



# Fifth Generation (5G)-Powered Smart Stadiums Industry Analysis Report 2025: Key Trends, Drivers, and Forecast Insights

*The Business Research Company's Fifth Generation (5G)-Powered Smart Stadiums Global Market Report 2025 – Market Size, Trends, And Global Forecast 2025-2034*

LONDON, GREATER LONDON, UNITED KINGDOM, September 3, 2025  
/EINPresswire.com/ -- Get 30% Off All Global Market Reports With Code ONLINE30 – Stay Ahead Of Trade Shifts, Macroeconomic Trends, And Industry Disruptors

The Business  
Research Company

Fifth Generation (5G)-Powered Smart Stadiums  
Global Market Report 2025

[Fifth Generation \(5G\)-Powered Smart Stadiums Market](#) Growth Forecast: What To Expect By 2025?



Get 30% Off All Global Market Reports With Code ONLINE30 – Stay Ahead Of Trade Shifts, Macroeconomic Trends, And Industry Disruptors”

*The Business Research Company*

The market size for smart stadiums powered by fifth generation (5G) technology has seen remarkable growth in the recent past. It is projected to increase from \$6.07 billion in 2024 to reach \$7.92 billion in 2025, indicating a compound annual growth rate (CAGR) of 30.5%. The impressive growth observed during the historic period is mainly due to an increasing desire for immersive fan experiences, a surge in smartphone usage, initiatives towards digitalizing smart venues, early adoption of the internet of things (IoT) within stadium facilities, and the rise in sports streaming services.

The market size of smart stadiums, powered by fifth generation (5G) technology, is predicted to experience substantial growth in the upcoming years, scaling up to \$22.73 billion in 2029 at a Compound Annual Growth Rate (CAGR) of 30.2%. This predicted growth during the forecast period is due to factors such as the increasing adoption of smart ticketing and access control systems, the surge in use of cashless and connected concessions, the growing use of digital twins, and initiatives at the government and league-level for smart cities. The forecast period will

also see significant trends including advancements in digital content management, the incorporation of biometric systems, surveillance enriched by AI and drone-based monitoring, the implementation of edge computing in venues, and the delivery of hyper-personalized content.

Download a free sample of the fifth generation (5g)-powered smart stadiums market report:

<https://www.thebusinessresearchcompany.com/sample.aspx?id=26703&type=smp>

### What Are Key Factors Driving The Demand In The Global Fifth Generation (5G)-Powered Smart Stadiums Market?

The surge in sports digitalization is predictive of the fifth generation (5G) enabled smart stadiums market's future progression. When we discuss digitalizing sports, we're talking about introducing digital technology into all aspects of the sports world to amplify performance, fan participation, procedures, and revenue creation. The prevalence of sports digitalization is on the rise due to technological advancements paving the way for immediate data analytics, virtual fan interaction, and elevated viewing encounters across digital channels. 5G-fueled smart stadiums bolster sports digitalization by providing rapid, low-latency connectivity which facilitates instant data exchange and dynamic fan experiences. These stadiums enhance operational efficiency and viewer involvement through clever applications and unobstructed network access. For example, Affinity Solutions Inc., a technological firm based in the USA, stated in July 2025 that there would be a 21% increase in digital live sports viewers from 2024 to 2027, culminating in 127.4 million viewers. Consequently, the escalating digitalization of sports is accelerating the growth of the fifth generation (5G) facilitated smart stadiums market.

### Who Are The Leading Players In The Fifth Generation (5G)-Powered Smart Stadiums Market?

Major players in the Fifth Generation (5G)-Powered Smart Stadiums Global Market Report 2025 include:

- Samsung Electronics Co. Ltd.
- Verizon Communications Inc.
- AT&T Inc.
- Huawei Technologies Co. Ltd.
- Cisco Systems Inc.
- Orange S.A.
- Vodafone Group Plc
- Telefónica S.A.
- Hewlett Packard Enterprise Company
- Telefonaktiebolaget LM Ericsson

### What Are The Key Trends And Market Opportunities In The Fifth Generation (5G)-Powered Smart Stadiums Sector?

Leading firms in the 5G-driven smart stadiums market are prioritizing the implementation of progressive connectivity solutions including outdoor Wi-Fi 6E and private 5G networks. The goal is to amplify fan experiences, boost operational effectiveness, and establish uninterrupted connectivity. These technologies offer blazing-fast, low-delay internet access throughout large

event locations, facilitating real-time data sharing, augmented reality encounters, and smart stadium applications. For instance, in April 2025, Hewlett Packard Enterprise, an American IT firm, rolled out an outdoor Wi-Fi 6E network at Notre Dame Stadium and ran pilot tests for private 5G connectivity solutions with HPE Aruba Networking, a provider of sophisticated connectivity solutions. This step provides high-bandwidth, low-latency wireless access for fans leading to superior mobile experiences, while the private 5G trial supports operational applications such as security, logistics, and IoT-based stadium management. The objective of this initiative is to ensure dependable connectivity within the venue, thereby elevating both spectator involvement and backend stadium operations.

#### Analysis Of Major Segments Driving The [Fifth Generation \(5G\)-Powered Smart Stadiums Market Growth](#)

The fifth generation (5g)-powered smart stadiums market covered in this report is segmented –

- 1) By Offering: Solution, Services
- 2) By Stadium Type: Outdoor, Multi-Purpose, Indoor
- 3) By End-User: Sports Arenas, Concert Venues, Convention Centers, Other End-Users

#### Subsegments:

- 1) By Solution: Network Infrastructure Solutions, Edge Computing Solutions, IoT And Sensor Solutions, AI And Analytics Solutions, Security Solutions, Connectivity Management Solutions
- 2) By Services: Consulting And Integration Services, Managed Services, Support And Maintenance Services, Network Optimization Services, Training And Deployment Services

View the full fifth generation (5g)-powered smart stadiums market report:

<https://www.thebusinessresearchcompany.com/report/fifth-generation-5g-powered-smart-stadiums-global-market-report>

#### Which Region Is Expected To Lead The Fifth Generation (5G)-Powered Smart Stadiums Market By 2025?

In 2024, North America was identified as the leading region in the global market for fifth-generation (5G) powered smart stadiums. The market report for 5G-powered smart stadiums includes the regions of Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa. The projected growth for this market is also outlined in the report.

Browse Through More Reports Similar to the Global Fifth Generation (5G)-Powered Smart Stadiums Market 2025, By [The Business Research Company](#)

#### Smart Stadium Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/smart-stadium-global-market-report>

#### 5g Infrastructure Equipment Market Report 2025

<https://www.thebusinessresearchcompany.com/report/5g-infrastructure-equipment-market>

5g Iot Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/5G-IoT-global-market-report>

Speak With Our Expert:

Saumya Sahay

Americas +1 310-496-7795

Asia +44 7882 955267 & +91 8897263534

Europe +44 7882 955267

Email: [saumyas@tbrc.info](mailto:saumyas@tbrc.info)

The Business Research Company - [www.thebusinessresearchcompany.com](http://www.thebusinessresearchcompany.com)

Follow Us On:

• LinkedIn: <https://in.linkedin.com/company/the-business-research-company>"

Oliver Guirdham

The Business Research Company

+44 7882 955267

[info@tbrc.info](mailto:info@tbrc.info)

Visit us on social media:

[LinkedIn](#)

[Facebook](#)

[X](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/845234227>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.