

Global SLAM Robots Market Data Survey Report 2025

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Abstracts

SUMMARY

Simultaneous localization and mapping, or SLAM for short, is the process of creating a map using a robot or unmanned vehicle that navigates that environment while using the map it generates. SLAM is technique behind robot mapping or robotic cartography. The robot or vehicle plots a course in an area, but at the same time, it also has to figure out where its own self is located in the place. The process of SLAM uses a complex array of computations, algorithms and sensory inputs to navigate around a previously unknown environment or to revise a map of a previously known environment. SLAM enables the remote creation of GIS data in situations where the environment is too dangerous or small for humans to map.

The global SLAM Robots market will reach Volume Million USD in 2018 with CAGR xx% 2018-2025. The main contents of the report including:

Global market size and forecast

Regional market size, production data and export & import

Key manufacturers (manufacturing sites, capacity and production, product specifications etc.)

Major Application

Major Type

Key manufacturers are included based on manufacturing sites, capacity and production, product specifications etc.:

Swisslog (KUKA)

Omron Adept

Clearpath Robotics

Vecna

Mobile Industrial Robots

SMP Robotics

SMP Robotics

Locus Robotics

Fetch Robotics

Hi-Tech Robotic Systemz

Amazon Robotics

Major applications as follows:

Hospitals and Healthcare

Manufacturing

Logistics and Warehouse

Military

Others

Major Type as follows:

Industrial Robots

Service Robots

Regional market size, production data and Trade:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

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