

# Electronic Skin Market Set to Surge: Key Drivers and Emerging Opportunities

*Electronic Skin Market Expected to Reach \$1,719.38 Million by 2025*

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EINPresswire.com/ -- The wearable, ultrathin, and twistable & stretchable nature of electronic skin makes it suitable, in terms of usage & operations, for the users. In addition, its compact size and lesser number of wires fuel its adoption, thereby supplementing the market growth.

Allied Market Research, titled,

[Electronic Skin Market](#) by Application: Global Opportunities Analysis and Industry Forecast, 2020-2025, the Electronic skin market was valued at \$464.04 million in 2020, and is projected to reach \$1,719.38 million by 2025, growing at a CAGR of 38.7% from 2021 to 2025.



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The electronic skin market is growing due to an increase in demand for improved and periodic health monitoring systems across the healthcare sector.”

*Allied Market Research*

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Electronic skin consists of a stretchable network of sensors and flexible electronics, which are used in biometric prosthetics, intelligent robots, and others. It senses heat, pressure, temperature, and other influencing factors.

In 2020, the wearable technology segment dominated the

market, in terms of revenue, due to increased disposable income across various developing and developed nations.

North America is anticipated to be the highest revenue contributor to the electronic skin market in 2020, accounting for around 37.90% share, owing to rise in investment in robotics technology.

The report features a competitive scenario of the electronic skin market and provides a comprehensive analysis of key growth strategies adopted by the major players. The key players profiled in the study are MC10, Xensio, Rotex Inc. Intelesens Ltd, Immageryworks Pty Ltd, Dialog Devices Limited, SmartLifeinc Limited, Xenoma Inc., Plastic Electronic GmbH, VivaLnK, Inc.

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The rise in global environmental issues & pollutants in the atmosphere, and the increase in concern over health-related issues influence the quality of life, nature of expenses, and healthcare monitoring systems. These factors lead to an increase in the need for improved & periodic health monitoring systems, thus fueling the demand for electronic skins in the market.

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Features such as lightweight and ease of use & connectivity with smart devices have driven the demand for wearable devices in the market. The benefits such as regular health monitoring, hands-free monitoring, longer battery, and others add advantages to it and ultimately drive investment. Moreover, a rise in disposable income boosts the growth of the global market.

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For the appropriate functioning of electronic skin, manufacturers use multiple components in a paper-sized dielectric material foil, which increases its complexity in designing. This in turn limits the adoption of electronic skins, thereby hampering the market growth. Moreover, the impact of external factors, such as moisture and others, degrades the electronic skin, which limits their adoption, thereby hampering the market growth.

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Key findings of the report are as follows:

- The wearable technology segment is anticipated to generate the highest revenue in 2020, accounting for \$186 million.
- North America is expected to dominate the market, in terms of market share, during the forecast period.

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