

North America Smart Textile Market (2016 - 2022)

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Abstracts

The adoption of nanotechnology has led to the manufacturing of smart textiles at a microscopic level, providing lightweight material as against heavy batteries integrated in the garments. Research & development and advancement in nanotechnology would further add to the innovative offerings with many seamless features such as battery charger, global positioning systems (GPS), personal physiological status, wireless weapons, heads-up display, chemical & biological threat detectors, and others. Smart textiles are fabrics manufactured with technologies imbibed to provide superior functionality to the wearer. The smart textiles have the capability to sense and react to stimuli or external conditions such as from thermal, mechanical, chemical, magnetic, and other sources. The demand for various smart textile products has significantly increased as there has been a renewed interest for such textile from industries such as military and defense and healthcare.

Based on Industry, the market is segmented into Military & Defense, Healthcare, Sports & Fitness, Entertainment, Automotive, and Others. Based on Function, the market is segmented into Sensing, Energy Harvesting, Thermoelectricity, Luminescent and Others.

Based on country, Smart Textile market is segmented into US, Canada, Mexico and Rest of North America. US remained the dominant country in the North America Smart Textile market. Canada and Mexico would witness promising CAGR during the forecast period (2016-2022).

The report covers the analysis of key stake holders of the Smart Textile market. Key companies profiled in the report include E.I Du Pont De Nemours and Company, Google Inc., Adidas AG, AIQ Smart Clothing Inc., Clothing Plus Ltd., Interactive Wear AG, Outlast Technologies LLC and Scholler Textil AG.

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