshape an entire technical flight operations organization.

Exactly one year ago, on July 1, 2025, DRF Luftrettung introduced the systems required for this digital transformation, with AMOS serving as the central “backbone” of the whole project. The objective of the implementation was to digitize the entire Technical Operations process.

Until then, processes within the Continuing Airworthiness Management Organization (CAMO) and the maintenance organization had remained largely paper-based. Technical logbooks and journey logbooks were kept manually on paper before being digitized at a later stage. Static interfaces between systems, which did not provide real-time data, limited the flexible and dynamic processing of information.

From Paper to Real Time: Rethinking Technical Processes

With an ambitious digitalization project, DRF Luftrettung successfully implemented end-to-end digital workflows covering every relevant process step – from HeliEFB, FleetPlan and AMOS eTL through CAMO processes and maintenance operations to digital archiving in ROAM.

Since then, data capture, processing, approval, and archiving have been carried out entirely digitally, in real time, directly from the cockpit and the maintenance hangars. Both flight crews and maintenance personnel now operate in a completely paperless environment.

“We didn't want to just digitize existing processes – we wanted to rethink them,” says Roman Morka, Accountable Manager Part-145 and Chief Technical Officer (CTO) of DRF Luftrettung. “The implementation of AMOS, including eTL, HeliEFB, FleetPlan, and ROAM, was not merely a technological decision but a strategic milestone. As a pioneer in the helicopter industry, we are taking a decisive step toward the future.”

The decision to implement AMOS was based on several factors. AMOS is considered the market-leading maintenance management software solution and is used worldwide by numerous CAMOs and maintenance organizations throughout the aviation industry. In addition, integrating AMOS created synergies with other systems already in use at DRF Luftrettung, enabling new opportunities for connected, seamless information exchange and process integration across different operational areas.

A Milestone for Flight Operations

“This new digital ecosystem for flight and technical operations is not an add-on for us – it represents a paradigm shift,” says Dr. Krystian Pracz, Chief Executive Officer (CEO) of DRF Luftrettung. “This digital

platform enables us to manage technical and operational processes in real time, optimize maintenance planning, and deploy resources more efficiently. The data we gain helps us to further enhance safety while achieving operational excellence.”

With the successful completion of this digital transformation, DRF Luftrettung continues its success story while demonstrating to the aviation industry how digital transformation can be successfully implemented.

For more informationen visit www.drf-luftrettung.de

About DRF Luftrettung

The DRF Luftrettung, based in Filderstadt, is one of the largest air rescue organisations in Europe. The helicopters and ambulance aircraft of the non-profit organisation take off for their missions from 34 bases at 32 locations in Germany. These include emergency rescue missions, transports of intensive care patients between hospitals, as well as repatriation flights of patients from abroad. At 13 of these bases, crews are on standby around the clock, at one further HEMS base in daytime operation with extended off-peak hours (6 a.m. to 10 p.m.). Helicopters with rescue hoists are used at five bases. In total, the DRF Luftrettung performed 36,407 missions in 2025. The non-profit air rescue organization relies on financial support to continuously expand its life-saving mission. The DRF e.V. already has around 400,000 supporting members at its side. For more information, please visit www.drf-luftrettung.de

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