

Global Wearable Technologies Market Forecast to 2025

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Abstracts

Wearable technology includes a host of technologies that are capable of being integrated into the 'Soldier System' and into a variety of other civilian systems and components in ways not previously possible. These technologies actively enhance safety, situational awareness (local and global), and operational performance.

The global wearable technologies market (scenario I) is currently valued at US\$ 130 billion (2016) and is expected to grow at a CAGR of 33.9% to US\$ 1,793 billion in 2025. The cumulative market for wearable technology is estimated at US\$ 7,812 billion over the forecast period, where over 60% of the cumulative market accounts to one of the regions.

This report presents a summary and assessment of both the current commercial and military wearable technologies, the projected evolutionary paths over the next decade, and the implications of both technical and political influence on the global market for wearable technologies.

The trend toward disaggregation of computing and sensing technology is accelerating, enhanced by the shrinking size of components that provide the user with far superior capacity than similar components of greater size and power demand. With this physical separation and shrinking of components comes the opportunity to place wearable technology on and around a person in a fashion that is less intrusive and more conducive to extended periods of wear. Additionally, as ever more users allow data to be uploaded to the cloud for anonymous aggregation and large-scale use-analysis, wearable systems can learn and modify factory-preset behavior to better support and enhance the end user experience.

This report looks at today's growing commercial and military wearable technology markets.

The early focus in this commercial market has been to develop distributed systems for wearable communications and health monitoring devices, while the military market has also focused on visual displays (head-up displays or HUDs) and on-body energy harvesting systems.

WHO IS THIS REPORT FOR?

If you have anything to do with wearable technologies, this report is a must, particularly if you are one of the following:

Business Leaders & Business Developers

Display Manufacturers

Electrical Component Manufacturers

Software Developers

Medical and Health Insurance Professionals

Sports Professionals and Recreational Equipment Apparel Manufacturers

Government Policy Setters

MULTIPLE SCENARIOS

To provide a truly comprehensive coverage and analysis, this report examines three different scenarios:

Scenario I: Geo-political and military driven need - Global military training, assistance and disaster relief missions

Scenario II: Geo-political and military driven need - Interstate Skirmish

Scenario III: Bottom-driven, Commercial Market Driven Solutions

Addressed Technologies

This report addresses the following technologies:

Head-up Displays (HUDs)

Embedded sensors

Advanced textiles

Embedded computing

Energy Harvesters

Exo-skeleton

Communications

REASONS TO BUY

Determine prospective investment areas based on a detailed trend analysis of the wearable technologies market over the forecast period

Gain in-depth understanding about the underlying factors driving demand for different military wearable technology segments

Strengthen your understanding of the market in terms of demand drivers, industry trends, and the latest technological developments, among others

Identify the major channels that are driving the global wearable technology market, providing a clear picture about future opportunities that can be tapped, resulting in revenue expansion

Learn about an 'Operational Concept' that can assist you in planning for organizational training and resourcing plans to avoid capability gaps in the future

Opportunity Alerts

The barriers to entry for small business and entrepreneurs are also relatively low as the cost of computation and electronic components have decreased dramatically over the last few decades.

Where a business opportunity or key takeaway exists related to specific material, we state that opportunity and highlight it with a prominent icon as pictured at right. Those alerts clearly point to one or more opportunities directly related to the section in which they appear.

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