

# 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.

## Contents

### 1. INTRODUCTION

- 1.1. Scope
- 1.2. Methodology
- 1.3. Scenarios
  - 1.1.1. Why Scenarios?
  - 1.1.2. Scenario I: Geo-political and military driven need - Global military training, assistance and disaster relief missions
  - 1.1.3. Scenario II: Geo-political and military driven need - Interstate Skirmish
  - 1.1.4. Scenario III: Bottom-driven, Commercial Market Derived Solutions
  - 1.1.5. Scenario Notes
- 1.4. Who is This Report For?
  - 1.4.1. Business Leaders & Business Developers
  - 1.4.2. Display Manufacturers
  - 1.4.3. Electrical Component Manufacturers
  - 1.4.4. Software Developers
  - 1.4.5. Medical and Health Insurance Professionals
  - 1.4.6. Sports Professionals and Recreational Equipment Apparel Manufacturers
  - 1.4.7. Government Policy Setters
- 1.5. Opportunity Alerts
- 1.6. How to Extract High Quality Graphics?
- 1.7. Language Disclaimer and Further Information

### 2. EXECUTIVE SUMMARY

- 2.1. What is Wearable Technology?
- 2.2. Addressed Wearable Technologies
  - 2.2.1. Head-up Displays (HUDs)
  - 2.2.2. Embedded sensors
  - 2.2.3. Advanced textiles
  - 2.2.4. Embedded computing
  - 2.2.5. Energy Harvesters
  - 2.2.6. Exo-skeleton
  - 2.2.7. Communications
- 2.3. Major Findings
- 2.4. Major Conclusions
- 2.5. Important Tables and Graphs

- 2.5.1. Global Wearable Technology Market Forecast by Region - 2016-2025
- 2.5.2. Global Wearable Technology Market Forecast by Technology Sector - 2016-2025
- 2.5.3. Global Wearable Technology Market - Scenario I, II and III Comparison by Technology Region - 2016-2025

### **3. CURRENT TECHNOLOGIES**

- 3.1. Visual Displays and Augmented Reality (AR) Systems
- 3.2. Exo-skeletons
- 3.3. Sensors
- 3.4. Computing
- 3.5. Power and Energy Systems
  - 3.5.1. Soldier Power Portfolio
  - 3.5.2. Center of Mass Harvesting
  - 3.5.3. Extremity Kinetic Motion Harvesting
  - 3.5.4. Solar Harvesting
- 3.6. Smart Textiles
- 3.7. Short-Range Communications

### **4. OPERATING CONCEPT FOR THE FUTURE SOLDIER AND SQUAD OF 2025**

- 4.1. What is an operating concept?
- 4.2. Squad X and the Soldier Team of 2025

### **5. CURRENT MARKETS**

- 5.1. North America
- 5.2. Europe
- 5.3. Asia
- 5.4. Spotlight: Profile of the Global Exo-skeleton Business Landscape

### **6. WEARABLE TECHNOLOGY MARKET FORECAST BY REGION**

- 6.1. Scenario I - Global Wearable Technology Market Forecast by Region - 2016-2025
  - 6.1.1. Scenario I - North America - Market Forecast by Technology - 2016-2025
  - 6.1.2. Scenario I - Europe - Market Forecast by Technology - 2016-2025
  - 6.1.3. Scenario I - Asia - Market Forecast by Technology - 2016-2025
  - 6.1.4. Scenario I - Rest of World - Market Forecast by Technology - 2016-2025

- 6.2. Scenario II - Global Wearable Technology Market Forecast by Region - 2016-2025
  - 6.2.1. Scenario II - North America - Market Forecast by Technology - 2016-2025
  - 6.2.2. Scenario II - Europe - Market Forecast by Technology - 2016-2025
  - 6.2.3. Scenario II - Asia - Market Forecast by Technology - 2016-2025
  - 6.2.4. Scenario II - Rest of World - Market Forecast by Technology - 2016-2025
- 6.3. Scenario III - Global Wearable Technology Market Forecast by Region - 2016-2025
  - 6.3.1. Scenario III - North America - Market Forecast by Technology - 2016-2025
  - 6.3.2. Scenario III - Europe - Market Forecast by Technology - 2016-2025
  - 6.3.3. Scenario III - Asia - Market Forecast by Technology - 2016-2025
  - 6.3.4. Scenario III - Rest of World - Market Forecast by Technology - 2016-2025
- 6.4. Global Wearable Technology Market - Scenario I, II and III Comparison by Technology Region - 2016-2025
  - 6.4.1. North American Wearable Technology Market - Scenario I, II and III Comparison - 2016-2025
  - 6.4.2. European Wearable Technology Market - Scenario I, II and III Comparison - 2016-2025
  - 6.4.3. Asian Wearable Technology Market - Scenario I, II and III Comparison - 2016-2025
  - 6.4.4. Rest of the World Wearable Technology Market - Scenario I, II and III Comparison - 2016-2025

## **7. WEARABLE TECHNOLOGY MARKET FORECAST BY TECHNOLOGY SECTOR**

- 7.1. Scenario I - Global Wearable Technology Market Forecast by Technology Sector - 2016-2025
  - 7.1.1. Scenario I - Visual and HUD Technology Market Forecast by Region - 2016-2025
  - 7.1.2. Scenario I - Exo-Skeletons Technology Market Forecast by Region - 2016-2025
  - 7.1.3. Scenario I - Embedded Sensors Technology Market Forecast by Region - 2016-2025
  - 7.1.4. Scenario I - Embedded Computing Technology Market Forecast by Region - 2016-2025
  - 7.1.5. Scenario I - Energy Systems Technology Market Forecast by Region - 2016-2025
  - 7.1.6. Scenario I - Smart Textiles Technology Market Forecast by Region - 2016-2025
- 7.2. Scenario II - Global Wearable Technology Market Forecast by Technology Sector - 2016-2025
  - 7.2.1. Scenario II - Visual and HUD Technology Market Forecast by Region - 2016-2025

- 7.2.2. Scenario II - Exo-Skeletons Technology Market Forecast by Region - 2016-2025
- 7.2.3. Scenario II - Embedded Sensors Technology Market Forecast by Region - 2016-2025
- 7.2.4. Scenario II - Embedded Computing Technology Market Forecast by Region - 2016-2025
- 7.2.5. Scenario II - Energy Systems Technology Market Forecast by Region - 2016-2025
- 7.2.6. Scenario II - Smart Textiles Technology Market Forecast by Region - 2016-2025
- 7.3. Scenario III - Global Wearable Technology Market Forecast by Technology Sector - 2016-2025
  - 7.3.1. Scenario III - Visual and HUD Technology Market Forecast by Region - 2016-2025
  - 7.3.2. Scenario III - Exo-Skeletons Technology Market Forecast by Region - 2016-2025
  - 7.3.3. Scenario III - Embedded Sensors Technology Market Forecast by Region - 2016-2025
  - 7.3.4. Scenario III - Embedded Computing Technology Market Forecast by Region - 2016-2025
  - 7.3.5. Scenario III - Energy Systems Technology Market Forecast by Region - 2016-2025
  - 7.3.6. Scenario III - Smart Textiles Technology Market Forecast by Region - 2016-2025
- 7.4. Global Wearable Technology Market - Scenario I, II and III Comparison by Technology Sector - 2016-2025
  - 7.4.1. Visual and HUD Technology Market - Scenario I, II and III Comparison - 2016-2025
  - 7.4.2. Exo-Skeletons Technology Market - Scenario I, II and III Comparison - 2016-2025
  - 7.4.3. Embedded Sensors Technology Market - Scenario I, II and III Comparison - 2016-2025
  - 7.4.4. Embedded Computing Technology Market - Scenario I, II and III Comparison - 2016-2025
  - 7.4.5. Energy Systems Technology Market - Scenario I, II and III Comparison - 2016-2025
  - 7.4.6. Smart Textiles Technology Market - Scenario I, II and III Comparison - 2016-2025

## **8. BUSINESS OPPORTUNITIES**

- 8.1. Fashion
- 8.2. Sports & Fitness
- 8.3. Health
- 8.4. Recreation
- 8.5. Enabling Technologies
- 8.6. Partnering with U.S. Army Research Laboratory (ARL)
  - 8.6.1. Overview of the ARL Open Campus Initiative:
  - 8.6.2. Technologies From DoD Agencies Seeking Industry Partner to License and Commercialize
- 8.7. Industrial Applications
- Appendixes
  - Appendix A: Sample patent and license opportunities
    - A.1. Novel Waveform for Wireless Communication and Noise Correlation Radar Detection/Imaging Applications
    - A.2. Lithium-Ion Battery State-of-Health Monitor
    - A.3. Tunable Energy Harvesting Devices and Sensors
    - A.4. Body Cooling Garment
    - A.5. IDEO™: Intrepid Dynamic Exoskeletal Orthosis

## List Of Tables

### LIST OF TABLES

Table 1 - Scenario I - Global Wearable Technology Market Forecast by Region by [\$Billion] - 2016-2025

Table 2 - Scenario II - Global Wearable Technology Market Forecast by Region by [\$Billion] - 2016-2025

Table 3 - Scenario III - Global Wearable Technology Market Forecast by Region by [\$Billion] - 2016-2025

Table 4 - Scenario I - Global Market Forecast by Technology Sector by [\$Billion] - 2016-2025

Table 5 - Scenario II - Global Market Forecast by Technology Sector by [\$Billion] - 2016-2025

Table 6 - Scenario III - Global Market Forecast by Technology Sector by [\$Billion] - 2016-2025

Table 7 - Global Wearable Technology Market - Scenario I, II and III Comparison by [\$Billion] - 2016-2025

Table 8 - CNB Flex Film specifications.

Table 9 - ARC4 specifications

Table 10 - Epson Moverio Developer Kit specifications.

Table 11 - Sarcos XOS 2 Specifications

Table 12 - Specifications for the HULC

Table 13 - A sampling of typical sensor types and uses that are applicable to wearable technologies

Table 14 - WaRPBoard Technology

Table 15 - Protonex SPM-612 technical specifications

Table 16 - Lightning Pack energy Generation When User is Carrying a 50 lb Load in a Rucksack.

Table 17 - PowerWalk technical specifications

Table 18 - Comparison of the most widely utilized short-range communications systems.

Table 19 - Aspects of Military Operational Environments Affecting the Soldier, Equipment, and Operational Planning

Table 20 - Top 10 World's Defense Outlays

Table 21 - Scenario I - Global Wearable Technology Market Forecast by Region by [\$Billion] - 2016-2025

Table 22 - Scenario I - Global Wearable Technology Market Share by Region by [%] - 2016-2025

Table 23 - Scenario I - North America - Market Forecast by Technology by [\$Billion] -

2016-2025

Table 24 - Scenario I - North America - Market Share by Technology by [%] - 2016-2025

Table 25 - Scenario I - Europe - Market Forecast by Technology by [\$Billion] -  
2016-2025

Table 26 - Scenario I - Europe - Market Share by Technology by [%] - 2016-2025

Table 27 - Scenario I - Asia - Market Forecast by Technology by [\$Billion] - 2016-2025

Table 28 - Scenario I - Asia - Market Share by Technology by [%] - 2016-2025

Table 29 - Scenario I - Rest of World - Market Forecast by Technology by [\$Billion] -  
2016-2025

Table 30 - Scenario I - Rest of World - Market Share by Technology by [%] - 2016-2025

Table 31 - Scenario II - Global Wearable Technology Market Forecast by Region by  
[\$Billion] - 2016-2025

Table 32 - Scenario II - Global Wearable Technology Market Share by Region by [%] -  
2016-2025

Table 33 - Scenario II - North America - Market Forecast by Technology by [\$Billion] -  
2016-2025

Table 34 - Scenario II - North America - Market Share by Technology by [%] -  
2016-2025

Table 35 - Scenario II - Europe - Market Forecast by Technology by [\$Billion] -  
2016-2025

Table 36 - Scenario II - Europe - Market Share by Technology by [%] - 2016-2025

Table 37 - Scenario II - Asia - Market Forecast by Technology by [\$Billion] - 2016-2025

Table 38 - Scenario II - Asia - Market Share by Technology by [%] - 2016-2025

Table 39 - Scenario II - Rest of World - Market Forecast by Technology by [\$Billion] -  
2016-2025

Table 40 - Scenario II - Rest of World - Market Share by Technology by [%] - 2016-2025

Table 41 - Scenario III - Global Wearable Technology Market Forecast by Region by  
[\$Billion] - 2016-2025

Table 42 - Scenario III - Global Wearable Technology Market Share by Region by [%] -  
2016-2025

Table 43 - Scenario III - North America - Market Forecast by Technology by [\$Billion] -  
2016-2025

Table 44 - Scenario III - North America - Market Share by Technology by [%] -  
2016-2025

Table 45 - Scenario III - Europe - Market Forecast by Technology by [\$Billion] -  
2016-2025

Table 46 - Scenario III - Europe - Market Share by Technology by [%] - 2016-2025

Table 47 - Scenario III - Asia - Market Forecast by Technology by [\$Billion] - 2016-2025

Table 48 - Scenario III - Asia - Market Share by Technology by [%] - 2016-2025

Table 49 - Scenario III - Rest of World - Market Forecast by Technology by [\$Billion] - 2016-2025

Table 50 - Scenario III - Rest of World - Market Share by Technology by [%] - 2016-2025

Table 51 - Global Wearable Technology Market - Scenario I, II and III Comparison by [\$Billion] - 2016-2025

Table 52 - North American Wearable Technology Market - Scenario I, II and III Comparison by [\$Billion] - 2016-2025

Table 53 - European Wearable Technology Market - Scenario I, II and III Comparison by [\$Billion] - 2016-2025

Table 54 - Asian Wearable Technology Market - Scenario I, II and III Comparison by [\$Billion] - 2016-2025

Table 55 - Rest of the World Wearable Technology Market - Scenario I, II and III Comparison by [\$Billion] - 2016-2025

Table 56 - Scenario I - Global Market Forecast by Technology Sector by [\$Billion] - 2016-2025

Table 57 - Scenario I - Global Market Share by Technology Sector by [%] - 2016-2025

Table 58 - Scenario I - Visual and HUD Technology Market Forecast by Region by [\$Billion] - 2016-2025

Table 59 - Scenario I - Visual and HUD Technology Market Share by Region by [%] - 2016-2025

Table 60 - Scenario I - Exo-Skeletons Technology Market Forecast by Region by [\$Billion] - 2016-2025

Table 61 - Scenario I - Exo-Skeletons Technology Market Share by Region by [%] - 2016-2025

Table 62 - Scenario I - Embedded Sensors Technology Market Forecast by Region by [\$Billion] - 2016-2025

Table 63 - Scenario I - Embedded Sensors Technology Market Share by Region by [%] - 2016-2025

Table 64 - Scenario I - Embedded Computing Technology Market Forecast by Region by [\$Billion] - 2016-2025

Table 65 - Scenario I - Embedded Computing Technology Market Share by Region by [%] - 2016-2025

Table 66 - Scenario I - Energy Systems Technology Market Forecast by Region by [\$Billion] - 2016-2025

Table 67 - Scenario I - Energy Systems Technology Market Share by Region by [%] - 2016-2025

Table 68 - Scenario I - Smart Textiles Technology Market Forecast by Region by [\$Billion] - 2016-2025

Table 69 - Scenario I - Smart Textiles Technology Market Share by Region by [%] - 2016-2025

Table 70 - Scenario II - Global Market Forecast by Technology Sector by [\$Billion] - 2016-2025

Table 71 - Scenario II - Global Market Share by Technology Sector by [%] - 2016-2025

Table 72 - Scenario II - Visual and HUD Technology Market Forecast by Region by [\$Billion] - 2016-2025

Table 73 - Scenario II - Visual and HUD Technology Market Share by Region by [%] - 2016-2025

Table 74 - Scenario II - Exo-Skeletons Technology Market Forecast by Region by [\$Billion] - 2016-2025

Table 75 - Scenario II - Exo-Skeletons Technology Market Share by Region by [%] - 2016-2025

Table 76 - Scenario II - Embedded Sensors Technology Market Forecast by Region by [\$Billion] - 2016-2025

Table 77 - Scenario II - Embedded Sensors Technology Market Share by Region by [%] - 2016-2025

Table 78 - Scenario II - Embedded Computing Technology Market Forecast by Region by [\$Billion] - 2016-2025

Table 79 - Scenario II - Embedded Computing Technology Market Share by Region by [%] - 2016-2025

Table 80 - Scenario II - Energy Systems Technology Market Forecast by Region by [\$Billion] - 2016-2025

Table 81 - Scenario II - Energy Systems Technology Market Share by Region by [%] - 2016-2025

Table 82 - Scenario II - Smart Textiles Technology Market Forecast by Region by [\$Billion] - 2016-2025

Table 83 - Scenario II - Smart Textiles Technology Market Share by Region by [%] - 2016-2025

Table 84 - Scenario III - Global Market Forecast by Technology Sector by [\$Billion] - 2016-2025

Table 85 - Scenario III - Global Market Share by Technology Sector by [%] - 2016-2025

Table 86 - Scenario III - Visual and HUD Technology Market Forecast by Region by [\$Billion] - 2016-2025

Table 87 - Scenario III - Visual and HUD Technology Market Share by Region by [%] - 2016-2025

Table 88 - Scenario III - Exo-Skeletons Technology Market Forecast by Region by [\$Billion] - 2016-2025

Table 89 - Scenario III - Exo-Skeletons Technology Market Share by Region by [%] -

2016-2025

Table 90 - Scenario III - Embedded Sensors Technology Market Forecast by Region by [\$Billion] - 2016-2025

Table 91 - Scenario III - Embedded Sensors Technology Market Share by Region by [%] - 2016-2025

Table 92 - Scenario III - Embedded Computing Technology Market Forecast by Region by [\$Billion] - 2016-2025

Table 93 - Scenario III - Embedded Computing Technology Market Share by Region by [%] - 2016-2025

Table 94 - Scenario III - Energy Systems Technology Market Forecast by Region by [\$Billion] - 2016-2025

Table 95 - Scenario III - Energy Systems Technology Market Share by Region by [%] - 2016-2025

Table 96 - Scenario III - Smart Textiles Technology Market Forecast by Region by [\$Billion] - 2016-2025

Table 97 - Scenario III - Smart Textiles Technology Market Share by Region by [%] - 2016-2025

Table 98 - Visual and HUD Technology Market - Scenario I, II and III Comparison by [\$Billion] - 2016-2025

Table 99 - Exo-Skeletons Technology Market - Scenario I, II and III Comparison by [\$Billion] - 2016-2025

Table 100 - Embedded Sensors Technology Market - Scenario I, II and III Comparison by [\$Billion] - 2016-2025

Table 101 - Embedded Computing Technology Market - Scenario I, II and III Comparison by [\$Billion] - 2016-2025

Table 102 - Energy Systems Technology Market - Scenario I, II and III Comparison by [\$Billion] - 2016-2025

Table 103 - Smart Textiles Technology Market - Scenario I, II and III Comparison by [\$Billion] - 2016-2025

## List Of Figures

### LIST OF FIGURES

Figure 1 - Causal Loop Model for Wearable Technologies

Figure 2 - Historical Timeline Broadly Defining the Spectrum of Wearable Technology Through Time.

Figure 3 - Wearable Component Technology Classification Scheme.

Figure 4 - Adoption Rates of Consumer Technologies in the United States

Figure 5 - American consumer intentions for purchase of technologies in 2015

Figure 6 - Concept drawing of dismounted soldier with wearable technologies

Figure 7 - Scenario I - Global Wearable Technology Market Forecast by Region by [\$Billion] - 2016-2025

Figure 8 - Scenario II - Global Wearable Technology Market Forecast by Region by [\$Billion] - 2016-2025

Figure 9 - Scenario III - Global Wearable Technology Market Forecast by Region by [\$Billion] - 2016-2025

Figure 10 - Scenario I - Global Market Forecast by Technology Sector by [\$Billion] - 2016-2025

Figure 11 - Scenario II - Global Market Forecast by Technology Sector by [\$Billion] - 2016-2025

Figure 12 - Scenario III - Global Market Forecast by Technology Sector by [\$Billion] - 2016-2025

Figure 13 - Global Wearable Technology Market - Scenario I, II and III Comparison by [\$Billion] - 2016-2025

Figure 14 - Samsung Phone with Flexible Display

Figure 15 - Carbon Nanotube with a Nanobud

Figure 16 - Flexible Touchscreen Composed of Plastic and Carbon Nanobud Tubules

Figure 17 - Prismatic Reflection is the Physical Phenomenon Behind Many Current AR Devices.

Figure 18 - ARA ARC4 System

Figure 19 - ARA ARC4 - Simulated AR Scene

Figure 20 - Representative Architectures Suggested by the Software Developer

Figure 21 - Epson Moverio VR Glasses

Figure 22 - Soldier wearing ballistic EYEPRO in Afghanistan.

Figure 23 - Sarcos XOS

Figure 24 - Soldier wearing a HULC

Figure 25 - MC10 Biostamp Sensor on a Wearer's Arm.

Figure 26 - Magnets Implanted Inside the Tragus

Figure 27 - Bio-chip Being Inserted Into the Hand of a Person

Figure 28 - NETT Warrior System Worn on a U.S. Army Officer in Afghanistan

Figure 29 - Nett Warrior system components

Figure 30 - WaRPBoard with Standard Daughter Board

Figure 31 - WaRPBoard Block Diagram

Figure 32 - Resistive Switching Function Embedded e-textile

Figure 33 - Twisted Fiber Battery Cable Details.

Figure 34 Twisted fiber battery cable in operation.

Figure 35 - Harvestable Energy Potential on the Human Body

Figure 36 - Squad Power Manager (SPM-612)

Figure 37 - Soldier testing the Lightning Pack

Figure 38 - Bionic Power PowerWalk energy harvester

Figure 39 - MC10 tactical solar cell panels mounted on U.S. Army equipment

Figure 40 - Application of low voltage current causes fabric to contort the underlying material

Figure 41 - RFID readers picking up signal after a query to a tag embedded in a fabric structure

Figure 42 - Antenna interwoven with vest fabric to be worn in the field

Figure 43 - Numatrex textile that is used to develop garments with embedded health-monitoring sensors

Figure 44 - Notional Small Unit Diagram Illustrating Connectivity

Figure 45 - Simulated Soldier Head-Up Display from Early Darpa Squad X Concept Drawings

Figure 46 - World Military Expenditure by [\$Billion], 1988-2014

Figure 47 - Regional Military Expenditure by [\$Billion] 19988 - 2014

Figure 48 - U.S. National Defense Budget [in FY2015 Dollars]

Figure 49 - US Military Budget by Category 1948-2020 by [FY 2015 Dollars]

Figure 50 - Global Distribution of Military Expenditures in 2014

Figure 51 - Exo-Companies by Size

Figure 52 - Exo-Companies by Region

Figure 53 - Global Landscape for Wearable Robotics Businesses

Figure 54 - Scenario I - Global Wearable Technology Market Forecast by Region by [\$Billion] - 2016-2025

Figure 55 - Scenario I - Global Wearable Technology Market Behavior by Region by [%] - 2016-2025

Figure 56 - Scenario I - North America - Market Forecast by Technology by [\$Billion] - 2016-2025

Figure 57 - Scenario I - North America - Market Behavior by Technology by [%] - 2016-2025

Figure 58 - Scenario I - Europe - Market Forecast by Technology by [\$Billion] - 2016-2025

Figure 59 - Scenario I - Europe - Market Behavior by Technology by [%] - 2016-2025

Figure 60 - Scenario I - Asia - Market Forecast by Technology by [\$Billion] - 2016-2025

Figure 61 - Scenario I - Asia - Market Behavior by Technology by [%] - 2016-2025

Figure 62 - Scenario I - Rest of World - Market Forecast by Technology by [\$Billion] - 2016-2025

Figure 63 - Scenario I - Rest of World - Market Behavior by Technology by [%] - 2016-2025

Figure 64 - Scenario II - Global Wearable Technology Market Forecast by Region by [\$Billion] - 2016-2025

Figure 65 - Scenario II - Global Wearable Technology Market Behavior by Region by [%] - 2016-2025

Figure 66 - Scenario II - North America - Market Forecast by Technology by [\$Billion] - 2016-2025

Figure 67 - Scenario II - North America - Market Behavior by Technology by [%] - 2016-2025

Figure 68 - Scenario II - Europe - Market Forecast by Technology by [\$Billion] - 2016-2025

Figure 69 - Scenario II - Europe - Market Behavior by Technology by [%] - 2016-2025

Figure 70 - Scenario II - Asia - Market Forecast by Technology by [\$Billion] - 2016-2025

Figure 71 - Scenario II - Asia - Market Behavior by Technology by [%] - 2016-2025

Figure 72 - Scenario II - Rest of World - Market Forecast by Technology by [\$Billion] - 2016-2025

Figure 73 - Scenario II - Rest of World - Market Behavior by Technology by [%] - 2016-2025

Figure 74 - Scenario III - Global Wearable Technology Market Forecast by Region by [\$Billion] - 2016-2025

Figure 75 - Scenario III - Global Wearable Technology Market Behavior by Region by [%] - 2016-2025

Figure 76 - Scenario III - North America - Market Forecast by Technology by [\$Billion] - 2016-2025

Figure 77 - Scenario III - North America - Market Behavior by Technology by [%] - 2016-2025

Figure 78 - Scenario III - Europe - Market Forecast by Technology by [\$Billion] - 2016-2025

Figure 79 - Scenario III - Europe - Market Behavior by Technology by [%] - 2016-2025

Figure 80 - Scenario III - Asia - Market Forecast by Technology by [\$Billion] - 2016-2025

Figure 81 - Scenario III - Asia - Market Behavior by Technology by [%] - 2016-2025

Figure 82 - Scenario III - Rest of World - Market Forecast by Technology by [\$Billion] - 2016-2025

Figure 83 - Scenario III - Rest of World - Market Behavior by Technology by [%] - 2016-2025

Figure 84 - Global Wearable Technology Market - Scenario I, II and III Comparison by [\$Billion] - 2016-2025

Figure 85 - North American Wearable Technology Market - Scenario I, II and III Comparison by [\$Billion] - 2016-2025

Figure 86 - European Wearable Technology Market - Scenario I, II and III Comparison by [\$Billion] - 2016-2025

Figure 87 - Asian Wearable Technology Market - Scenario I, II and III Comparison by [\$Billion] - 2016-2025

Figure 88 - Rest of the World Wearable Technology Market - Scenario I, II and III Comparison by [\$Billion] - 2016-2025

Figure 89 - Scenario I - Global Market Forecast by Technology Sector by [\$Billion] - 2016-2025

Figure 90 - Scenario I - Global Market Behavior by Technology Sector by [%] - 2016-2025

Figure 91 - Scenario I - Visual and HUD Technology Market Forecast by Region by [\$Billion] - 2016-2025

Figure 92 - Scenario I - Visual and HUD Technology Market Behavior by Region by [%] - 2016-2025

Figure 93 - Scenario I - Exo-Skeletons Technology Market Forecast by Region by [\$Billion] - 2016-2025

Figure 94 - Scenario I - Exo-Skeletons Technology Market Behavior by Region by [%] - 2016-2025

Figure 95 - Scenario I - Embedded Sensors Technology Market Forecast by Region by [\$Billion] - 2016-2025

Figure 96 - Scenario I - Embedded Sensors Technology Market Behavior by Region by [%] - 2016-2025

Figure 97 - Scenario I - Embedded Computing Technology Market Forecast by Region by [\$Billion] - 2016-2025

Figure 98 - Scenario I - Embedded Computing Technology Market Behavior by Region by [%] - 2016-2025

Figure 99 - Scenario I - Energy Systems Technology Market Forecast by Region by [\$Billion] - 2016-2025

Figure 100 - Scenario I - Energy Systems Technology Market Behavior by Region by [%] - 2016-2025

Figure 101 - Scenario I - Smart Textiles Technology Market Forecast by Region by

[\$Billion] - 2016-2025

Figure 102 - Scenario I - Smart Textiles Technology Market Behavior by Region by [%] - 2016-2025

Figure 103 - Scenario II - Global Market Forecast by Technology Sector by [\$Billion] - 2016-2025

Figure 104 - Scenario II - Global Market Behavior by Technology Sector by [%] - 2016-2025

Figure 105 - Scenario II - Visual and HUD Technology Market Forecast by Region by [\$Billion] - 2016-2025

Figure 106 - Scenario II - Visual and HUD Technology Market Behavior by Region by [%] - 2016-2025

Figure 107 - Scenario II - Exo-Skeletons Technology Market Forecast by Region by [\$Billion] - 2016-2025

Figure 108 - Scenario II - Exo-Skeletons Technology Market Behavior by Region by [%] - 2016-2025

Figure 109 - Scenario II - Embedded Sensors Technology Market Forecast by Region by [\$Billion] - 2016-2025

Figure 110 - Scenario II - Embedded Sensors Technology Market Behavior by Region by [%] - 2016-2025

Figure 111 - Scenario II - Embedded Computing Technology Market Forecast by Region by [\$Billion] - 2016-2025

Figure 112 - Scenario II - Embedded Computing Technology Market Behavior by Region by [%] - 2016-2025

Figure 113 - Scenario II - Energy Systems Technology Market Forecast by Region by [\$Billion] - 2016-2025

Figure 114 - Scenario II - Energy Systems Technology Market Behavior by Region by [%] - 2016-2025

Figure 115 - Scenario II - Smart Textiles Technology Market Forecast by Region by [\$Billion] - 2016-2025

Figure 116 - Scenario II - Smart Textiles Technology Market Behavior by Region by [%] - 2016-2025

Figure 117 - Scenario III - Global Market Forecast by Technology Sector by [\$Billion] - 2016-2025

Figure 118 - Scenario III - Rest of World - Market Behavior by Technology Sector by [%] - 2016-2025

Figure 119 - Scenario III - Visual and HUD Technology Market Forecast by Region by [\$Billion] - 2016-2025

Figure 120 - Scenario III - Visual and HUD Technology Market Behavior by Region by [%] - 2016-2025

Figure 121 - Scenario III - Exo-Skeletons Technology Market Forecast by Region by [\$Billion] - 2016-2025

Figure 122 - Scenario III - Exo-Skeletons Technology Market Behavior by Region by [%] - 2016-2025

Figure 123 - Scenario III - Embedded Sensors Technology Market Forecast by Region by [\$Billion] - 2016-2025

Figure 124 - Scenario III - Embedded Sensors Technology Market Behavior by Region by [%] - 2016-2025

Figure 125 - Scenario III - Embedded Computing Technology Market Forecast by Region by [\$Billion] - 2016-2025

Figure 126 - Scenario III - Embedded Computing Technology Market Behavior by Region by [%] - 2016-2025

Figure 127 - Scenario III - Energy Systems Technology Market Forecast by Region by [\$Billion] - 2016-2025

Figure 128 - Scenario III - Energy Systems Technology Market Behavior by Region by [%] - 2016-2025

Figure 129 - Scenario III - Smart Textiles Technology Market Forecast by Region by [\$Billion] - 2016-2025

Figure 130 - Scenario III - Smart Textiles Technology Market Behavior by Region by [%] - 2016-2025

Figure 131 - Visual and HUD Technology Market - Scenario I, II and III Comparison by [\$Billion] - 2016-2025

Figure 132 - Exo-Skeletons Technology Market - Scenario I, II and III Comparison by [\$Billion] - 2016-2025

Figure 133 - Embedded Sensors Technology Market - Scenario I, II and III Comparison by [\$Billion] - 2016-2025

Figure 134 - Embedded Computing Technology Market - Scenario I, II and III Comparison - 2016-2025

Figure 135 - Energy Systems Technology Market - Scenario I, II and III Comparison by [\$Billion] - 2016-2025

Figure 136 - Smart Textiles Technology Market - Scenario I, II and III Comparison by [\$Billion] - 2016-2025

Figure 137 - Rebecca Minkoff Gold Chain-Link Studded Technology Bracelet

Figure 138 - Athlete Wearing Sensor Shirt for Performance Monitoring

Figure 139 - MC10 BioStamp Shown in Potential Baby Monitoring Application

Figure 140 - Skully Ar-1 Augmented Reality Motorcycle Helmet

Figure 141 - A single cell Damage

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