

Global Runway Condition Information System (RCIS) Market 2026 by Company, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Runway Condition Information System (RCIS) market size was valued at US\$ 192 million in 2025 and is forecast to a readjusted size of US\$ 320 million by 2032 with a CAGR of 7.4% during review period.

Runway Condition Information System (RCIS) is an airport operations and aviation safety system used to collect, evaluate, calculate, report and distribute runway surface condition information in real time or near real time. It integrates data from runway inspections, pavement sensors, weather systems, friction measurement equipment, surface contamination detection, snow/ice/water depth monitoring, cameras and airport operational databases. RCIS helps airport operators generate standardized runway condition reports, including runway condition codes, contamination type, coverage, depth, braking action and GRF/SNOWTAM-related information, and then shares the results with air traffic control, pilots, airlines, airport operations teams and maintenance departments to support safe takeoff, landing and runway maintenance decisions.

Demand for Runway Condition Information System (RCIS) is driven by stricter runway safety requirements, ICAO Global Reporting Format adoption, increasing need to reduce runway excursion risk, and airport demand for faster, more standardized runway condition reporting during snow, ice, rain and low-friction conditions. Airports are moving from manual inspection and fragmented reporting toward digital, sensor-assisted and integrated platforms that can connect with ATIS, SNOWTAM, AODB, weather systems and maintenance workflows. Business opportunities are strongest in large commercial airports, cold-region airports, military airfields, high-rainfall airports and airports upgrading airside safety systems, where RCIS can improve operational efficiency,

reduce closure time, support regulatory compliance and provide more reliable runway condition information to pilots and airport decision-makers.

This report is a detailed and comprehensive analysis for global Runway Condition Information System (RCIS) market. Both quantitative and qualitative analyses are presented by company, by region & country, by System Architecture and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Runway Condition Information System (RCIS) market size and forecasts, in consumption value (\$ Million), 2021-2032

Global Runway Condition Information System (RCIS) market size and forecasts by region and country, in consumption value (\$ Million), 2021-2032

Global Runway Condition Information System (RCIS) market size and forecasts, by System Architecture and by Application, in consumption value (\$ Million), 2021-2032

Global Runway Condition Information System (RCIS) market shares of main players, in revenue (\$ Million), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Runway Condition Information System (RCIS)

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Runway Condition Information System (RCIS) market based on the following parameters - company overview, revenue, gross

margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include DTN, AWOS AB, Boschung Group, Vaisala, SARTSYS-ASFT, Snowbird, Veoci, Moventor, Team Eagle, NAVBLUE RunwaySense, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market segmentation

Runway Condition Information System (RCIS) market is split by System Architecture and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for Consumption Value by System Architecture and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by System Architecture

Sensor-Based RCIS

Software-Based Reporting RCIS

Vehicle-Integrated RCIS

Airport Operations Integrated RCIS

Multi-Source Hybrid RCIS

Market segment by Runway Contamination Depth Measurement Range

Light Contamination RCIS: 0-3 mm

Medium Contamination RCIS: 3-10 mm

Heavy Contamination RCIS: 10-50 mm

Severe Contamination RCIS: Above 50 mm

Market segment by Application

Commercial Airport

Regional Airport

General Aviation Airport

Cargo Airport

Military Airfield

Others

Market segment by players, this report covers

DTN

AWOS AB

Boschung Group

Vaisala

SARSYS-ASFT

Snowbird

Veoci

Moventor

Team Eagle

NAVBLUE RunwaySense

MicroStep-MIS

LSI Lastem

OTT HydroMet

PDS Limited

Market segment by regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia, Italy and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia and Rest of Asia-Pacific)

South America (Brazil, Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Runway Condition Information System (RCIS) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Runway Condition Information System (RCIS), with revenue, gross margin, and global market share of Runway Condition Information System (RCIS) from 2021 to 2026.

Chapter 3, the Runway Condition Information System (RCIS) competitive situation, revenue, and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by System Architecture and by Application, with consumption value and growth rate by System Architecture, by Application, from 2021 to 2032.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2021 to 2026.and

Runway Condition Information System (RCIS) market forecast, by regions, by System Architecture and by Application, with consumption value, from 2027 to 2032.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Runway Condition Information System (RCIS).

Chapter 13, to describe Runway Condition Information System (RCIS) research findings and conclusion.

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