

North America Internet of Things(IoT) in agriculture Market

Market Report | 2024-07-01 | 208 pages | Data Bridge Market Research

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Report description:

North America Internet of Things (IoT) in agriculture market is expected to reach USD 8,269,207.85 thousand by 2031 from USD 2,518,977.03 thousand in 2023, growing with a CAGR of 16.4% in the forecast period of 2023 to 2031.

Market Segmentation

North America Internet of Things (IoT) in Agriculture Market, By Offering (Hardware and Services), Agriculture Type (Precision Farming, Precision Forestry, Dairy & Livestock Monitoring, Smart Greenhouse, Fish Farm Monitoring, and Others), Connectivity (Wi-Fi, Bluetooth, RF Technology, Zigbee, and Others), Farm Size (Large Farms, Small Farms, and Medium-Sized Farms), Distribution (Dealers and D2C), Countries (U.S., Canada, and Mexico) - Industry Trends and Forecast to 2031

Overview of North America Internet of Things (IoT) in Agriculture Market Dynamics

Drivers

- IoT facilitates precise monitoring and management of crops, maximizing resource efficiency and boosting yields
- Government subsidies and initiatives encourage farmers to adopt IoT and digital farming technologies
- Supports sustainable practices by minimizing environmental impact
- Automates irrigation, fertilization and pest control effectively cutting down on labor cost

Restraints

- Limited internet access in rural areas affects implementation
- Compliance with varying regulations and standards across regions

Opportunities

- Rapid technological advancement in IoT devices
- Increasing adoption of drone and satellite technologies in agriculture farm
- Rising demand for livestock monitoring solution

Challenges

- High initial expenditure
- Data privacy and security

Market Players

The key market players operating in the North America Internet of Things (IoT) in agriculture market are listed below:

- Sencrop

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- Ag Leader Technology
- TeeJet Technologies
- DICKEY-john
- Delair
- AKVA group
- Topcon
- ScaleAQ
- Innovasea Systems Inc.
- Afimilk Ltd.
- AgEagle Aerial Systems Inc
- Hexagon AB
- Eruvaka Technologies Pvt. Ltd
- Hyllo
- TEKTELIC Communications Inc.
- CropX inc.
- Digital Matter

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