

US IoT in Agriculture Market Size study, by System (Automation and control systems, Sensing and Monitoring Devices, Livestock Monitoring Hardware, Fish Farming Hardware, Smart Greenhouse Hardware, Software) by Farm Type (Large, Mid Size, Small Farms), by Application (Precision Farming, Livestock Monitoring, Smart Greenhouse, Fish Farm Monitoring) Forecasts 2022-2032

<https://marketpublishers.com/r/UCB01A617809EN.html>

Date: July 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: UCB01A617809EN

Abstracts

US IoT in Agriculture Market is valued approximately USD 6.54 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 12.31% over the forecast period 2024-2032. IoT in Agriculture involves the integration of sensors, devices, and software to collect, monitor, and manage various aspects of farming operations. This includes monitoring soil moisture levels, temperature, humidity, crop health, livestock tracking, equipment utilization, and more. The goal of IoT in Agriculture is to improve efficiency, productivity, and sustainability in farming practices. By utilizing real-time data and analytics, farmers can make informed decisions to optimize resource usage, reduce waste, and enhance crop yields. The U.S. IoT In Agriculture Market encompasses a wide range of players, including technology providers, agricultural equipment manufacturers, software developers, and agricultural service providers. Trends such as Precision agriculture techniques, enabled by IoT technologies, are becoming more prevalent. Farmers are using IoT sensors and data analytics to precisely manage inputs such as water, fertilizer, and pesticides, optimizing resource usage and maximizing yields while minimizing environmental impact. Thus, this trend can further provide opportunity for the US IoT in Agriculture Market.

Advancements in IoT (Internet of Things) technologies is one of the significant factors that drive demand for US IoT in Agriculture Market. With ongoing innovation, IoT devices have become smaller, more affordable, and more precise, revolutionizing farming practices. Enhanced sensor technology allows for real-time monitoring of critical parameters like soil moisture, temperature, and crop health, empowering farmers to make timely, data-driven decisions. For instance, in May 2023, Soracom launched its new multi-carrier IoT service in US. According to the company, it provides crop growers to optimize crop yield and health by connecting the crop-growing environment and its sensors remain seamlessly connected even in rural areas Moreover, the expansion of connectivity options, including wireless technologies such as Wi-Fi has enabled seamless data transmission from remote fields to centralized platforms. This connectivity revolutionizes farm management by providing instant access to vital information, even in rural areas. However, high adoption costs, and security concerns can stifle market growth between 2022 and 2032.

Major market player included in this report are:

Climate LLC

International Business Machines Corporation

Cisco Systems, Inc.

Trimble Inc.

Telit Corporate Group

SWIIM System, Ltd.

SlantRange, Inc.

Company 8

Company 9

Company 10

The detailed segments and sub-segment of the market are explained below:

By System

Automation and control systems

Sensing and monitoring devices

Livestock monitoring Hardware

Fish farming hardware

Smart greenhouse hardware

Software

By Farm Type

Large
Mid Size
Small Farms

By Application
Precision farming
Livestock monitoring
Smart greenhouse
Fish farm monitoring

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and Country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

Contents

CHAPTER 1. US IOT IN AGRICULTURE MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 1.1. Research Objective
- 1.2. Market Definition
- 1.3. Research Assumptions
 - 1.3.1. Inclusion & Exclusion
 - 1.3.2. Limitations
 - 1.3.3. Supply Side Analysis
 - 1.3.3.1. Availability
 - 1.3.3.2. Infrastructure
 - 1.3.3.3. Regulatory Environment
 - 1.3.3.4. Market Competition
 - 1.3.3.5. Economic Viability (Consumer's Perspective)
 - 1.3.4. Demand Side Analysis
 - 1.3.4.1. Regulatory frameworks
 - 1.3.4.2. Technological Advancements
 - 1.3.4.3. Environmental Considerations
 - 1.3.4.4. Consumer Awareness & Acceptance
- 1.4. Estimation Methodology
- 1.5. Years Considered for the Study
- 1.6. Currency Conversion Rates

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. US IoT in Agriculture Market Size & Forecast (2022- 2032)
- 2.2. Segmental Summary
 - 2.2.1. By System
 - 2.2.2. By Farm Type
 - 2.2.3. By Application
- 2.3. Key Trends
- 2.4. Recession Impact
- 2.5. Analyst Recommendation & Conclusion

CHAPTER 3. US IOT IN AGRICULTURE MARKET DYNAMICS

- 3.1. Market Drivers

- 3.2. Market Challenges
- 3.3. Market Opportunities

CHAPTER 4. US IOT IN AGRICULTURE MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
 - 4.1.6. Futuristic Approach to Porter's 5 Force Model
 - 4.1.7. Porter's 5 Force Impact Analysis
- 4.2. PESTEL Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
 - 4.2.5. Environmental
 - 4.2.6. Legal
- 4.3. Top investment opportunity
- 4.4. Top winning strategies
- 4.5. Disruptive Trends
- 4.6. Industry Expert Perspective
- 4.7. Analyst Recommendation & Conclusion

CHAPTER 5. US IOT IN AGRICULTURE MARKET SIZE & FORECASTS BY SYSTEM 2022-2032

- 5.1. Automation and control systems
- 5.2. Sensing and monitoring devices
- 5.3. Livestock monitoring Hardware
- 5.4. Fish farming hardware
- 5.5. Smart greenhouse hardware
- 5.6. Software

CHAPTER 6. US IOT IN AGRICULTURE MARKET SIZE & FORECASTS BY FARM TYPE 2022-2032

- 6.1. Large
- 6.2. Mid Size
- 6.3. Small Farms

CHAPTER 7. US IOT IN AGRICULTURE MARKET SIZE & FORECASTS BY APPLICATION 2022-2032

- 7.1. Precision farming
- 7.2. Livestock monitoring
- 7.3. Smart greenhouse
- 7.4. Fish farm monitoring

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Key Company SWOT Analysis
 - 8.1.1. Company
 - 8.1.2. Company
 - 8.1.3. Company
- 8.2. Top Market Strategies
- 8.3. Company Profiles
 - 8.3.1. Climate LLC
 - 8.3.1.1. Key Information
 - 8.3.1.2. Overview
 - 8.3.1.3. Financial (Subject to Data Availability)
 - 8.3.1.4. Product Summary
 - 8.3.1.5. Market Strategies
 - 8.3.2. International Business Machines Corporation
 - 8.3.3. Cisco Systems, Inc.
 - 8.3.4. Trimble Inc.
 - 8.3.5. Telit Corporate Group
 - 8.3.6. SWIIM System, Ltd.
 - 8.3.7. SlantRange, Inc.
 - 8.3.8. Company
 - 8.3.9. Company
 - 8.3.10. Company

CHAPTER 9. RESEARCH PROCESS

- 9.1. Research Process

- 9.1.1. Data Mining
- 9.1.2. Analysis
- 9.1.3. Market Estimation
- 9.1.4. Validation
- 9.1.5. Publishing
- 9.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. US IoT in Agriculture market, report scope

TABLE 2. US IoT in Agriculture market estimates & forecasts by System 2022-2032
(USD Billion)

TABLE 3. US IoT in Agriculture market estimates & forecasts by Farm Type 2022-2032
(USD Billion)

TABLE 4. US IoT in Agriculture market estimates & forecasts by Application 2022-2032
(USD Billion)

TABLE 5. US IoT in Agriculture market by segment, estimates & forecasts, 2022-2032
(USD Billion)

TABLE 6. US IoT in Agriculture market by segment, estimates & forecasts, 2022-2032
(USD Billion)

TABLE 7. US IoT in Agriculture market by segment, estimates & forecasts, 2022-2032
(USD Billion)

TABLE 8. US IoT in Agriculture market by segment, estimates & forecasts, 2022-2032
(USD Billion)

TABLE 9. US IoT in Agriculture market by segment, estimates & forecasts, 2022-2032
(USD Billion)

TABLE 10. U.S. IoT in Agriculture market estimates & forecasts, 2022-2032 (USD
Billion)

TABLE 11. U.S. IoT in Agriculture market estimates & forecasts by segment 2022-2032
(USD Billion)

TABLE 12. U.S. IoT in Agriculture market estimates & forecasts by segment 2022-2032
(USD Billion)

TABLE 13. List of secondary sources, used in the study of US IoT in Agriculture Market.

TABLE 14. List of primary sources, used in the study of US IoT in Agriculture Market.

TABLE 15. Years considered for the study.

TABLE 16. Exchange rates considered.

List Of Figures

LIST OF FIGURES

- FIG 1. US IoT in Agriculture market, research methodology
- FIG 2. US IoT in Agriculture market, market estimation techniques
- FIG 3. US market size estimates & forecast methods.
- FIG 4. US IoT in Agriculture market, key trends 2023
- FIG 5. US IoT in Agriculture market, growth prospects 2022-2032
- FIG 6. US IoT in Agriculture market, porters 5 force model
- FIG 7. US IoT in Agriculture market, pestel analysis
- FIG 8. US IoT in Agriculture market, value chain analysis
- FIG 9. US IoT in Agriculture market by segment, 2022 & 2032 (USD Billion)
- FIG 10. US IoT in Agriculture market by segment, 2022 & 2032 (USD Billion)
- FIG 11. US IoT in Agriculture market by segment, 2022 & 2032 (USD Billion)
- FIG 12. US IoT in Agriculture market by segment, 2022 & 2032 (USD Billion)
- FIG 13. US IoT in Agriculture market by segment, 2022 & 2032 (USD Billion)
- FIG 14. US IoT in Agriculture market, company market share analysis (2023)

I would like to order

Product name: US IoT in Agriculture Market Size study, by System (Automation and control systems, Sensing and Monitoring Devices, Livestock Monitoring Hardware, Fish Farming Hardware, Smart Greenhouse Hardware, Software) by Farm Type (Large, Mid Size, Small Farms), by Application (Precision Farming, Livestock Monitoring, Smart Greenhouse, Fish Farm Monitoring) Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/UCB01A617809EN.html>

Price: US\$ 4,950.00 (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/UCB01A617809EN.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