

Israeli MoD picks RunWize

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Author: Ben Vogel

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The Procurement and Production Directorate (PPD) in the Israeli Ministry of Defense (MoD) has selected the RunWize runway management solution from Xsight Systems for installation at Israeli Air Force (IAF) bases.

The PPD chose RunWize after evaluating a number of available technologies. This is the first procurement by an air force of a continuously functional, automated runway management system with a foreign object debris (FOD) detection capability. *Jane's* understands that the first RunWize installation for the IAF will be operational within a few months.

The scalable RunWize solution is co-located with runway edge lights and is scalable to cover particular hotspots or entire runways. RunWize automatically and continuously scans operational areas. Based on Xsight Systems' FODetect automated FOD detection technology, RunWize employs advanced image-processing and millimeter-wave radar algorithms to monitor runway conditions, including FOD and wildlife incursions, on a 24-hour basis regardless of weather conditions.

Xsight Systems CEO Alon Nitzan said the Israeli MoD selection of RunWize opens "new opportunities and functionalities for close-range runway sensing, supporting the need to protect strategic and precious assets, such as the F-35 or F-15 [fighter aircraft], from costly FOD and wildlife damage".



RunWize will monitor runways at IAF bases for foreign object debris and wildlife intrusions (pictured is an IAF F-15). (Xsight Systems)

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Analysis

<p>RunWize is also in use at Seattle-Tacoma International Airport in the United States, following site acceptance in December 2015 for an installation near the central runway. The Seattle installation also includes FODetect, as well as the BirdWize ground-level bird hazard management system from Xsight Systems. Other FODetect installation sites include Boston Logan International Airport in the United States; Tel Aviv Ben Gurion International Airport in Israel; and Bangkok Suvarnabhumi in Thailand.</p>
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