

Global Virtual Sensors Market Growth (Status and Outlook) 2023-2029

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Abstracts

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Virtual sensing techniques, also called soft sensing, proxy sensing, inferential sensing, or surrogate sensing, are used to provide feasible and economical alternatives to costly or impractical physical measurement instrument. A Virtual Sensor uses information available from other measurements and process parameters to calculate an estimate of the quantity of interest.

LPI (LP Information)' newest research report, the “Virtual Sensors Industry Forecast” looks at past sales and reviews total world Virtual Sensors sales in 2022, providing a comprehensive analysis by region and market sector of projected Virtual Sensors sales for 2023 through 2029. With Virtual Sensors sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Virtual Sensors industry.

This Insight Report provides a comprehensive analysis of the global Virtual Sensors landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Virtual Sensors portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms’ unique position in an accelerating global Virtual Sensors market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Virtual Sensors and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity.

With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Virtual Sensors.

The global Virtual Sensors market size is projected to grow from US\$ 198.7 million in 2022 to US\$ 600.5 million in 2029; it is expected to grow at a CAGR of 17.1% from 2023 to 2029.

United States market for Virtual Sensors is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Virtual Sensors is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Virtual Sensors is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Virtual Sensors players cover General Electric, Siemens, Cisco, Honeywell, Schneider Electric, Elliptic Labs, Exputec, TACTILE MOBILITY and IntelliDynamics, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Virtual Sensors market by product type, application, key players and key regions and countries.

Market Segmentation:

Segmentation by type

Cloud-based

On-premise

Segmentation by application

Utilities

Oil and Gas

Manufacturing

Automotive and Transportation

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

General Electric

Siemens

Cisco

Honeywell

Schneider Electric

Elliptic Labs

Exputec

TACTILE MOBILITY

IntelliDynamics

ANDATA

Aspen Technology

OSIsoft

Modelway

LMI Technologies

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