

Sports Technology Market by Technology (Wearable, AR/VR, Smart Stadium, Sports & Stadium Analytics, Sports Camera, Building Automation, Smart Equipment, Smart Clothing, Crowd Management), Solution (AI-based, Conventional) - Global Forecast to 2030

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Abstracts

The sports technology market is projected to grow from USD 34.25 billion in 2025 and is projected to reach USD 68.70 billion by 2030; it is expected to grow at a CAGR of 14.9% from 2025 to 2030. The market for sports technology offers huge opportunities fueled by increasing adoption of AI, IoT, and big data analytics in athlete performance monitoring and game strategy planning. Increasing usage of smart wearables, virtual reality (VR), and augmented reality (AR) in training and fan interaction is widening market opportunity. Smart stadium investments and digital broadcasting innovations are improving viewing experiences, generating new revenue opportunities. Moreover, the booming of e-sports and fitness apps is introducing opportunities for pioneering gaming technologies. With sports boards emphasizing data-fueled choices, technology evolution will keep sculpting the way forward for the industry, leading to high-income growth opportunities.

“Fan Engagement & Experience Enhancement to grow at the highest CAGR in the stadium analytics segment in the sports technology markets”

Greater fan engagement and identification of new technological progress are changing the characteristics of fan experience, allowing fans to experience their passion in a more interactive and personalized way. AI-powered offerings deliver real-time content customization, offering video clip highlights, players' statistics, and game predictions

based on interest. Further engagement is created through virtual and augmented reality tools that enable viewing experience in deeper form so that the fans may engage with action regardless of location around the world. Mobile interactive apps become an anchoring spot for live news, tickets, top-notch content, and social connectivity that offers improved relationships among the fans and clubs. Data analysis is employed by event promoters and sports clubs in order to create tailored promotions, advertising, and loyalty programs in an effort to achieve optimum fan retainment and monetization value. AI-based crowd management, real-time way-finding, and IoT-based contactless payment technology are being implemented in smart stadiums in efforts to create a smooth and optimized in-stadium experience. Social media integration and gamification tactics, including fantasy sports and interactive surveys, further heighten fan engagement, transforming passive spectators into engaged contributors. Growing demand for integrated digital experiences and real-time participation is fueling greater investment in this area, allowing sports organizations to maximize fan satisfaction, strengthen fan communities, and tap into new revenue sources in an increasingly competitive digital world.

“Market for soccer segment is projected to hold for largest share during the forecast timeline.”

Soccer is one of the most technologically integrated sports in the world of sports technology, combining several innovations for improving player performance, officiating accuracy, and fan experience. Video assistant referee (VAR) and goal-line technology are some of the technologies that have immensely enhanced the decision-making process, minimizing human errors in pivotal match moments. Wearable sensors, GPS devices, and AI-infused performance analytics assist teams in tracking player fitness, optimizing training sessions, and avoiding injuries. Clubs use big data analytics to scrutinize match tactics, player stats, and rival strategies, reinforcing competitive edge. Fan experience has also transformed through augmented reality (AR), virtual reality (VR), and AI-based platforms with immersive experiences, interactive content, and digital interaction based on preferences. Smart stadiums with high-speed connectivity, AI-based crowd management, and mobile ticketing solutions optimize the match-day experience. In addition, soccer broadcasting has incorporated automated camera systems, AI-generated highlights, and real-time analytics for enhanced content delivery. Commercialization of soccer has enhanced further with blockchain-based ticketing, and AI-based sponsorship analytics, maximizing revenue streams. With ongoing advancements in technology, 5G, edge computing, and AI-powered decision-making tools are predicted to further transform soccer and turn it into a dominating segment in the global sports technology market.

“Market for AI-based platform to grow at a highest CAGR during the forecast period.”

Transforming sports technology through sophisticated analytics is redefining the way how teams, players, and fans engage with the sport, providing data-based insights that optimize performance and fan experience. AI-driven platforms leverage machine learning, computer vision, and predictive analytics to analyze huge volumes of real-time data, enabling coaches and players to make better decisions. Such technologies monitor player movement, biomechanical patterns, and fatigue levels, radically enhancing injury prevention and recovery programs. AI-powered automated video analysis further streamlines coaching methods by analyzing patterns of play and providing tactical enhancements using past performance data. Aside from performance optimization, AI is redefining fan experience with hyper-personalization. By analyzing behavior and interest, AI creates personalized game highlights, interactive replays, and forecasted match results, augmenting the experience. AI-based virtual and augmented reality sports solutions place the spectator at the heart of the action, replicating the stadium experience remotely from any location. AI is also revolutionizing sports broadcasting by optimizing camera angles, automated commentary, and real-time analysis throughout live matches. These flexible and dynamic AI-driven solutions are becoming an essential part of modern sports organizations seeking to stay ahead of the competition. As AI continues to learn from new data, it enhances strategies, enhances athletic training practices, and maximizes audience engagement. The increasing adoption of AI-driven analytics is driving the next generation of innovation in sports technology, redefining the industry's future.

“Professional Athletes segment to grow at a highest CAGR during the forecast period”

Athletes are increasingly depending on wearables and sports technology to maximize their performance through real-time access to information and actionable insights. Wearable devices such as fitness trackers, smartwatches, and specialized sensors monitor vital metrics like heart rate, sleep, steps taken, oxygen saturation, and muscle activity. Through these devices, sportspeople can monitor their development, pinpoint where they need to improve, and make sure that they are training at the correct intensity levels. With sophisticated capabilities such as GPS tracking and motion analysis, wearables also assist athletes in breaking down their movement patterns and optimizing techniques to enhance efficiency and minimize the risk of injury. Apart from wearables, athletes are taking up sports tech such as performance analytics platforms, virtual reality training, and biomechanical feedback systems. Analytics platforms sort through large sets of data to provide information on performance trends, fatigue, and recovery

needs. Virtual reality allows sportspersons to train for decision-making based on game scenario simulations, while biomechanical systems apply the analysis of movement patterns of the body to improve posture and technique. Together, the technologies allow athletes to train smarter, recover faster, and achieve maximum performance, redefining the manner in which they prepare to and dominate contests.

“North America is expected to have the highest market share during the forecast period.”

North America is the most advanced region in terms of technology adoption and the largest sports technology market in the world. Several stadium operators, sports teams, players, and event organizers in North America are adopting the latest sports technologies to transform their operations digitally. The growing need for network management and high data consumption during matches and events are forcing event operators to adopt solutions that can efficiently reduce data consumption without hampering the spectator experience. The US is the most prominent market in the North American region due to the presence of several active soccer, baseball, American football, basketball, and ice hockey clubs. In addition, North America's thriving landscape of tech businesses and startups facilitates ongoing innovation to enable the creation and integration of advanced solutions. The fact that there are prominent sports technology firms in the region, rising demand for wearables (activity trackers, smartwatch, and fitness bands), and growing popularity of augmented reality (AR) and virtual reality (VR) devices are propelling the market in this region. Apple (US), Google (US), and Garmin (US), are some of the key players in the sports wearables segment.

In-depth interviews have been conducted with chief executive officers (CEOs), Directors, and other executives from various key organizations operating in the sports technology marketplace. The break-up of the profile of primary participants in the sports technology market:

By Company Type: Tier 1 – 38%, Tier 2 – 28%, and Tier 3 – 34%

By Designation: Managers – 30%, Director Level – 40%, Others-30%

By Region: North America – 35%, Europe – 35%, Asia Pacific – 20%, ROW-10%

Apple Inc. (US), SAMSUNG (South Korea), Alphabet Inc. (US), Cisco Systems, Inc.

(US), IBM (US), Telefonaktiebolaget LM Ericsson (Sweden), Catapult (Australia), Garmin Ltd. (US), Johnson Controls (Ireland), and Schneider Electric (France) are some of the key players in the sports technology Market.

The study includes an in-depth competitive analysis of these key players in the sports technology market, with their company profiles, recent developments, and key market strategies. Research Coverage: This research report categorizes the sports technology market by technology (wearables, smart stadium, services, sports analytics, sports cameras, stadium analytics, stadium robots, and smart equipment), by platform (AI-based and conventional), by sport (soccer, baseball, basketball, ice hockey, rugby, formula one, tennis, cricket, golf, and others), by end-user (sports associations, clubs, leagues, professional athletes, and coaches) and by region (North America, Europe, Asia Pacific, and RoW). The scope of the report covers detailed information regarding the major factors, such as drivers, restraints, challenges, and opportunities, influencing the growth of the sports technology market. A detailed analysis of the key industry players has been done to provide insights into their business overview, solutions, and services; key strategies; Contracts, partnerships, agreements. New product & service launches, mergers and acquisitions, and recent developments associated with the sports technology market have been covered in the report. This report covers a competitive analysis of upcoming startups in the sports technology market ecosystem.

Reasons to buy this report The report will help the market leaders/new entrants with information on the closest approximations of the revenue numbers for the overall sports technology market and the subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and plan suitable go-to-market strategies. The report also helps stakeholders understand the market pulse and provides information on key market drivers, restraints, challenges, and opportunities.

Key benefits of buying the report:

Analysis of key drivers (Increasing focus on delighting and engaging fans at stadiums; Pressing need for data driven decisions; Growing pressure to improve player/team performance; Surging adoption of esports technology; Rising implementation of IoT technologies for efficient management of

stadium infrastructure), restraints (High initial investments and budget constraints), opportunities (Advent of AI/ML technologies; Emergence of sports leagues and events

with large prize pools; Increasing adoption of AR and VR in sports; Increasing reliance on real-time analysis) and challenges (Lack of professionals with analytical skills;

Complexities in upgrading and replacing legacy systems) influencing the growth of the sports technology market.

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product & service launches in the sports technology market.

Market Development: Comprehensive information about lucrative markets – the report analyzes the sports technology market across varied regions

Market Diversification: Exhaustive information about new products & services, untapped geographies, recent developments, and investments in the sports technology market

Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading Amphenol Advanced (US), Honeywell International Inc. (US), Texas Instruments Incorporated (US), Setra Systems (US), Sensirion AG (Switzerland), TE Connectivity (Ireland), Siemens (Germany), Teracom (Sweden), Bosch Sensortec GmbH (US), Schneider Electric (France), and Renesas Electronics Corporation. (Japan) among others in the sports technology market.

Contents

1 INTRODUCTION

- 1.1 STUDY OBJECTIVES
- 1.2 MARKET DEFINITION
- 1.3 STUDY SCOPE
 - 1.3.1 MARKETS COVERED AND REGIONAL SCOPE
 - 1.3.2 INCLUSIONS AND EXCLUSIONS
 - 1.3.3 YEARS CONSIDERED
- 1.4 CURRENCY CONSIDERED
- 1.5 UNITS CONSIDERED
- 1.6 LIMITATIONS
- 1.7 STAKEHOLDERS
- 1.8 SUMMARY OF CHANGES

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 SECONDARY AND PRIMARY RESEARCH
 - 2.1.2 SECONDARY DATA
 - 2.1.2.1 List of key secondary sources
 - 2.1.2.2 Key data from secondary sources
 - 2.1.3 PRIMARY DATA
 - 2.1.3.1 List of primary interview participants
 - 2.1.3.2 Breakdown of primaries
 - 2.1.3.3 Key data from primary sources
 - 2.1.3.4 Key industry insights
- 2.2 MARKET SIZE ESTIMATION METHODOLOGY
 - 2.2.1 BOTTOM-UP APPROACH
 - 2.2.1.1 Approach to arrive at market size using bottom-up analysis (demand side)
 - 2.2.2 TOP-DOWN APPROACH
 - 2.2.2.1 Approach to arrive at market size using top-down analysis (supply side)
- 2.3 MARKET BREAKDOWN AND DATA TRIANGULATION
- 2.4 RESEARCH ASSUMPTIONS
- 2.5 RESEARCH LIMITATIONS
- 2.6 RISK ANALYSIS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN SPORTS TECHNOLOGY MARKET

4.2 SPORTS TECHNOLOGY MARKET, BY TECHNOLOGY

4.3 SPORTS TECHNOLOGY MARKET, BY PLATFORM

4.4 NORTH AMERICA: SPORTS TECHNOLOGY MARKET, BY TECHNOLOGY AND COUNTRY (2024)

4.5 SPORTS TECHNOLOGY MARKET, BY END USER

4.6 SPORTS TECHNOLOGY MARKET, BY SPORT

4.7 SPORTS TECHNOLOGY MARKET, BY REGION

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

5.2.1 DRIVERS

5.2.1.1 Increasing focus on fan engagement at stadiums

5.2.1.2 Pressing need for data-driven decisions

5.2.1.3 Growing pressure to improve player/team performance

5.2.1.4 Surging adoption of esports technology

5.2.1.5 Rising implementation of IoT technologies for efficient management of stadium infrastructure

5.2.2 RESTRAINTS

5.2.2.1 High initial investments and budget constraints

5.2.3 OPPORTUNITIES

5.2.3.1 Advent of AI and ML technologies

5.2.3.2 Emergence of sports leagues and events with large prize pools

5.2.3.3 Increasing adoption of AR and VR in sports

5.2.3.4 Increasing reliance on real-time analysis

5.2.4 CHALLENGES

5.2.4.1 Lack of professionals with analytical skills

5.2.4.2 Complexities in upgrading and replacing legacy systems

5.3 VALUE CHAIN ANALYSIS

5.4 ECOSYSTEM ANALYSIS

5.5 INVESTMENT AND FUNDING SCENARIO

5.6 TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS

5.7 PRICING ANALYSIS

5.7.1 AVERAGE SELLING PRICE OF WEARABLES, BY PRODUCT

5.7.2 AVERAGE SELLING PRICE OF WEARABLES, BY KEY PLAYER

5.7.3 AVERAGE SELLING PRICE TREND OF SMARTWATCHES, BY REGION

5.7.4 AVERAGE SELLING PRICE TREND OF FITNESS TRACKERS, BY REGION

5.7.5 AVERAGE SELLING PRICE OF SOLUTIONS, BY KEY PLAYER

5.7.6 INDICATIVE PRICING ANALYSIS, BY STADIUM TYPE

5.8 TECHNOLOGY ANALYSIS

5.8.1 KEY TECHNOLOGIES

5.8.1.1 Artificial intelligence (AI)

5.8.1.2 Blockchain

5.8.2 COMPLEMENTARY TECHNOLOGIES

5.8.2.1 Internet of things

5.8.2.2 5G

5.8.3 ADJACENT TECHNOLOGIES

5.8.3.1 Augmented reality and virtual reality (AR and VR)

5.9 PORTER'S FIVE FORCE ANALYSIS

5.9.1 THREAT OF NEW ENTRANTS

5.9.2 THREAT OF SUBSTITUTES

5.9.3 BARGAINING POWER OF SUPPLIERS

5.9.4 BARGAINING POWER OF BUYERS

5.9.5 INTENSITY OF COMPETITIVE RIVALRY

5.10 KEY STAKEHOLDERS AND BUYING CRITERIA

5.10.1 KEY STAKEHOLDERS IN BUYING PROCESS

5.10.2 BUYING CRITERIA

5.11 USE CASES AND CASE STUDIES OF SPORTS TECHNOLOGY

5.11.1 CASE STUDY 1: ALTERING SPORTS PERFORMANCE WITH AI-POWERED REAL-TIME MOVEMENT ANALYSIS

5.11.2 CASE STUDY 2: TRANSFORMING SPORTS PERFORMANCE ANALYSIS WITH

AI-POWERED LIVE BROADCAST DATA EXTRACTION

5.11.3 CASE STUDY 3: REVOLUTIONIZING WOMEN'S SNOW SPORTS GEAR WITH PERFORMANCE-DRIVEN DESIGN AND INNOVATION

5.11.4 CASE STUDY 4: DEVELOPING COMPETITIVE SWIMMING WITH AI-POWERED, AFFORDABLE, AND RELIABLE RACE TIMING

5.11.5 CASE STUDY 5: ENHANCING SPORTS AND HEALTH ANALYTICS WITH VALIDATED, RELIABLE, AND HUMAN-CENTRIC DATA SOLUTIONS

5.12 TRADE ANALYSIS

- 5.12.1 IMPORT DATA FOR HS CODE 910212
- 5.12.2 EXPORT DATA FOR HS CODE 910212
- 5.13 TARIFF AND REGULATORY LANDSCAPE
 - 5.13.1 TARIFF DATA FOR HS CODE: 910212
 - 5.13.2 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS
 - 5.13.3 REGULATORY LANDSCAPE
 - 5.13.3.1 Health Insurance Portability and Accountability Act
 - 5.13.3.2 System and Organization Controls Type II Compliance
 - 5.13.3.3 ISO/IEC 27001
 - 5.13.3.4 Import–Export Laws
 - 5.13.3.5 Restriction of Hazardous Substances (ROHS) and Waste Electrical and Electronic Equipment (WEEE)
 - 5.13.3.6 Registration, Evaluation, Authorisation, and Restriction of Chemicals (REACH)
 - 5.13.3.7 General Data Protection Regulation (GDPR)
 - 5.13.4 KEY REGULATIONS, BY COUNTRY
 - 5.13.4.1 Personal Information Protection and Electronic Documents Act (PIPEDA) – Canada
 - 5.13.4.2 California Consumer Privacy Act (CCPA) – US
 - 5.13.4.3 Safe Sport Authorization Act – US
 - 5.13.4.4 Biometric Information Privacy Act (BIPA) – US (Illinois)
 - 5.13.4.5 Directive on Security of Network and Information Systems (NIS Directive) – European Union
 - 5.13.4.6 EU Competition Law – European Union
- 5.14 PATENT ANALYSIS, 2013–2024
- 5.15 KEY CONFERENCES AND EVENTS, 2025–2026
- 5.16 IMPACT OF AI/GEN AI ON SPORTS TECHNOLOGY MARKET
 - 5.16.1 TOP USE CASES AND MARKET POTENTIAL
 - 5.16.1.1 Rapid game footage analysis
 - 5.16.1.2 Advanced predictive modeling for player performance
 - 5.16.1.3 Personalized training schedules
 - 5.16.1.4 Integrated sports equipment
 - 5.16.1.5 Improved player safety
 - 5.16.1.6 AI-assisted officiating
 - 5.16.1.7 Modern sports journalism
 - 5.16.1.8 Targeted advertising

6 SPORTS TECHNOLOGY MARKET, BY TECHNOLOGY

6.1 INTRODUCTION

6.2 SMART STADIUMS

6.2.1 NETWORK MANAGEMENT

6.2.1.1 Ability to protect vast amounts of data and systems in smart stadium environments to boost adoption

6.2.2 STADIUM AND PUBLIC SECURITY

6.2.2.1 Ticketing & access control

6.2.2.1.1 Enhanced stadium security & experience to drive market

6.2.2.1.1.1 Biometric entry systems

6.2.2.1.1.2 Facial recognition access control

6.2.2.2 Video surveillance

6.2.2.2.1 Ability to deter crime through real-time monitoring and evidence collection to propel adoption

6.2.2.2.1.1 Crowd analytics

6.2.2.3 Physical security information management (PSIM)

6.2.2.3.1 Ability of PSIM to integrate data from various security systems for centralized monitoring to boost growth

6.2.2.4 Cybersecurity

6.2.2.4.1 Advantages such as safeguarding sensitive data and ensuring operational integrity to fuel demand

6.2.2.5 Others

6.2.3 DIGITAL CONTENT MANAGEMENT

6.2.3.1 Audio & video management

6.2.3.1.1 High-quality engagement through premium audio, visuals, and reliable connectivity to fuel growth

6.2.3.1.1.1 Real-time replay systems

6.2.3.1.1.2 Broadcast integration systems

6.2.3.2 Digital signage

6.2.3.2.1 Advantages such as high-resolution, real-time displays for live updates and ads to drive demand

6.2.3.2.1.1 Fan engagement screens

6.2.3.2.1.2 Social media walls

6.2.3.3 Mobile and web content management

6.2.3.3.1 Enhancing fan engagement through user-friendly apps and seamless system integration to contribute to growth

6.2.3.3.1.1 In-seat ordering systems

6.2.3.3.1.2 NFC/RFID technologies

6.2.4 BUILDING AUTOMATION

6.2.4.1 Parking management systems

6.2.4.1.1 Ability to optimize parking space utilization and enhance user experience during large events to drive market

6.2.4.2 Energy management systems

6.2.4.2.1 Advantages such as monitoring and optimizing energy consumption to promote sustainability to fuel growth

6.2.4.3 Facility management systems

6.2.4.3.1 Effective building maintenance and operations to ensure safety and efficiency

6.2.5 EVENT MANAGEMENT

6.2.5.1 Event marketing & registration

6.2.5.1.1 Effective promotion and streamlined management of attendee registrations to maximize participation and engagement

6.2.5.2 Ticketing management

6.2.5.2.1 Efficient sales, distribution, and control of tickets to enhance security

6.2.5.3 Workforce management

6.2.5.3.1 Strategic administration of staff resources to ensure optimal performance and service delivery during events

6.2.6 CROWD MANAGEMENT

6.2.6.1 Enhanced safety and experience through advanced monitoring and emergency response solutions to boost market

6.3 WEARABLES

6.3.1 WRISTWEAR

6.3.1.1 Advancements in wearable technologies to fuel demand

6.3.2 AUGMENTED AND VIRTUAL REALITY (AR/VR)

6.3.2.1 Ability to transform sports engagement and training with AR/VR technology

6.3.3 SMART CLOTHING

6.3.3.1 Growing adoption of smart clothes in sports and fitness industry to accelerate growth

6.3.3.1.1 Wearable compression clothing

6.3.3.1.2 Smart socks

6.3.3.1.3 Smart gloves

6.3.3.1.4 Smart helmets

6.3.4 SMART SHOES

6.3.4.1 Increasing integration of smart shoes to drive innovation in sports

6.4 SPORTS ANALYTICS

6.4.1 PERFORMANCE ANALYTICS

6.4.1.1 Ability to assess player and team performance to improve gameplay and prevent injuries to fuel growth

6.4.2 PLAYER MONITORING

6.4.2.1 Ability to track health, fitness, and performance metrics to boost adoption

6.4.2.1.1 Cognitive performance analysis

6.4.3 GAME STRATEGY & COACHING SOLUTIONS

6.4.3.1 Optimized game strategies and coaching methods to enhance decision-making and performance during competitions

6.4.3.1.1 Strategy analysis

6.5 SPORTS CAMERAS

6.5.1 DRONES

6.5.1.1 Enhanced performance and fan engagement with drones to aid market growth

6.5.2 OTHER CAMERAS

6.5.2.1 360-degree live streaming drones

6.5.2.2 Referee assistance drones

6.6 STADIUM ANALYTICS

6.6.1 FAN ENGAGEMENT & EXPERIENCE ENHANCEMENT

6.6.1.1 Ability to enhance fan engagement and experiences with digital innovations to drive growth

6.6.2 BROADCAST MANAGEMENT

6.6.2.1 Growing utilization of broadcast management for seamless sports content delivery to fuel growth

6.6.3 OTHER SOLUTIONS

6.7 STADIUM ROBOTS

6.7.1 ABILITY OF STADIUM ROBOTS TO ADVANCE OPERATIONAL EFFICIENCY AND FAN EXPERIENCE IN SPORTS VENUES TO DRIVE MARKET

6.7.1.1 Automated cleaning and maintenance robots

6.7.1.2 AI-powered sports chatbots

6.8 SMART EQUIPMENT

6.8.1 SMART BALLS

6.8.1.1 Embedded sensor data for performance tracking

6.8.2 SMART RACKETS AND BATS

6.8.2.1 AI driven swing & shot analysis

6.8.3 OTHER EQUIPMENT

6.9 SERVICES

6.9.1 PROFESSIONAL SERVICES

6.9.1.1 Consulting

6.9.1.1.1 Strategic guidance for optimizing sports technology solutions to drive adoption

6.9.1.2 Deployment & integration

6.9.1.2.1 Seamless implementation of sports technology systems to fuel demand

6.9.1.3 Support & maintenance

6.9.1.3.1 Ability to ensure long-term reliability of sports technology solutions to drive market

6.9.2 MANAGED SOLUTIONS

6.9.2.1 Ability to provide comprehensive technology operations support for sports organizations to drive market

7 SPORTS TECHNOLOGY MARKET, BY PLATFORM

7.1 INTRODUCTION

7.2 AI-BASED PLATFORMS

7.2.1 AI-BASED PLATFORMS TO PROVIDE ADAPTIVE AND SCALABLE SOLUTIONS FOR BETTER FAN EXPERIENCES

7.3 CONVENTIONAL PLATFORMS

7.3.1 COST-EFFECTIVENESS AND STABILITY TO PROPEL MARKET GROWTH

8 SPORTS TECHNOLOGY MARKET, BY SPORT

8.1 INTRODUCTION

8.2 SOCCER

8.2.1 ADVANCED TECHNOLOGIES TO TRANSFORM SOCCER IN EVOLVING SPORTS TECHNOLOGY MARKET

8.2.1.1 Goal-line technology

8.2.1.1.1 Blockchain-based tamper-proof match records

8.2.1.1.2 AI-powered precision ball tracking

8.2.1.2 Video assistant referee (VAR)

8.2.1.2.1 VR-enabled referee training simulations

8.3 BASEBALL

8.3.1 PARTNERSHIPS AND COLLABORATIONS WITH SPORTS TECHNOLOGY PROVIDERS TO BOOST MARKET

8.3.1.1 Hawk-Eye systems

8.3.1.1.1 Robot umpires

8.4 BASKETBALL

8.4.1 RISING ADOPTION OF SPORTS ANALYTICS FOR PLAYER DEVELOPMENT

TO FUEL GROWTH

8.4.1.1 Shot tracking

8.4.1.1.1 Smart hoops technology

8.5 ICE HOCKEY

8.5.1 RISING USE OF WEARABLES AND ADOPTION OF AI IN SPORTS TO PROPEL GROWTH

8.5.1.1 Puck-tracking

8.5.1.2 Player-tracking

8.6 AMERICAN FOOTBALL/RUGBY

8.6.1 INCORPORATION OF HIGH-TECH SPORTS TECHNOLOGY TO DRIVE MARKET

8.7 FORMULA 1

8.7.1 CUTTING-EDGE TECHNOLOGIES TO DRIVE INNOVATION IN FORMULA 1 SPORTS TECHNOLOGY MARKET

8.8 TENNIS

8.8.1 RAPID ADOPTION OF TECHNOLOGY IN TENNIS TO BOOST MARKET

8.8.1.1 Line calling technology

8.8.1.1.1 High-speed camera-based ball tracking

8.9 CRICKET

8.9.1 ADOPTION OF ADVANCED TECHNOLOGY SOLUTIONS TO DRIVE GROWTH

8.9.1.1 Snickometer (SNIKO) & UltraEdge

8.9.1.2 Decision review system (DRS)

8.10 GOLF

8.10.1 PERFORMANCE ANALYTICS TO BE KEY APPLICATION OF SPORTS TECHNOLOGY

8.11 OTHER SPORTS

9 SPORTS TECHNOLOGY MARKET, BY END USER

9.1 INTRODUCTION

9.2 SPORTS ASSOCIATIONS

9.2.1 RISING COLLABORATIONS BETWEEN ASSOCIATIONS & SPORTS ANALYTICS PROVIDERS TO PROPEL MARKET

9.2.1.1 Data analytics

9.2.1.2 Smart stadiums & infrastructure enhancement

9.3 CLUBS

9.3.1 INCREASING DEMAND FOR ADVANCED TECHNOLOGY SOLUTIONS AMONG SPORTS CLUBS TO DRIVE MARKET

9.4 LEAGUES

9.4.1 GROWING FOCUS ON CREATING UNIQUE EXPERIENCES FOR FANS TO BOOST DEMAND

9.4.1.1 Big data analytics

9.4.1.2 Blockchain

9.5 PROFESSIONAL ATHLETES

9.5.1 UTILIZATION OF ADVANCED WEARABLES AND SPORTS TECH FOR IMPROVED PERFORMANCE TO FUEL MARKET

9.5.1.1 AI-based training & injury prevention

9.6 COACHES

9.6.1 UTILIZATION OF PERFORMANCE ANALYTICS PLATFORMS TO SUPPORT MARKET GROWTH

9.6.1.1 Video review & analysis

10 SPORTS TECHNOLOGY MARKET, BY REGION

10.1 INTRODUCTION

10.2 NORTH AMERICA

10.2.1 MACROECONOMIC OUTLOOK FOR NORTH AMERICA

10.2.2 US

10.2.2.1 Increasing investments in sports technology to boost demand

10.2.3 CANADA

10.2.3.1 Favorable government initiatives for sports to fuel market

10.2.4 MEXICO

10.2.4.1 Advancements in sports infrastructure to support market growth

10.3 EUROPE

10.3.1 MACROECONOMIC OUTLOOK FOR EUROPE

10.3.2 GERMANY

10.3.2.1 Implementation of analytic tools by sports teams to propel market

10.3.3 UK

10.3.3.1 Supportive government initiatives for uptake of advanced sports technologies to fuel market

10.3.4 FRANCE

10.3.4.1 Increasing collaborations between technology providers and sports organizations to support market growth

10.3.5 SPAIN

10.3.5.1 Stadium infrastructure improvements to drive market

10.3.6 ITALY

10.3.6.1 High focus on football & motorsport R&D activities to fuel market

10.3.7 REST OF EUROPE

10.4 ASIA PACIFIC

10.4.1 MACROECONOMIC OUTLOOK FOR ASIA PACIFIC

10.4.2 CHINA

10.4.2.1 High investments in AI and ML to boost demand

10.4.3 JAPAN

10.4.3.1 Increasing adoption of virtual reality training tools to fuel uptake

10.4.4 INDIA

10.4.4.1 Rapid urbanization and increasing investments in data analytics to propel market

10.4.5 AUSTRALIA

10.4.5.1 Growing focus on data-driven performance analytics to drive market

10.4.6 REST OF ASIA PACIFIC

10.5 REST OF THE WORLD

10.5.1 MACROECONOMIC OUTLOOK FOR REST OF THE WORLD

10.5.2 MIDDLE EAST & AFRICA

10.5.2.1 GCC Countries

10.5.2.1.1 Rising investments in AI, wearables, and smart infrastructure to support market growth

10.5.2.2 Rest of Middle East

10.5.3 SOUTH AMERICA

10.5.3.1 Adoption of sports analytics solutions to support market growth

11 COMPETITIVE LANDSCAPE

11.1 INTRODUCTION

11.2 KEY PLAYER STRATEGIES/RIGHT TO WIN

11.2.1 OVERVIEW OF STRATEGIES ADOPTED BY KEY PLAYERS IN SPORTS TECHNOLOGY MARKET

11.3 REVENUE ANALYSIS, 2019–2023

11.4 MARKET SHARE ANALYSIS, 2023

11.5 COMPANY VALUATION & FINANCIAL METRICS, 2024

11.6 BRAND/PRODUCT COMPARISON

11.6.1 WEARABLES

11.6.2 SMART STADIUMS

11.7 COMPANY EVALUATION MARKET: KEY PLAYERS, 2023

11.7.1 STARS

11.7.2 EMERGING LEADERS

11.7.3 PERVASIVE PLAYERS

11.7.4 PARTICIPANTS

11.7.5 COMPANY FOOTPRINT: KEY PLAYERS, 2023

- 11.7.5.1 Company footprint
- 11.7.5.2 Region footprint
- 11.7.5.3 Type footprint
- 11.7.5.4 Platform footprint
- 11.7.5.5 Sport footprint

11.8 COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2023

- 11.8.1 PROGRESSIVE COMPANIES
- 11.8.2 RESPONSIVE COMPANIES
- 11.8.3 DYNAMIC COMPANIES
- 11.8.4 STARTING BLOCKS
- 11.8.5 COMPETITIVE BENCHMARKING: STARTUPS/SMES, 2023
 - 11.8.5.1 Detailed list of key startups/SME players
 - 11.8.5.2 Competitive benchmarking of key startups/SME players

11.9 COMPETITIVE SCENARIO

- 11.9.1 PRODUCT/SERVICE/SOLUTION LAUNCHES
- 11.9.2 DEALS

12 COMPANY PROFILES

12.1 KEY PLAYERS

- 12.1.1 APPLE INC.
 - 12.1.1.1 Business overview
 - 12.1.1.2 Products/Solutions/Services offered
 - 12.1.1.3 Recent developments
 - 12.1.1.3.1 Product launches
 - 12.1.1.4 MnM view
 - 12.1.1.4.1 Key strengths
 - 12.1.1.4.2 Strategic choices
 - 12.1.1.4.3 Weaknesses & competitive threats
- 12.1.2 SAMSUNG
 - 12.1.2.1 Business overview
 - 12.1.2.2 Products/Solutions/Services offered
 - 12.1.2.3 Recent developments
 - 12.1.2.3.1 Product launches
 - 12.1.2.4 MnM view
 - 12.1.2.4.1 Key strengths
 - 12.1.2.4.2 Strategic choices
 - 12.1.2.4.3 Weaknesses & competitive threats

12.1.3 ALPHABET INC.

- 12.1.3.1 Business overview
- 12.1.3.2 Products/Solutions/Services offered
- 12.1.3.3 Recent developments
 - 12.1.3.3.1 Product launches
 - 12.1.3.3.2 Deals
- 12.1.3.4 MnM view
 - 12.1.3.4.1 Key strengths
 - 12.1.3.4.2 Strategic choices
 - 12.1.3.4.3 Weaknesses & competitive threats

12.1.4 CISCO SYSTEMS, INC.

- 12.1.4.1 Business overview
- 12.1.4.2 Products/Solutions/Services offered
- 12.1.4.3 Recent developments
 - 12.1.4.3.1 Deals
- 12.1.4.4 MnM view
 - 12.1.4.4.1 Key strengths
 - 12.1.4.4.2 Strategic choices
 - 12.1.4.4.3 Weaknesses & competitive threats

12.1.5 IBM

- 12.1.5.1 Business overview
- 12.1.5.2 Products/Solutions/Services offered
- 12.1.5.3 Recent developments
 - 12.1.5.3.1 Solution launches
 - 12.1.5.3.2 Deals
- 12.1.5.4 MnM view
 - 12.1.5.4.1 Key strengths
 - 12.1.5.4.2 Strategic choices
 - 12.1.5.4.3 Weaknesses & competitive threats

12.1.6 TELEFONAKTIEBOLAGET LM ERICSSON

- 12.1.6.1 Business overview
- 12.1.6.2 Products/Solutions/Services offered
- 12.1.6.3 Recent developments
 - 12.1.6.3.1 Deals
- 12.1.6.4 MnM view
 - 12.1.6.4.1 Key strengths
 - 12.1.6.4.2 Strategic choices
 - 12.1.6.4.3 Weaknesses & competitive threats

12.1.7 HUAWEI TECHNOLOGIES CO., LTD.

- 12.1.7.1 Business overview
- 12.1.7.2 Products/Solutions/Services offered
- 12.1.7.3 Recent developments
 - 12.1.7.3.1 Solution launches
 - 12.1.7.3.2 Deals
- 12.1.8 JOHNSON CONTROLS
 - 12.1.8.1 Business overview
 - 12.1.8.2 Products/Solutions/Services offered
 - 12.1.8.3 Recent developments
 - 12.1.8.3.1 Service launches
 - 12.1.8.3.2 Deals
 - 12.1.8.3.3 Other developments
- 12.1.9 EXLSERVICE HOLDINGS, INC.
 - 12.1.9.1 Business overview
 - 12.1.9.2 Products/Solutions/Services offered
 - 12.1.9.3 Recent developments
 - 12.1.9.3.1 Deals
 - 12.1.9.3.2 Expansions
- 12.1.10 GARMIN LTD.
 - 12.1.10.1 Business overview
 - 12.1.10.2 Products/Solutions/Services offered
 - 12.1.10.3 Recent developments
 - 12.1.10.3.1 Product launches & enhancements
- 12.1.11 SAP SE
 - 12.1.11.1 Business overview
 - 12.1.11.2 Products/Solutions/Services offered
 - 12.1.11.3 Recent developments
 - 12.1.11.3.1 Deals
- 12.1.12 CATAPULT
 - 12.1.12.1 Business overview
 - 12.1.12.2 Products/Solutions/Services offered
 - 12.1.12.3 Recent developments
 - 12.1.12.3.1 Product launches
 - 12.1.12.3.2 Deals
- 12.1.13 HUDL
 - 12.1.13.1 Business overview
 - 12.1.13.2 Products/Solutions/Services offered
 - 12.1.13.3 Recent developments
 - 12.1.13.3.1 Deals

12.1.14 AMAZON WEB SERVICES, INC.

- 12.1.14.1 Business overview
- 12.1.14.2 Products/Solutions/Services offered
 - 12.1.14.2.1 Deals
 - 12.1.14.2.2 Other developments

12.1.15 SAS INSTITUTE INC.

- 12.1.15.1 Business overview
- 12.1.15.2 Products/Solutions/Services offered
- 12.1.15.3 Recent developments
 - 12.1.15.3.1 Deals

12.1.16 ORACLE

- 12.1.16.1 Business overview
- 12.1.16.2 Products/Solutions/Services offered

12.1.17 SCHNEIDER ELECTRIC

- 12.1.17.1 Business overview
- 12.1.17.2 Products/Solutions/Services offered

12.1.18 INTEL CORPORATION

- 12.1.18.1 Business overview
- 12.1.18.2 Products/Solutions/Services offered

12.1.19 NEC CORPORATION

- 12.1.19.1 Business overview
- 12.1.19.2 Products/Solutions/Services offered
- 12.1.19.3 Recent developments
 - 12.1.19.3.1 Solution launches
 - 12.1.19.3.2 Deals

12.1.20 NIPPON TELEGRAPH AND TELEPHONE CORPORATION

- 12.1.20.1 Business overview
- 12.1.20.2 Products/Solutions/Services offered
- 12.1.20.3 Recent developments
 - 12.1.20.3.1 Solution launches

12.2 OTHER PLAYERS

- 12.2.1 ARRI GMBH
- 12.2.2 COACH LOGIC
- 12.2.3 DARTFISH
- 12.2.4 FUJITSU
- 12.2.5 LONGOMATCH
- 12.2.6 NACSPORT
- 12.2.7 PANASONIC HOLDINGS CORPORATION
- 12.2.8 SHARP CORPORATION

- 12.2.9 SPIIDEO
- 12.2.10 WHOOP
- 12.2.11 HONEYWELL INTERNATIONAL INC.
- 12.2.12 EXTREME NETWORKS
- 12.2.13 LUMEN TECHNOLOGIES
- 12.2.14 NXP SEMICONDUCTORS
- 12.2.15 VIX TECHNOLOGY
- 12.2.16 HAWK-EYE INNOVATIONS LTD.
- 12.2.17 ATOS
- 12.2.18 VERIZON
- 12.2.19 TECH MAHINDRA LIMITED
- 12.2.20 VODAFONE GROUP
- 12.2.21 T-MOBILE USA, INC.
- 12.2.22 TELEFONICA S.A.
- 12.2.23 EVOLV TECHNOLOGIES, INC.
- 12.2.24 AIFI INC.
- 12.2.25 AT&T

13 APPENDIX

- 13.1 INSIGHTS FROM INDUSTRY EXPERTS
- 13.2 DISCUSSION GUIDE
- 13.3 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL
- 13.4 CUSTOMIZATION OPTIONS
- 13.5 RELATED REPORTS
- 13.6 AUTHOR DETAILS

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