

India Geographic Information System (GIS) Software Market by Component (Solution and Services), Software Type (Desktop GIS, Server GIS, Developer GIS, Mobile GIS, and Others), Function (Mapping, Surveying, Location-Based Services, Navigation & Telematics, and Others), and End User (Defense, Agriculture, Oil & Gas, Construction, Utilities, Transportation & Logistics, and Others): Opportunity Analysis and Industry Forecast, 2019–2026

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Abstracts

A geographic information system (GIS) is a system developed to capture, store, manipulate, analyze, manage, and present all types of geographical data. The software contains additional tools compared to a relational database. It provides tools and functions to input and store spatial data or geographic data. It facilitates users to perform geographic query, run analysis model and display geographic data in the map form. It enables quick access to relevant location specific data for making informed business decisions, which is projected to boost the market growth.

Increase in adoption of GIS for facilities management, integration of GIS with mainstream technologies for business intelligence, growth in demand for GIS software for smart cities development, and urban planning are some of the major factors that drive the growth of the India GIS software market. In addition, increase in investment by the enterprises on GIS solutions and adoption of GIS in transportation sector are expected to fuel the growth of the market. Conversely, emerging trend of adopting cloud-based GIS and growing application of AR and VR technologies in geographic information system are expected to provide lucrative opportunities for the growth of the

market.

The India GIS software market is segmented on the basis of component, software type, functions, end user, and region. In terms of component, the market is bifurcated into software and services. By software type, the market is classified into desktop GIS, server GIS, developer GIS, mobile GIS, and others. By function, it is fragmented into mapping, surveying, location-based services, navigation and telematics, and others. By end user segment, it is divided into defense, agriculture, oil & gas, construction, utilities, transportation & logistics, and others. By country, the market is analyzed across India.

Key players profiled in the report include Autodesk, Bentley System, Caliper, ESRI, General Electric Co, Geosoft, Hexagon AB (Intergraph), Marvel Geospatial Solutions Private Limited., Pitney Bowes, and Trimble. These players have adopted various strategies to increase their market penetration and strengthen their position in the industry.

Key benefits for stakeholders

The study provides an in-depth analysis of the India GIS software market along with the current & future trends to elucidate the imminent investment pockets.

Information about key drivers, restraints, and opportunities and their impact analysis on the market size is provided in the report.

Porter's five forces analysis illustrates the potency of buyers and suppliers operating in the industry.

The quantitative analysis of the India GIS software market from 2019 to 2026 is provided to determine the market potential.

Key market segments

By Component

Solution

Service

By Software Type

Desktop GIS

Server GIS

Developer GIS

Mobile GIS

Others

By Function

Mapping

Surveying

Location Based Services

Navigation & Telematics

Others

Key Market Players

Autodesk

Bentley System

Caliper

ESRI

General Electric Co

Geosoft

Hexagon AB (Intergraph)

Marvel Geospatial Solutions Private Limited.

Pitney Bowes

Trimble

Contents

CHAPTER 1: INTRODUCTION

- 1.1. Report description
- 1.2. Key benefits for stakeholders
- 1.3. Key market segments
- 1.4. Research methodology
 - 1.4.1. Secondary research
 - 1.4.2. Primary research
 - 1.4.3. Analyst tools & models

CHAPTER 2: EXECUTIVE SUMMARY

- 2.1. Key findings
 - 2.1.1. Top impacting factors
- 2.2. CXO perspective

CHAPTER 3: MARKET OVERVIEW

- 3.1. Market definition and scope
- 3.2. Key forces shaping India GIS Software market
- 3.3. Case Studies
 - 3.3.1. Case study
 - 3.3.2. Case study
- 3.4. Market dynamics
 - 3.4.1. Drivers
 - 3.4.1.1. Increase in adoption of GIS for facilities management
 - 3.4.1.2. Integration of GIS with mainstream technologies for business intelligence
 - 3.4.1.3. Increase in demand for GIS software in smart cities development and urban planning
 - 3.4.2. Restraints
 - 3.4.2.1. High cost
 - 3.4.2.2. Availability of open-source GIS software
 - 3.4.3. Opportunities
 - 3.4.3.1. Adoption of advanced technologies such as AR, VR and IoT for GIS
 - 3.4.3.2. Emerging technologies such as geospatial AI
 - 3.4.3.3. Development of 4D GIS Software

CHAPTER 4: INDIA GIS SOFTWARE MARKET, BY COMPONENT

4.1. Overview

4.2. Software

4.2.1. Key market trends, growth factors, and opportunities

4.2.2. Market size and forecast, by region

4.3. Service

4.3.1. Key market trends, growth factors, and opportunities

4.3.2. Market size and forecast, by region

CHAPTER 5: INDIA GIS SOFTWARE MARKET, BY SOFTWARE TYPE

5.1. Overview

5.2. Desktop GIS

5.2.1. Key market trends, growth factors, and opportunities

5.2.2. Market size and forecast, by region

5.3. Server GIS

5.3.1. Key market trends, growth factors, and opportunities

5.3.2. Market size and forecast, by region

5.4. Developer GIS

5.4.1. Key market trends, growth factors, and opportunities

5.4.2. Market size and forecast, by region

5.5. Mobile GIS

5.5.1. Key market trends, growth factors, and opportunities

5.5.2. Market size and forecast, by region

5.6. Others

5.6.1. Key market trends, growth factors, and opportunities

5.6.2. Market size and forecast, by region

CHAPTER 6: INDIA GIS SOFTWARE MARKET, BY FUNCTION

6.1. Overview

6.2. Mapping

6.2.1. Key market trends, growth factors, and opportunities

6.2.2. Market size and forecast, by region

6.3. Surveying

6.3.1. Key market trends, growth factors, and opportunities

6.3.2. Market size and forecast, by region

6.4. Location-Based Services

- 6.4.1. Key market trends, growth factors, and opportunities
- 6.4.2. Market size and forecast, by region
- 6.5. Navigation & Telematics
 - 6.5.1. Key market trends, growth factors, and opportunities
 - 6.5.2. Market size and forecast, by region
- 6.6. Others
 - 6.6.1. Key market trends, growth factors, and opportunities
 - 6.6.2. Market size and forecast, by region

CHAPTER 7: INDIA GIS SOFTWARE MARKET, BY END USER

- 7.1. Overview
- 7.2. Defense
 - 7.2.1. Key market trends, growth factors, and opportunities
 - 7.2.2. Market size and forecast, by region
- 7.3. Agriculture
 - 7.3.1. Key market trends, growth factors, and opportunities
 - 7.3.2. Market size and forecast, by region
- 7.4. Oil & Gas
 - 7.4.1. Key market trends, growth factors, and opportunities
 - 7.4.2. Market size and forecast, by region
- 7.5. Construction
 - 7.5.1. Key market trends, growth factors, and opportunities
 - 7.5.2. Market size and forecast, by region
- 7.6. Utilities
 - 7.6.1. Key market trends, growth factors, and opportunities
 - 7.6.2. Market size and forecast, by region
- 7.7. Transportation & logistics
 - 7.7.1. Key market trends, growth factors, and opportunities
 - 7.7.2. Market size and forecast, by region
- 7.8. Others
 - 7.8.1. Key market trends, growth factors, and opportunities
 - 7.8.2. Market size and forecast, by region

CHAPTER 8: COMPETITIVE LANDSCAPE

- 8.1. Market player positioning, 2018
- 8.2. Competitive Dashboard
- 8.3. Top Winning Strategies

CHAPTER 9: COMPANY PROFILES

9.1. AUTODESK

- 9.1.1. Company overview
- 9.1.2. Key Executives
- 9.1.3. Company snapshot
- 9.1.4. Operating business segments
- 9.1.5. Product portfolio
- 9.1.6. Business performance
- 9.1.7. Key strategic moves and developments

9.2. BENTLEY SYSTEMS, INCORPORATED

- 9.2.1. Company overview
- 9.2.2. Key Executives
- 9.2.3. Company snapshot
- 9.2.4. Product portfolio
- 9.2.5. Key strategic moves and developments

9.3. CALIPER CORPORATION

- 9.3.1. Company overview
- 9.3.2. Key Executives
- 9.3.3. Company snapshot
- 9.3.4. Product portfolio
- 9.3.5. Key strategic moves and developments

9.4. MARVEL GEOSPATIAL SOLUTIONS PRIVATE LIMITED.

- 9.4.1. Key Executive
- 9.4.2. Company overview
- 9.4.3. Company snapshot
- 9.4.4. Product portfolio

9.5. ESRI

- 9.5.1. Company overview
- 9.5.2. Key Executives
- 9.5.3. Company snapshot
- 9.5.4. Product portfolio
- 9.5.5. Key strategic moves and developments

9.6. GENERAL ELECTRIC CO.

- 9.6.1. Company overview
- 9.6.2. Key Executives
- 9.6.3. Company snapshot
- 9.6.4. Operating business segments

- 9.6.5. Product portfolio
- 9.6.6. Business performance
- 9.7. GEOSOFTE (SEEQUENT LIMITED)
 - 9.7.1. Company overview
 - 9.7.2. Key Executive
 - 9.7.3. Company snapshot
 - 9.7.4. Product portfolio
 - 9.7.5. Key strategic moves and developments
- 9.8. HEXAGON AB (INTERGRAPH)
 - 9.8.1. Company overview
 - 9.8.2. Key Executives
 - 9.8.3. Company snapshot
 - 9.8.4. Operating business segments
 - 9.8.5. Product portfolio
 - 9.8.6. Business performance
 - 9.8.7. Key strategic moves and developments
- 9.9. PITNEY BOWES INC.
 - 9.9.1. Company overview
 - 9.9.2. Key Executives
 - 9.9.3. Company snapshot
 - 9.9.4. Operating business segments
 - 9.9.5. Product portfolio
 - 9.9.6. Business performance
 - 9.9.7. Key strategic moves and developments
- 9.10. TRIMBLE INC.
 - 9.10.1. Company overview
 - 9.10.2. Key Executives
 - 9.10.3. Company snapshot
 - 9.10.4. Operating business segments
 - 9.10.5. Product portfolio
 - 9.10.6. Business performance
 - 9.10.7. Key strategic moves and developments

List Of Tables

LIST OF TABLES

TABLE 01. INDIA GIS SOFTWARE MARKET REVENUE, BY COMPONENT, 2018–2026 (\$MILLION)

TABLE 02. INDIA GIS SOFTWARE MARKET REVENUE FOR SOFTWARE, 2018–2026 (\$MILLION)

TABLE 03. INDIA GIS SOFTWARE MARKET REVENUE FOR SERVICE, 2018–2026 (\$MILLION)

TABLE 04. INDIA GIS SOFTWARE MARKET REVENUE, BY SOFTWARE TYPE, 2018-2026 (\$MILLION)

TABLE 05. INDIA GIS SOFTWARE MARKET REVENUE FOR DESKTOP GIS, 2018–2026 (\$MILLION)

TABLE 06. INDIA GIS SOFTWARE MARKET REVENUE FOR SERVER GIS, 2018–2026 (\$MILLION)

TABLE 07. INDIA GIS SOFTWARE MARKET REVENUE FOR DEVELOPER GIS, 2018–2026 (\$MILLION)

TABLE 08. INDIA GIS SOFTWARE MARKET REVENUE FOR MOBILE GIS, 2018–2026 (\$MILLION)

TABLE 09. INDIA GIS SOFTWARE MARKET REVENUE FOR OTHERS, 2018–2026 (\$MILLION)

TABLE 10. INDIA GIS SOFTWARE MARKET REVENUE, BY FUNCTION, 2018-2026 (\$MILLION)

TABLE 11. INDIA GIS SOFTWARE MARKET REVENUE FOR MAPPING, 2018–2026 (\$MILLION)

TABLE 12. INDIA GIS SOFTWARE MARKET REVENUE FOR SURVEYING, 2018–2026 (\$MILLION)

TABLE 13. INDIA GIS SOFTWARE MARKET REVENUE FOR LOCATION-BASED SERVICES, 2018–2026 (\$MILLION)

TABLE 14. INDIA GIS SOFTWARE MARKET REVENUE FOR NAVIGATION & TELEMATICS, 2018–2026 (\$MILLION)

TABLE 15. INDIA GIS SOFTWARE MARKET REVENUE FOR OTHERS, 2018–2026 (\$MILLION)

TABLE 16. INDIA GIS SOFTWARE MARKET REVENUE, BY END USER, 2018-2026 (\$MILLION)

TABLE 17. INDIA GIS SOFTWARE MARKET REVENUE FOR DEFENSE, 2018–2026 (\$MILLION)

TABLE 18. INDIA GIS SOFTWARE MARKET REVENUE FOR AGRICULTURE,

2018–2026 (\$MILLION)

TABLE 19. INDIA GIS SOFTWARE MARKET REVENUE FOR OIL & GAS, 2018–2026 (\$MILLION)

TABLE 20. INDIA GIS SOFTWARE MARKET REVENUE FOR CONSTRUCTION, 2018–2026 (\$MILLION)

TABLE 21. INDIA GIS SOFTWARE MARKET REVENUE FOR UTILITIES, 2018–2026 (\$MILLION)

TABLE 22. INDIA GIS SOFTWARE MARKET REVENUE FOR TRANSPORTATION & LOGISTICS, 2018–2026 (\$MILLION)

TABLE 23. INDIA GIS SOFTWARE MARKET REVENUE FOR OTHERS, 2018–2026 (\$MILLION)

TABLE 24. AUTODESK INC: KEY EXECUTIVES

TABLE 25. AUTODESK: COMPANY SNAPSHOT

TABLE 26. AUTODESK: OPERATING SEGMENTS

TABLE 27. AUTODESK: PRODUCT PORTFOLIO

TABLE 28. AUTODESK: KEY STRATEGIC MOVES AND DEVELOPMENTS

TABLE 29. BENTLEY SYSTEMS INCORPORATED: KEY EXECUTIVES

TABLE 30. BENTLEY SYSTEMS, INCORPORATED: COMPANY SNAPSHOT

TABLE 31. BENTLEY SYSTEMS, INCORPORATED: PRODUCT PORTFOLIO

TABLE 32. BENTLEY SYSTEMS, INCORPORATED: KEY STRATEGIC MOVES AND DEVELOPMENTS

TABLE 33. CALIPER CORPORATION: KEY EXECUTIVES

TABLE 34. CALIPER CORPORATION: COMPANY SNAPSHOT

TABLE 35. CALIPER CORPORATION: PRODUCT PORTFOLIO

TABLE 36. CALIPER CORPORATION: KEY STRATEGIC MOVES AND DEVELOPMENTS

TABLE 37. MARVEL GEOSPATIAL SOLUTIONS PRIVATE LIMITED.: KEY EXECUTIVE

TABLE 38. MARVEL GEOSPATIAL SOLUTIONS PRIVATE LIMITED.: COMPANY SNAPSHOT

TABLE 39. MARVEL GEOSPATIAL SOLUTIONS PRIVATE LIMITED.: PRODUCT PORTFOLIO

TABLE 40. ESRI: KEY EXECUTIVES

TABLE 41. ESRI: COMPANY SNAPSHOT

TABLE 42. ESRI: PRODUCT PORTFOLIO

TABLE 43. ESRI: KEY STRATEGIC MOVES AND DEVELOPMENTS

TABLE 44. GENERAL ELECTRIC: KEY EXECUTIVES

TABLE 45. GENERAL ELECTRIC: COMPANY SNAPSHOT

TABLE 46. GENERAL ELECTRIC: OPERATING SEGMENTS

TABLE 47. GENERAL ELECTRIC: PRODUCT PORTFOLIO

TABLE 48. GEOSOFT: KEY EXECUTIVE

TABLE 49. GEOSOFT: COMPANY SNAPSHOT

TABLE 50. GEOSOFT: PRODUCT PORTFOLIO

TABLE 51. GEOSOFT.: KEY STRATEGIC MOVES AND DEVELOPMENTS

TABLE 52. HEXAGON AB: KEY EXECUTIVES

TABLE 53. HEXAGON AB: COMPANY SNAPSHOT

TABLE 54. HEXAGON AB: OPERATING SEGMENTS

TABLE 55. HEXAGON AB: PRODUCT PORTFOLIO

TABLE 56. PITNEY BOWES INC: KEY EXECUTIVES

TABLE 57. PITNEY BOWES INC.: COMPANY SNAPSHOT

TABLE 58. ORACLE CORPORATION: OPERATING SEGMENTS

TABLE 59. PITNEY BOWES INC.: PRODUCT PORTFOLIO

TABLE 60. PITNEY BOWES INC.: KEY STRATEGIC MOVES AND DEVELOPMENTS

TABLE 61. TRIMBLE INC.: KEY EXECUTIVES

TABLE 62. TRIMBLE INC.: COMPANY SNAPSHOT

TABLE 63. TRIMBLE INC.: OPERATING SEGMENTS

TABLE 64. TRIMBLE INC.: PRODUCT PORTFOLIO

TABLE 65. TRIMBLE INC.: KEY STRATEGIC MOVES AND DEVELOPMENTS

List Of Figures

LIST OF FIGURES

- FIGURE 01. KEY MARKET SEGMENTS
- FIGURE 02. INDIA GIS SOFTWARE MARKET, 2018–2026
- FIGURE 03. INDIA GIS SOFTWARE MARKET: TOP IMPACTING FACTOR
- FIGURE 04. MODERATE BARGAINING POWER OF SUPPLIERS
- FIGURE 05. LOW-TO-MODERATE BARGAINING POWER OF BUYER
- FIGURE 06. MODERATE THREAT OF SUBSTITUTES
- FIGURE 07. LOW-TO-MODERATE THREAT OF NEW ENTRANTS
- FIGURE 08. MODERATE COMPETITIVE RIVALRY
- FIGURE 09. INDIA GIS SOFTWARE MARKET, BY COMPONENT, 2018-2026
- FIGURE 10. INDIA GIS SOFTWARE MARKET REVENUE, BY SOFTWARE TYPE, 2018–2026 (\$MILLION)
- FIGURE 11. INDIA GIS SOFTWARE MARKET REVENUE, BY FUNCTION, 2018–2026 (\$MILLION)
- FIGURE 12. INDIA GIS SOFTWARE MARKET REVENUE, BY END USER, 2018–2026 (\$MILLION)
- FIGURE 13. KEY PLAYERS POSITIONING, 2018
- FIGURE 14. COMPETITIVE DASHBOARD
- FIGURE 15. COMPETITIVE DASHBOARD
- FIGURE 16. COMPETITIVE HEATMAP OF KEY PLAYERS
- FIGURE 17. TOP WINNING STRATEGIES, BY YEAR, 2016-2019
- FIGURE 18. TOP WINNING STRATEGIES, BY DEVELOPMENT, 2016-2019
- FIGURE 19. TOP WINNING STRATEGIES, BY COMPANY, 2016-2019
- FIGURE 20. AUTODESK: REVENUE, 2016–2018 (\$MILLION)
- FIGURE 21. AUTODESK: REVENUE SHARE BY SEGMENT, 2017 (%)
- FIGURE 22. AUTODESK: REVENUE SHARE BY REGION, 2017 (%)
- FIGURE 23. GENERAL ELECTRIC: REVENUE, 2016–2018 (\$MILLION)
- FIGURE 24. GENERAL ELECTRIC: REVENUE SHARE BY SEGMENT, 2018 (%)
- FIGURE 25. GENERAL ELECTRIC: REVENUE SHARE BY REGION, 2018 (%)
- FIGURE 26. HEXAGON AB: REVENUE, 2015–2017 (\$MILLION)
- FIGURE 27. HEXAGON AB: REVENUE SHARE BY SEGMENT, 2017 (%)
- FIGURE 28. HEXAGON AB: REVENUE SHARE BY REGION, 2017 (%)
- FIGURE 29. PITNEY BOWES INC.: REVENUE, 2016–2018 (\$MILLION)
- FIGURE 30. PITNEY BOWES INC.: REVENUE SHARE BY SEGMENT, 2018 (%)
- FIGURE 31. TRIMBLE INC.: REVENUE, 2016–2018 (\$MILLION)
- FIGURE 32. TRIMBLE INC.: REVENUE SHARE BY SEGMENT, 2018 (%)

FIGURE 33. TRIMBLE INC.: REVENUE SHARE BY REGION, 2018 (%)

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