

**Multi Access Edge Computing (MEC) Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Solution (Hardware, Software, Services), By End-use (IT & Telecom & Smart Buildings, Datacenters, Energy & Utilities) By Region & Competition, 2021-2031F**

Market Report | 2026-01-05 | 181 pages | TechSci Research

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**Report description:**

**Market Overview**

The Global Multi Access Edge Computing (MEC) Market will grow from USD 3.81 Billion in 2025 to USD 32.59 Billion by 2031 at a 43.01% CAGR. Multi Access Edge Computing (MEC) is a distributed network architecture that positions cloud computing capabilities and IT service environments at the edge of the cellular network, in close proximity to end users.

**Key Market Drivers**

Rapid Deployment and Commercialization of 5G Networks is the primary catalyst propelling the MEC market, providing the essential high-bandwidth and ultra-low latency backbone for edge architectures. Widespread 5G rollout enables operators to deploy edge nodes closer to users, significantly enhancing performance for bandwidth-intensive applications like autonomous driving and immersive media.

**Key Market Challenges**

The substantial capital expenditure required for establishing and maintaining a dense, distributed network constitutes a significant barrier to the expansion of the Multi Access Edge Computing market. Unlike centralized cloud architectures, edge computing demands the physical deployment of servers and related hardware across a vast number of local sites. This necessity creates a heavy financial burden regarding real estate, power management, and ongoing site maintenance, which directly impedes the ability of service providers to scale their networks rapidly.

**Key Market Trends**

The convergence of Private 5G networks with Multi Access Edge Computing (MEC) infrastructure is rapidly becoming a dominant architectural standard for industrial enterprises. This trend involves the simultaneous deployment of localized cellular connectivity

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and on-premise compute nodes, enabling organizations to process sensitive operational data within their secure perimeters while guaranteeing deterministic performance.

#### Key Market Players

- Intel Corporation
- Nokia Corporation
- Hewlett Packard Enterprise
- Huawei Technologies Co., Ltd.
- Cisco Systems, Inc.
- Dell Technologies Inc.
- IBM Corporation
- ZTE Corporation
- Ericsson AB
- ADLINK Technology Inc.

#### Report Scope:

In this report, the Global Multi Access Edge Computing (MEC) Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

#### - Multi Access Edge Computing (MEC) Market, By Solution:

- o Hardware
- o Software
- o Services

#### - Multi Access Edge Computing (MEC) Market, By End-use:

- o IT & Telecom & Smart Buildings
- o Datacenters
- o Energy & Utilities

#### - Multi Access Edge Computing (MEC) Market, By Region:

- o North America
  - United States
  - Canada
  - Mexico
- o Europe
  - France
  - United Kingdom
  - Italy
  - Germany
  - Spain
- o Asia Pacific
  - China
  - India
  - Japan
  - Australia
  - South Korea
- o South America
  - Brazil
  - Argentina
  - Colombia
- o Middle East & Africa
  - South Africa

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- Saudi Arabia

- UAE

#### Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Multi Access Edge Computing (MEC) Market.

Available Customizations:

Global Multi Access Edge Computing (MEC) Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

#### Company Information

- Detailed analysis and profiling of additional market players (up to five).

### Table of Contents:

1. Product Overview
  - 1.1. Market Definition
  - 1.2. Scope of the Market
    - 1.2.1. Markets Covered
    - 1.2.2. Years Considered for Study
    - 1.2.3. Key Market Segmentations
2. Research Methodology
  - 2.1. Objective of the Study
  - 2.2. Baseline Methodology
  - 2.3. Key Industry Partners
  - 2.4. Major Association and Secondary Sources
  - 2.5. Forecasting Methodology
  - 2.6. Data Triangulation & Validation
  - 2.7. Assumptions and Limitations
3. Executive Summary
  - 3.1. Overview of the Market
  - 3.2. Overview of Key Market Segmentations
  - 3.3. Overview of Key Market Players
  - 3.4. Overview of Key Regions/Countries
  - 3.5. Overview of Market Drivers, Challenges, Trends
4. Voice of Customer
5. Global Multi Access Edge Computing (MEC) Market Outlook
  - 5.1. Market Size & Forecast
    - 5.1.1. By Value
  - 5.2. Market Share & Forecast
    - 5.2.1. By Solution (Hardware, Software, Services)
    - 5.2.2. By End-use (IT & Telecom & Smart Buildings, Datacenters, Energy & Utilities)
    - 5.2.3. By Region
    - 5.2.4. By Company (2025)
  - 5.3. Market Map
6. North America Multi Access Edge Computing (MEC) Market Outlook
  - 6.1. Market Size & Forecast
    - 6.1.1. By Value
  - 6.2. Market Share & Forecast

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- 6.2.1. By Solution
- 6.2.2. By End-use
- 6.2.3. By Country
- 6.3. North America: Country Analysis
  - 6.3.1. United States Multi Access Edge Computing (MEC) Market Outlook
    - 6.3.1.1. Market Size & Forecast
      - 6.3.1.1.1. By Value
    - 6.3.1.2. Market Share & Forecast
      - 6.3.1.2.1. By Solution
      - 6.3.1.2.2. By End-use
  - 6.3.2. Canada Multi Access Edge Computing (MEC) Market Outlook
    - 6.3.2.1. Market Size & Forecast
      - 6.3.2.1.1. By Value
    - 6.3.2.2. Market Share & Forecast
      - 6.3.2.2.1. By Solution
      - 6.3.2.2.2. By End-use
  - 6.3.3. Mexico Multi Access Edge Computing (MEC) Market Outlook
    - 6.3.3.1. Market Size & Forecast
      - 6.3.3.1.1. By Value
    - 6.3.3.2. Market Share & Forecast
      - 6.3.3.2.1. By Solution
      - 6.3.3.2.2. By End-use
- 7. Europe Multi Access Edge Computing (MEC) Market Outlook
  - 7.1. Market Size & Forecast
    - 7.1.1. By Value
  - 7.2. Market Share & Forecast
    - 7.2.1. By Solution
    - 7.2.2. By End-use
    - 7.2.3. By Country
  - 7.3. Europe: Country Analysis
    - 7.3.1. Germany Multi Access Edge Computing (MEC) Market Outlook
      - 7.3.1.1. Market Size & Forecast
        - 7.3.1.1.1. By Value
      - 7.3.1.2. Market Share & Forecast
        - 7.3.1.2.1. By Solution
        - 7.3.1.2.2. By End-use
    - 7.3.2. France Multi Access Edge Computing (MEC) Market Outlook
      - 7.3.2.1. Market Size & Forecast
        - 7.3.2.1.1. By Value
      - 7.3.2.2. Market Share & Forecast
        - 7.3.2.2.1. By Solution
        - 7.3.2.2.2. By End-use
    - 7.3.3. United Kingdom Multi Access Edge Computing (MEC) Market Outlook
      - 7.3.3.1. Market Size & Forecast
        - 7.3.3.1.1. By Value
      - 7.3.3.2. Market Share & Forecast
        - 7.3.3.2.1. By Solution

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- 7.3.3.2.2. By End-use
- 7.3.4. Italy Multi Access Edge Computing (MEC) Market Outlook
  - 7.3.4.1. Market Size & Forecast
    - 7.3.4.1.1. By Value
  - 7.3.4.2. Market Share & Forecast
    - 7.3.4.2.1. By Solution
    - 7.3.4.2.2. By End-use
- 7.3.5. Spain Multi Access Edge Computing (MEC) Market Outlook
  - 7.3.5.1. Market Size & Forecast
    - 7.3.5.1.1. By Value
  - 7.3.5.2. Market Share & Forecast
    - 7.3.5.2.1. By Solution
    - 7.3.5.2.2. By End-use
- 8. Asia Pacific Multi Access Edge Computing (MEC) Market Outlook
  - 8.1. Market Size & Forecast
    - 8.1.1. By Value
  - 8.2. Market Share & Forecast
    - 8.2.1. By Solution
    - 8.2.2. By End-use
    - 8.2.3. By Country
  - 8.3. Asia Pacific: Country Analysis
    - 8.3.1. China Multi Access Edge Computing (MEC) Market Outlook
      - 8.3.1.1. Market Size & Forecast
        - 8.3.1.1.1. By Value
      - 8.3.1.2. Market Share & Forecast
        - 8.3.1.2.1. By Solution
        - 8.3.1.2.2. By End-use
    - 8.3.2. India Multi Access Edge Computing (MEC) Market Outlook
      - 8.3.2.1. Market Size & Forecast
        - 8.3.2.1.1. By Value
      - 8.3.2.2. Market Share & Forecast
        - 8.3.2.2.1. By Solution
        - 8.3.2.2.2. By End-use
    - 8.3.3. Japan Multi Access Edge Computing (MEC) Market Outlook
      - 8.3.3.1. Market Size & Forecast
        - 8.3.3.1.1. By Value
      - 8.3.3.2. Market Share & Forecast
        - 8.3.3.2.1. By Solution
        - 8.3.3.2.2. By End-use
    - 8.3.4. South Korea Multi Access Edge Computing (MEC) Market Outlook
      - 8.3.4.1. Market Size & Forecast
        - 8.3.4.1.1. By Value
      - 8.3.4.2. Market Share & Forecast
        - 8.3.4.2.1. By Solution
        - 8.3.4.2.2. By End-use
    - 8.3.5. Australia Multi Access Edge Computing (MEC) Market Outlook
      - 8.3.5.1. Market Size & Forecast

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- 8.3.5.1.1. By Value
- 8.3.5.2. Market Share & Forecast
  - 8.3.5.2.1. By Solution
  - 8.3.5.2.2. By End-use
- 9. Middle East & Africa Multi Access Edge Computing (MEC) Market Outlook
  - 9.1. Market Size & Forecast
    - 9.1.1. By Value
  - 9.2. Market Share & Forecast
    - 9.2.1. By Solution
    - 9.2.2. By End-use
    - 9.2.3. By Country
  - 9.3. Middle East & Africa: Country Analysis
    - 9.3.1. Saudi Arabia Multi Access Edge Computing (MEC) Market Outlook
      - 9.3.1.1. Market Size & Forecast
        - 9.3.1.1.1. By Value
      - 9.3.1.2. Market Share & Forecast
        - 9.3.1.2.1. By Solution
        - 9.3.1.2.2. By End-use
    - 9.3.2. UAE Multi Access Edge Computing (MEC) Market Outlook
      - 9.3.2.1. Market Size & Forecast
        - 9.3.2.1.1. By Value
      - 9.3.2.2. Market Share & Forecast
        - 9.3.2.2.1. By Solution
        - 9.3.2.2.2. By End-use
    - 9.3.3. South Africa Multi Access Edge Computing (MEC) Market Outlook
      - 9.3.3.1. Market Size & Forecast
        - 9.3.3.1.1. By Value
      - 9.3.3.2. Market Share & Forecast
        - 9.3.3.2.1. By Solution
        - 9.3.3.2.2. By End-use
- 10. South America Multi Access Edge Computing (MEC) Market Outlook
  - 10.1. Market Size & Forecast
    - 10.1.1. By Value
  - 10.2. Market Share & Forecast
    - 10.2.1. By Solution
    - 10.2.2. By End-use
    - 10.2.3. By Country
  - 10.3. South America: Country Analysis
    - 10.3.1. Brazil Multi Access Edge Computing (MEC) Market Outlook
      - 10.3.1.1. Market Size & Forecast
        - 10.3.1.1.1. By Value
      - 10.3.1.2. Market Share & Forecast
        - 10.3.1.2.1. By Solution
        - 10.3.1.2.2. By End-use
    - 10.3.2. Colombia Multi Access Edge Computing (MEC) Market Outlook
      - 10.3.2.1. Market Size & Forecast
        - 10.3.2.1.1. By Value

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- 10.3.2.2. Market Share & Forecast
  - 10.3.2.2.1. By Solution
  - 10.3.2.2.2. By End-use
- 10.3.3. Argentina Multi Access Edge Computing (MEC) Market Outlook
  - 10.3.3.1. Market Size & Forecast
    - 10.3.3.1.1. By Value
  - 10.3.3.2. Market Share & Forecast
    - 10.3.3.2.1. By Solution
    - 10.3.3.2.2. By End-use
- 11. Market Dynamics
  - 11.1. Drivers
  - 11.2. Challenges
- 12. Market Trends & Developments
  - 12.1. Merger & Acquisition (If Any)
  - 12.2. Product Launches (If Any)
  - 12.3. Recent Developments
- 13. Global Multi Access Edge Computing (MEC) Market: SWOT Analysis
- 14. Porter's Five Forces Analysis
  - 14.1. Competition in the Industry
  - 14.2. Potential of New Entrants
  - 14.3. Power of Suppliers
  - 14.4. Power of Customers
  - 14.5. Threat of Substitute Products
- 15. Competitive Landscape
  - 15.1. Intel Corporation
    - 15.1.1. Business Overview
    - 15.1.2. Products & Services
    - 15.1.3. Recent Developments
    - 15.1.4. Key Personnel
    - 15.1.5. SWOT Analysis
  - 15.2. Nokia Corporation
  - 15.3. Hewlett Packard Enterprise
  - 15.4. Huawei Technologies Co., Ltd.
  - 15.5. Cisco Systems, Inc.
  - 15.6. Dell Technologies Inc.
  - 15.7. IBM Corporation
  - 15.8. ZTE Corporation
  - 15.9. Ericsson AB
  - 15.10. ADLINK Technology Inc.
- 16. Strategic Recommendations
- 17. About Us & Disclaimer

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