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Airline Operations Systems Market Report

July 2026

EXECUTIVE SUMMARY

T2RL's last report on the Market for Airline Operations Systems was published in April 2024. At that time, the airline industry had largely emerged from the shadow of the Covid-19 pandemic, with traffic returning to or slightly exceeding 2019 levels. Vendors and airlines alike were beginning to re-invest in operations technology after several years of survival-mode austerity. Enthusiasm for artificial intelligence and machine learning in the operations center was beginning to emerge, but there were no AI solutions in the market at that time. The fundamental challenges identified in that report — fragmented data across aircraft, crew, and passenger domains; the loss of experienced operations personnel; and the chronic difficulty of managing Irregular Operations (IROPS) — remained substantially unresolved.

Two years on, those challenges have not gone away. The technology has continued to mature, and vendor claims have multiplied, but the gap between marketed capability and deployed, operational capability has not materially closed.

This report examines the current state of airline operations systems across 5 domains and 26 functions (reorganized and refined from the 7 domains and 38 functions covered in 2024), assesses vendor market share and capability posture, and offers a point of view on where the market is heading through 2030. It identifies where measurable progress has occurred since 2024, where new capabilities remain aspirational and (as yet) unproven, and what practical steps airlines and vendors must take to enable the next phase of operational improvement.

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