

The Touch Based Human Machine Interface Market is estimated to hit \$66.34 billion by 2023

The global Touch Based Human Machine Interface Market was estimated to register \$15.94 billion in 2017 and is projected to reach \$66.34 billion by 2023

HYDERABAD, TELANGANA, INDIA, June 25, 2018
/EINPresswire.com/ --

According to the new market research report by [IndustryARC](#) titled, "Touch Based Human Machine Interface (HMI) Market: By Touch Screen (Resistive, Capacitive, Others); By Components (MCU, PMIC, PLC, Others); By Function Modules (Industrial PCs, Display Monitors, Others); By End-User (Automation, Healthcare, Retail, Others); By Geography – Forecast (2018-2023)", the market growth is being propelled by rising demand from Aerospace & Defense.



Europe & Americas continue to lead the market share during 2018-2023.

Europe and Americas are the dominant regions in the global touch based human machine interface market on account of presence of leading end user industries with promising applications of automation equipment. The European touch based HMI market was estimated to be \$5.42 billion and is estimated to reach \$19.8 billion by 2023, followed by Americas and Asia-Pacific. Whereas, the Americas market for touch based HMI was estimated to be \$5.07 billion and is estimated to reach \$20.06 billion by 2023.

Selected / Sample Analysis done in the full Report:

The touch based HMI is being used across various applications such as Automotive HMI, Factory Automation, Digital Signage, Oil & Gas, Aerospace & Defense, Retail, Building Automation, Home Automation and Healthcare. Among all of them, Factory Automation was dominating with \$6.70 billion revenue in 2017 and is projected to reach \$34.66 billion by 2023.

To access the full report browse the link below

<https://industryarc.com/Report/7505/touch-based-human-machine-interface-market.html>

Excerpts on Market Growth Factors Mentioned in the Full Report:

1. The surge in demand of multi-touch screen technology for advanced applications in automotive, manufacturing and oil & gas industry is set to drive the demand and growth for the touch based HMI market during the forecast period.
2. The concept of integrating HMI with mobile and wireless devices for better connectivity to fuel the global HMI market demand.
3. The multi touch technology and the embedded internet capabilities would be functional for an advanced version of the SCADA or HMI software. This upgraded HMI software for the automation and control solutions will undoubtedly be effective in the production process and will turn out to be a key point of differentiation in the coming years as mentioned by the leading market experts.

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Key Players of the Touch Based Human Machine Interface Market:

Siemens AG and Schneider Electric are the key players in the touch based HMI market. Siemens AG offers a wide range of touch based HMI solutions that include Industrial PCs, Operator Panels embedded with data visualization software. The products of the company are deployed in analyzing data output in all sorts of industrial applications, majorly in factory automation. The company also offers a wide category of touch based display interfaces and PCs for hazardous areas meeting advanced protection standards. Schneider Electric specializes in manufacturing touch based TFT display interfaces for industrial automation and monitoring and control application.

Touch Based Human Machine Interface Market Report is Segmented as below.

Touch Based Human Machine Interface Market By Touch Screen Type:

1. Resistive
2. Capacitive
 - 2.1. Projective Capacitive
 - 2.2. Surface Capacitive
3. Surface Acoustic Wave
4. Infrared

Touch Based Human Machine Interface Market By Components:

1. Microprocessors
2. Power Management Integrated Chips (PMIC)
3. Microcontroller
4. Display interface
5. PLC
6. Push Buttons
7. Others

Touch Based Human Machine Interface Market By Function Modules:

1. Control and Monitoring System
2. Display Monitors
3. Industrial PCs

Touch Based Human Machine Interface Market By End-user Application

1. Factory Automation
2. Automotive
3. Building Automation
4. Digital Signage
5. Retail
6. Oil & Gas
7. Aerospace and Defense
8. Home Automation
9. Healthcare

Based Human Machine Interface Market By Geography (Covers 14+ Countries)

Touch Based Human Machine Interface Market Entropy

Companies Cited / Interviewed

1. GE INTELLIGENT PLATFORMS, INC.
2. ABB GROUP
3. FUJI ELECTRIC CO., LTD.
4. EAO AG
5. MAPLE SYSTEMS, INC.
6. ELO TOUCH SOLUTIONS, INC.

7. B&R INDUSTRIAL AUTOMATION CORP.
8. BECKHOFF AUTOMATION GMBH & CO.KG
9. MIKROPROJEKT D.O.O
10. MITSUBISHI ELECTRIC CORPORATION
11. OMRON CORPORATION
12. ADVANTECH CORPORATION
13. BEIJER ELECTRONICS, INC.
14. ICONICS INC.
15. ICONICS INC.
16. EATON CORPORATION PLC
17. DENSITRON TECHNOLOGIES PLC
18. ESA AUTOMATION
19. Company 19
20. Company 20+

Related Report:

A. Tactile Sensor Market

<https://industryarc.com/Report/16968/tactile-sensor-market.html>

B. Haptics Technology Market

<https://industryarc.com/Report/15411/haptics-technology-market.html>

What can you expect from the report?

The Touch Based Human Machine Interface Market Report is Prepared with the Main Agenda to Cover the following 20 points:

1. Market Size by Product Categories
2. Market trends
3. Manufacturer Landscape
4. Distributor Landscape
5. Pricing Analysis
6. Top 10 End user Analysis
7. Product Benchmarking
8. Product Developments
9. Merges & Acquisition Analysis
10. Patent Analysis
11. Demand Analysis (By Revenue & Volume)
12. Country level Analysis (10+)
13. Competitor Analysis
14. Market Shares Analysis
15. Value Chain Analysis
16. Supply Chain Analysis
17. Strategic Analysis
18. Current & Future Market Landscape Analysis
19. Opportunity Analysis
20. Revenue and Volume Analysis

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We look forward to support the client to be able to better address their customer needs, stay ahead in the market, become the top competitor and get real-time recommendations on business strategies and deals. Contact us to find out how we can help you today.

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