

Irrigation Automation Market Size, Share & Trends Analysis Report By Automation Type, By Component (Controllers, Sensors, Valves, Sprinklers), By Irrigation Type, By Application, And Segment Forecasts, 2020 - 2027

<https://marketpublishers.com/r/I8FC67BF94B2EN.html>

Date: September 2020

Pages: 80

Price: US\$ 5,950.00 (Single User License)

ID: I8FC67BF94B2EN

Abstracts

This report can be delivered to the clients within 72 Business Hours

Irrigation Automation Market Growth & Trends

The global irrigation automation market size is anticipated to reach USD 8.96 billion by 2027, expanding at a CAGR of 16.8% from 2020 to 2027, according to a new report by Grand View Research, Inc. Government subsidies and incentives in the form of low-interest loans for implementing automated irrigation systems are expected to increase usage of these systems in the forthcoming years. Also, government projects such as smarter irrigation for profit led by the Rural Industries Research and Development Corporation (RIRDC), the Cotton Research and Development Corporation (CRDC), and Department of Agriculture and Water Resources assist farmers and commercial irrigation system providers to save time and water by adopting smart automated irrigation systems.

Furthermore, the Australian Federal, State, and Territory Governments have facilitated the automation of irrigation infrastructures such as improvements in on-farm irrigation hardware and distribution channels. This has led to more efficient water usage and some of the water saved is being used for environmental purposes. Moreover, improved irrigation methods are likely to have a long-term impact on saving water resources. Consequently, the use of communication sensors and remote sensing networks are evolving in the irrigation sector, which is expected to improve water usage patterns worldwide.

Increasing awareness among farmers about the advantages of adopting irrigation automation systems is a strong contributor to market growth. However, factors such as high cost associated with the installation of an irrigation system and lack of suitable infrastructure might impede the market growth over the forecast period. Furthermore, expanded penetration of solar-powered irrigation systems due to its low fuel costs and minimum maintenance requirement is likely to aid the market expansion at a strong rate over the next few years.

Irrigation Automation Market Report Highlights

The market is anticipated to witness substantial growth during the forecast period due to increasing water scarcity instances and shifting trend towards mechanization of agricultural processes across the globe

The time-based automation type segment accounted for the largest revenue share in 2019, owing to associated benefits such as control of the irrigation process, less labor cost, and less amount of fuel used, among others

The sensor segment is projected to exhibit significant growth during the forecast period from 2020 to 2027, owing to the benefits offered such as access to real-time soil moisture level and temperature data

The drip irrigation segment accounted for the largest revenue share in 2019 and is also anticipated to continue its dominance over the forecast period due to factors such as less water consumption ability, lower cost of drip systems, and longer life span

The non-agricultural segment led the market and accounted for the largest revenue share in 2019, owing to the upsurge in the number of golf courses, sports grounds, pastures, gardens, residential, and turf and landscapes across the globe

Asia Pacific dominated the market and accounted for over 22% revenue share in 2019, owing to the presence of the vast agricultural lands, strong government support, and lowering water levels in river basins

Contents

CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Market Segmentation & Scope
- 1.2. Market Definitions
- 1.3. Information Procurement
 - 1.3.1. Purchased Database
 - 1.3.2. GVR's Internal Database
 - 1.3.3. Secondary Sources & Third-Party Perspectives
 - 1.3.4. Primary Research
- 1.4. Information Analysis
 - 1.4.1. Data Analysis Models
- 1.5. Market Formulation & Data Visualization
- 1.6. Data Validation & Publishing

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Outlook
- 2.2. Segmental Outlook

CHAPTER 3. MARKET VARIABLE, TRENDS & SCOPE

- 3.1. Irrigation Automation Market Trends
 - 3.1.1. Technology Trends
 - 3.1.2. Buyer Trends
 - 3.1.3. Supplier Trends
 - 3.1.4. Regulatory Trends
- 3.2. Irrigation Automation Market Dynamics
 - 3.2.1. Market Driver Analysis
 - 3.2.2. Market Opportunity Analysis
 - 3.2.3. Market Challenge Analysis
- 3.3. Penetration & Growth Prospect Mapping
- 3.4. Irrigation Automation Market - Value Chain Analysis
- 3.5. Irrigation Automation Market Industry Analysis - Porter's
 - 3.5.1. Supplier Power
 - 3.5.2. Buyer Power
 - 3.5.3. Substitution Threat
 - 3.5.4. Threat of New Entrants

- 3.5.5. Competitive Rivalry
- 3.6. Irrigation Automation Market Industry Analysis - PEST
 - 3.6.1. Political & Legal Landscape
 - 3.6.2. Environmental Landscape
 - 3.6.3. Social Landscape
 - 3.6.4. Technology Landscape
- 3.7. Major Deals & Strategic Alliances Analysis
 - 3.7.1. Joint Ventures
 - 3.7.2. Mergers & Acquisitions
 - 3.7.3. Licensing & Partnership
 - 3.7.4. Technology Collaborations

CHAPTER 4. IRRIGATION AUTOMATION MARKET: AUTOMATION TYPE ESTIMATES & TREND ANALYSIS

- 4.1. Irrigation Automation Market: Automation Type Analysis
 - 4.1.1. Time-Based
 - 4.1.2. Volume-Based
 - 4.1.3. Real-time Based
 - 4.1.4. Computer-Based Control System

CHAPTER 5. IRRIGATION AUTOMATION MARKET: COMPONENT ESTIMATES & TREND ANALYSIS

- 5.1. Irrigation Automation Market: Component Analysis
 - 5.1.1. Controllers
 - 5.1.2. Sensors
 - 5.1.3. Valves
 - 5.1.4. Sprinklers
 - 5.1.5. Others

CHAPTER 6. IRRIGATION AUTOMATION MARKET: IRRIGATION TYPE ESTIMATES & TREND ANALYSIS

- 6.1. Irrigation Automation Market: Irrigation Type Analysis
 - 6.1.1. Sprinkler Irrigation
 - 6.1.2. Drip Irrigation
 - 6.1.3. Surface Irrigation
 - 6.1.4. Others

CHAPTER 7. IRRIGATION AUTOMATION MARKET: APPLICATION ESTIMATES & TREND ANALYSIS

7.1. Irrigation Automation Market: Application Analysis

7.1.1. Agricultural

7.1.1.1. Open Fields

7.1.1.2. Greenhouses

7.1.2. Non-Agricultural

7.1.2.1. Golf Courses

7.1.2.2. Residential

7.1.2.3. Sports Grounds

7.1.2.4. Others

CHAPTER 8. IRRIGATION AUTOMATION MARKET: REGIONAL ESTIMATES & TREND ANALYSIS

8.1. Irrigation Automation Market Share By Region, 2019 & 2027

8.2. North America

8.2.1. U.S.

8.2.2. Canada

8.2.3. Mexico

8.3. Europe

8.3.1. U.K.

8.3.2. Germany

8.3.3. France

8.3.4. Russia

8.4. Asia Pacific

8.4.1. China

8.4.2. India

8.4.3. Japan

8.4.4. Australia

8.5. South America

8.5.1. Brazil

8.5.2. Argentina

8.6. Middle East & Africa

8.6.1. South Africa

8.6.2. Saudi Arabia

CHAPTER 9. COMPETITIVE ANALYSIS

- 9.1. Recent Developments & Impact Analysis, by Key Market Participants
- 9.2. Company/ Competition Categorization (Key Innovators, Market Leaders, Emerging Players)
- 9.3. Vendor Landscape
 - 9.3.1. Key Company Analysis, 2019
- 9.4. Company Analysis
 - 9.4.1. Company Market Position Analysis
 - 9.4.2. Competitive Dashboard Analysis

CHAPTER 10. COMPETITIVE LANDSCAPE

- 10.1. Galcon
 - 10.1.1. Company Overview
 - 10.1.2. Financial Performance
 - 10.1.3. Product Benchmarking
 - 10.1.4. Recent Developments
- 10.2. HUNTER INDUSTRIES
 - 10.2.1. Company Overview
 - 10.2.2. Financial Performance
 - 10.2.3. Product Benchmarking
 - 10.2.4. Recent Developments
- 10.3. Jain Irrigation Systems Ltd
 - 10.3.1. Company Overview
 - 10.3.2. Financial Performance
 - 10.3.3. Product Benchmarking
 - 10.3.4. Recent Developments
- 10.4. Lindsay Corporation
 - 10.4.1. Company Overview
 - 10.4.2. Financial Performance
 - 10.4.3. Product Benchmarking
 - 10.4.4. Recent Developments
- 10.5. NELSON IRRIGATION
 - 10.5.1. Company Overview
 - 10.5.2. Financial Performance
 - 10.5.3. Product Benchmarking
 - 10.5.4. Recent Developments
- 10.6. NETAFIM

- 10.6.1. Company Overview
- 10.6.2. Financial Performance
- 10.6.3. Product Benchmarking
- 10.6.4. Recent Developments
- 10.7. Rain Bird Corporation
 - 10.7.1. Company Overview
 - 10.7.2. Financial Performance
 - 10.7.3. Product Benchmarking
 - 10.7.4. Recent Developments
- 10.8. Rubicon Water
 - 10.8.1. Company Overview
 - 10.8.2. Financial Performance
 - 10.8.3. Product Benchmarking
 - 10.8.4. Recent Developments
- 10.9. The Toro Company
 - 10.9.1. Company Overview
 - 10.9.2. Financial Performance
 - 10.9.3. Product Benchmarking
 - 10.9.4. Recent Developments
- 10.10. Valmont Industries Inc.
 - 10.10.1. Company Overview
 - 10.10.2. Financial Performance
 - 10.10.3. Product Benchmarking
 - 10.10.4. Recent Developments

List Of Tables

LIST OF TABLES

- Table 1 Irrigation automation market, 2016 - 2027 (USD Million)
- Table 2 Irrigation automation market, by automation type, 2016 - 2027 (USD Million)
- Table 3 Irrigation automation market, by component, 2016 - 2027 (USD Million)
- Table 4 Irrigation automation market, by irrigation type, 2016 - 2027 (USD Million)
- Table 5 Irrigation automation market, by application, 2016 - 2027 (USD Million)
- Table 6 Irrigation automation market, by region, 2016 - 2027 (USD Million)
- Table 7 Irrigation automation market - Key market driver impact
- Table 8 Irrigation automation market - Key market opportunity impact
- Table 9 Irrigation automation market - Key market challenge impact
- Table 10 Time-based automation market, by region, 2016 - 2027 (USD Million)
- Table 11 Volume-based automation market, by region, 2016 - 2027 (USD Million)
- Table 12 Real-time automation market, by region, 2016 - 2027 (USD Million)
- Table 13 Gaming application market, by region, 2016 - 2027 (USD Million)
- Table 14 Computer-based automation market, by region, 2016 - 2027 (USD Million)
- Table 15 Controllers market, by region, 2016 - 2027 (USD Million)
- Table 16 Sensors market, by region, 2016 - 2027 (USD Million)
- Table 17 Valves market, by region, 2016 - 2027 (USD Million)
- Table 18 Sprinklers market, by region, 2016 - 2027 (USD Million)
- Table 19 Others market, by region, 2016 - 2027 (USD Million)
- Table 20 Sprinkler irrigation automation market, by region, 2016 - 2027 (USD Million)
- Table 21 Drip irrigation automation market, by region, 2016 - 2027 (USD Million)
- Table 22 Surface irrigation automation market, by region, 2016 - 2027 (USD Million)
- Table 23 Other irrigation automation market, by region, 2016 - 2027 (USD Million)
- Table 24 Agricultural irrigation automation market, by region, 2016 - 2027 (USD Million)
- Table 25 Non-agricultural irrigation automation market, by region, 2016 - 2027 (USD Million)
- Table 26 Open fields irrigation automation market, by region, 2016 - 2027 (USD Million)
- Table 27 Greenhouses irrigation automation market, by region, 2016 - 2027 (USD Million)
- Table 28 Golf courses irrigation automation market, by region, 2016 - 2027 (USD Million)
- Table 29 Residential irrigation automation market, by region, 2016 - 2027 (USD Million)
- Table 30 Sports ground irrigation automation market, by region, 2016 - 2027 (USD Million)
- Table 31 Others non-agricultural irrigation automation market, by region, 2016 - 2027

(USD Million)

Table 32 North America irrigation automation market, by automation type, 2016 - 2027

(USD Million)

Table 33 North America irrigation automation market, by component, 2016 - 2027 (USD Million)

Table 34 North America irrigation automation market, by irrigation type, 2016 - 2027

(USD Million)

Table 35 North America irrigation automation market, by application, 2016 - 2027 (USD Million)

Table 36 U.S. irrigation automation market, by automation type, 2016 - 2027 (USD Million)

Table 37 U.S. irrigation automation market, by component, 2016 - 2027 (USD Million)

Table 38 U.S. irrigation automation market, by irrigation type, 2016 - 2027 (USD Million)

Table 39 U.S. irrigation automation market, by application, 2016 - 2027 (USD Million)

Table 40 Canada irrigation automation market, by automation type, 2016 - 2027 (USD Million)

Table 41 Canada irrigation automation market, by component, 2016 - 2027 (USD Million)

Table 42 Canada irrigation automation market, by irrigation type, 2016 - 2027 (USD Million)

Table 43 Canada irrigation automation market, by application, 2016 - 2027 (USD Million)

Table 44 Mexico irrigation automation market, by automation type, 2016 - 2027 (USD Million)

Table 45 Mexico irrigation automation market, by component, 2016 - 2027 (USD Million)

Table 46 Mexico irrigation automation market, by irrigation type, 2016 - 2027 (USD Million)

Table 47 Mexico irrigation automation market, by application, 2016 - 2027 (USD Million)

Table 48 Europe irrigation automation market, by automation type, 2016 - 2027 (USD Million)

Table 49 Europe irrigation automation market, by component, 2016 - 2027 (USD Million)

Table 50 Europe irrigation automation market, by irrigation type, 2016 - 2027 (USD Million)

Table 51 Europe irrigation automation market, by application, 2016 - 2027 (USD Million)

Table 52 U.K. irrigation automation market, by automation type, 2016 - 2027 (USD Million)

Table 53 U.K. irrigation automation market, by component, 2016 - 2027 (USD Million)

Table 54 U.K. irrigation automation market, by irrigation type, 2016 - 2027 (USD Million)

Table 55 U.K. irrigation automation market, by application, 2016 - 2027 (USD Million)

Table 56 Germany irrigation automation market, by automation type, 2016 - 2027 (USD Million)

Table 57 Germany irrigation automation market, by component, 2016 - 2027 (USD Million)

Table 58 Germany irrigation automation market, by irrigation type, 2016 - 2027 (USD Million)

Table 59 Germany irrigation automation market, by application, 2016 - 2027 (USD Million)

Table 60 France irrigation automation market, by automation type, 2016 - 2027 (USD Million)

Table 61 France irrigation automation market, by component, 2016 - 2027 (USD Million)

Table 62 France irrigation automation market, by irrigation type, 2016 - 2027 (USD Million)

Table 63 France irrigation automation market, by application, 2016 - 2027 (USD Million)

Table 64 Russia irrigation automation market, by automation type, 2016 - 2027 (USD Million)

Table 65 Russia irrigation automation market, by component, 2016 - 2027 (USD Million)

Table 66 Russia irrigation automation market, by irrigation type, 2016 - 2027 (USD Million)

Table 67 Russia irrigation automation market, by application, 2016 - 2027 (USD Million)

Table 68 Asia Pacific irrigation automation market, by automation type, 2016 - 2027 (USD Million)

Table 69 Asia Pacific irrigation automation market, by component, 2016 - 2027 (USD Million)

Table 70 Asia Pacific irrigation automation market, by irrigation type, 2016 - 2027 (USD Million)

Table 71 Asia Pacific irrigation automation market, by application, 2016 - 2027 (USD Million)

Table 72 China irrigation automation market, by automation type, 2016 - 2027 (USD Million)

Table 73 China irrigation automation market, by component, 2016 - 2027 (USD Million)

Table 74 China irrigation automation market, by irrigation type, 2016 - 2027 (USD Million)

Table 75 China irrigation automation market, by application, 2016 - 2027 (USD Million)

Table 76 India irrigation automation market, by automation type, 2016 - 2027 (USD Million)

Table 77 India irrigation automation market, by component, 2016 - 2027 (USD Million)

Table 78 India irrigation automation market, by irrigation type, 2016 - 2027 (USD Million)

Table 79 India irrigation automation market, by application, 2016 - 2027 (USD Million)

Table 80 Japan irrigation automation market, by automation type, 2016 - 2027 (USD Million)

Table 81 Japan irrigation automation market, by component, 2016 - 2027 (USD Million)

Table 82 Japan irrigation automation market, by irrigation type, 2016 - 2027 (USD Million)

Table 83 Japan irrigation automation market, by application, 2016 - 2027 (USD Million)

Table 84 Australia irrigation automation market, by automation type, 2016 - 2027 (USD Million)

Table 85 Australia irrigation automation market, by component, 2016 - 2027 (USD Million)

Table 86 Australia irrigation automation market, by irrigation type, 2016 - 2027 (USD Million)

Table 87 Australia irrigation automation market, by application, 2016 - 2027 (USD Million)

Table 88 South America irrigation automation market, by automation type, 2016 - 2027 (USD Million)

Table 89 South America irrigation automation market, by component, 2016 - 2027 (USD Million)

Table 90 South America irrigation automation market, by irrigation type, 2016 - 2027 (USD Million)

Table 91 South America irrigation automation market, by application, 2016 - 2027 (USD Million)

Table 92 Brazil irrigation automation market, by automation type, 2016 - 2027 (USD Million)

Table 93 Brazil irrigation automation market, by component, 2016 - 2027 (USD Million)

Table 94 Brazil irrigation automation market, by irrigation type, 2016 - 2027 (USD Million)

Table 95 Brazil irrigation automation market, by application, 2016 - 2027 (USD Million)

Table 96 Argentina irrigation automation market, by automation type, 2016 - 2027 (USD Million)

Table 97 Argentina irrigation automation market, by component, 2016 - 2027 (USD Million)

Table 98 Argentina irrigation automation market, by irrigation type, 2016 - 2027 (USD Million)

Table 99 Argentina irrigation automation market, by application, 2016 - 2027 (USD Million)

Table 100 MEA irrigation automation market, by automation type, 2016 - 2027 (USD Million)

Table 101 MEA irrigation automation market, by component, 2016 - 2027 (USD Million)

Table 102 MEA irrigation automation market, by irrigation type, 2016 - 2027 (USD Million)

Table 103 MEA irrigation automation market, by application, 2016 - 2027 (USD Million)

Table 104 South Africa irrigation automation market, by automation type, 2016 - 2027 (USD Million)

Table 105 South Africa irrigation automation market, by component, 2016 - 2027 (USD Million)

Table 106 South Africa irrigation automation market, by irrigation type, 2016 - 2027 (USD Million)

Table 107 South Africa irrigation automation market, by application, 2016 - 2027 (USD Million)

Table 108 Saudi Arabia irrigation automation market, by automation type, 2016 - 2027 (USD Million)

Table 109 Saudi Arabia irrigation automation market, by component, 2016 - 2027 (USD Million)

Table 110 Saudi Arabia irrigation automation market, by irrigation type, 2016 - 2027 (USD Million)

Table 111 Saudi Arabia irrigation automation market, by application, 2016 - 2027 (USD Million)

List Of Figures

LIST OF FIGURES

- Fig. 1 Irrigation automation market segmentation
- Fig. 2 Irrigation automation market report scope
- Fig. 3 Irrigation automation market size (revenue in USD million), 2016 - 2027
- Fig. 4 Irrigation automation market analysis - Market dynamics
- Fig. 5 Irrigation automation market - Penetration & growth prospects
- Fig. 6 Irrigation automation market analysis - Porter's
- Fig. 7 Irrigation automation market analysis - PEST
- Fig. 8 Irrigation automation market - Value chain analysis
- Fig. 9 Irrigation automation market - Automation type movement analysis
- Fig. 10 Irrigation automation market - Component movement analysis
- Fig. 11 Irrigation automation market - Irrigation type movement analysis
- Fig. 12 Irrigation automation market - Application movement analysis
- Fig. 13 Regional marketplace: Key takeaways
- Fig. 14 Irrigation automation market - Regional movement analysis
- Fig. 15 Irrigation automation market - Company market position analysis
- Fig. 16 Irrigation automation market - Competitive dashboard

I would like to order

Product name: Irrigation Automation Market Size, Share & Trends Analysis Report By Automation Type, By Component (Controllers, Sensors, Valves, Sprinklers), By Irrigation Type, By Application, And Segment Forecasts, 2020 - 2027

Product link: <https://marketpublishers.com/r/l8FC67BF94B2EN.html>

Price: US\$ 5,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/l8FC67BF94B2EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970