

Human Machine Interface Market Size, Business Opportunities, Strategies, Key Players Analysis and Forecast 2030

Surging adoption of industrial automation in manufacturing process is a key factor driving human machine interface market revenue growth

VANCOUVER, BC, CANADA, November 7, 2022 /EINPresswire.com/ -- The global Human Machine Interface (HMI) market size reached USD 4.60 Billion in 2021 and is expected to register a revenue CAGR of 8.1% during the forecast period, according to latest analysis by Emergen Research. Rising popularity of Internet of Things (IoT) and cloud computing in industrial settings is a major factor driving market revenue growth.



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In addition, rising adoption of connected mobile phone usage in vehicles for communication and navigation is another factor driving revenue growth of the market. Navigation, entertainment,

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Human Machine Interface Market Size – USD 4.60 Billion in 2021, Market Growth – at a CAGR of 8.1%, Market Trends – Surge in demand for natural cosmetic applications”

Emergen Research

and infotainment system require HMI systems coupled with hardware and software, to provide smooth human engagement with automated systems in automobiles, which is causing rising demand for HMI. Furthermore, improvements in corporate resource handling systems, alerting, receiving, and transmitting information, and Supervisory Control And Data Acquisition (SCADA) are also driving market revenue growth.

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The global [Human Machine Interface market](#) report employs an extremely extensive and

perceptive process that analyzes statistical data relating to services and products offered in the market. The research study is a pivotal document in understanding the needs and wants of the clients. The report is comprised of significant data about the leading companies and their marketing strategies. The Human Machine Interface industry is witnessing an expansion and change of dynamics owing to the entry of several new players.

The study outlines the rapidly evolving and growing market segments along with valuable insights into each element of the industry. The industry has witnessed the entry of several new players, and the report aims to deliver insightful information about their transition and growth in the market. Mergers, acquisitions, partnerships, agreements, product launches, and joint ventures are all outlined in the report.

Companies profiled in the global Human Machine Interface market:

Rockwell Automation, Inc., ABB, Siemens, Honeywell International Inc., Advantech Co., Ltd., Emerson Electric Co., General Electric, Mitsubishi Electric Corporation, Yokogawa India Ltd., and Schneider Electric.

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Some Key Highlights From the Report

The software segment accounted for largest revenue share in 2021. Any workplace that employs machinery, industrial equipment, intricate procedures, or robotic technology, that requires human operator control or supervision, utilize HMI software. HMI software provides multiple benefits, such as ease-of-use, increased productivity and efficiency, improved employee safety, increased reliability, and cost reduction, which is expected to drive revenue growth of this segment.

The embedded HMI segment accounted for largest revenue share in 2021. Embedded systems work with bigger machinery and gadgets to do particular tasks. In addition, advanced embedded Human-Machine Interface (HMI) systems are responsible for delivering responsive and elegant user experiences across a wide range of industries.

The automotive segment accounted for largest revenue share in 2021. Through in-car touch displays and buttons, push rotary controls, swipe and gesture features, and even speech recognition technologies, automotive HMIs enable drivers and passengers to interact with their cars. These technologies make driving safer and distraction-free while also significantly improving in-car user experience, which is driving revenue growth of this segment.

Emergen Research has segmented the global HMI market based on product, configuration,

industry type, and region:

Product Outlook (Revenue, USD Billion; 2019–2030)

Hardware

Software

Services

Configuration Outlook (Revenue, USD Billion; 2019–2030)

Embedded HMI

Standalone HMI

Industry Type Outlook (Revenue, USD Billion; 2019–2030)

Chemical & Petrochemical

Paper & Pulp

Water & Waste Water Treatment

Energy & Utilities

Oil & Gas

Healthcare

Food & Beverages

Automotive

Others

Regional Bifurcation of the Human Machine Interface Market Includes:

North America (U.S., Canada)

Europe (U.K., Italy, Germany, France, Rest of EU)

Asia Pacific (India, Japan, China, South Korea, Australia, Rest of APAC)

Latin America (Chile, Brazil, Argentina, Rest of Latin America)

Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of MEA)

The report aims to provide a complete analysis of the global Human Machine Interface market with important details about the key market players from insightful primary and secondary research data. The report also aims to benefit the user by providing constructive data to gain insight into market growth, size, and investment approaches. Additionally, the report provides an extensive analysis of the Human Machine Interface market, including key data, such as factors influencing the growth of the market, buyers and vendors, production and consumption, and revenue.

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Research Report on the Human Machine Interface Market Addresses the Following Key Questions:

Who are the dominant players of the Human Machine Interface market?

Which regional market is anticipated to have a high growth rate over the projected period?

What consumer trends and demands are expected to influence the operations of the market players in the Human Machine Interface market?

What are the key growth drivers and restraining factors of the Human Machine Interface market?

What are the expansion plans and strategic investment plans undertaken by the players to gain a robust footing in the market?

What is the overall impact of the COVID-19 pandemic on the Human Machine Interface market and its key segments?

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