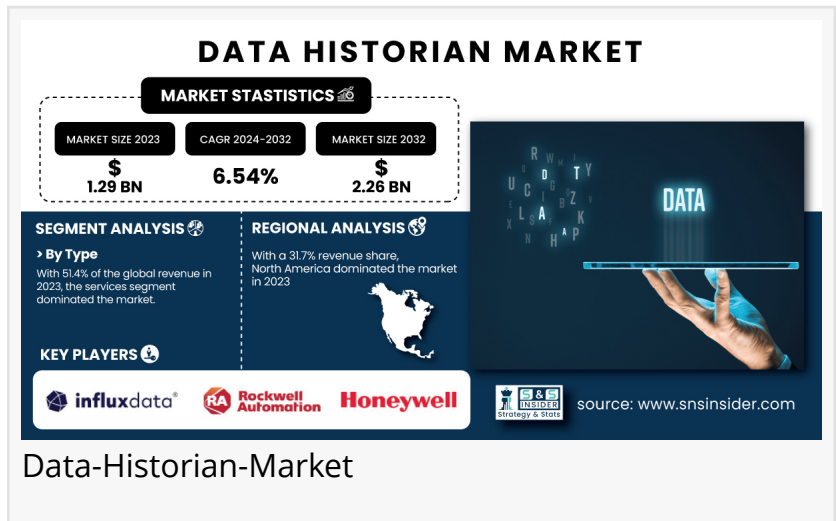


# Data Historian Market to Surpass USD 2.26 Billion by 2032 Driven by the Rising Demand for Real-Time Analytics.

*The Data Historian Market is growing rapidly due to the rising demand for real-time analytics and optimization of industrial processes across sectors.*

AUSTIN, TX, UNITED STATES, January 20, 2025 /EINPresswire.com/ -- The [Data Historian Market](#) size was USD 1.29 Billion in 2023 and is expected to reach USD 2.26 Billion by 2032, growing at a CAGR of 6.54% over the forecast period of 2024-2032.



Data-Historian-Market

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Keyplayers:

Inductive Automation, Inductive Automation, LLC, ABB, InfluxData Inc., SORBA.ai,, AVEVA, Rockwell Automation, PTC, Honeywell, Siemens, IBM, Emerson, Open Automation Software

## Rising Demand for Data Historians Driven by IoT, Real-Time Analytics, and Regulatory Compliance

The demand for data historians is on the rise as data is being generated from IoT devices, cloud applications, and social media. Industries are being pushed to meet regulatory standards that require accurate historical data storage and analysis. Data historians help businesses manage large volumes of time-series data efficiently, improving operational efficiency and decision-making. Technological advances such as machine learning and cloud storage enhance the functionality of the system, allowing for predictive analytics and anomaly detection. The necessity of compliance in the oil, gas, and pharmaceutical sectors is the main driver behind the rapid growth of the data historian market.

Market Analysis

Segment Analysis

By Type

In 2023, the Services segment dominated the data historian market, accounting for 51.4% of the global revenue. The primary reason behind this dominance is the critical role of services in ensuring high-speed data collection and real-time data management in industrial environments. Data historians allow industries such as utilities, manufacturing, and energy to efficiently capture and manage time-series data.

The Software segment of the data historian market is expected to experience substantial growth in the forecasted period due to the rising demand for systems handling complex time-series data processing and integration. In a world increasingly dependent on advanced technology, automation, and computerization, the software solutions handling this mountain of large datasets from industrial applications become in high demand.

### By Enterprise Size

In 2023, large enterprises dominated the data historian market due to their need for centralized data management systems capable of handling massive amounts of historical and real-time data. Cloud-based data historians provide large-scale organizations with scalable, secure solutions to aggregate data from diverse industrial sources, enabling trend analysis, pattern detection, and better decision-making.

Small and medium-sized enterprises (SMEs) are expected to see considerable growth in the years to come since data historian systems are now affordable and accessible, and the developments of open automation to these kinds of businesses. Indeed, small businesses can profit substantially as data-driven insight formerly only enjoyed by larger enterprise systems is accessed.

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### Regional Analysis

#### North America

In 2023, North America held the largest revenue share of 31.7% in the data historian market. This is because the market has been highly invested in research and development, thus making it an innovative place. The region is dominated by major industry players, which make investments in advanced data historian solutions. In addition, the growing demand for industrial automation, as well as Big Data analytics, further boosts the market. The rapid expansion of the IoT infrastructure in North America also increases the need for data historians who can manage large volumes of data.

The Asia-Pacific region is experiencing rapid digitalization in the forecasted period, especially in countries like China, Japan, Australia, New Zealand, and Singapore. The change is producing huge volumes of unstructured data, in turn creating a need for such enterprise data management solutions as data historians. Increasing digitalization is likely to fuel further growth within the region.

In Europe, the adoption of data historian solutions is notably high in industries like manufacturing, energy, and utilities. The region primarily focuses on the optimization of processes and regulatory compliance within operations. So, data historian solutions have seen

strong adoption in the area. These applications are increasingly serving European companies to enable streamlined operations and minimize downtime besides making data-driven productivity-enhancing decisions.

#### Recent Developments

□ In June 2024, Honeywell launched the Honeywell Batch Historian, a digital software solution designed to offer manufacturers contextualized data history for better reporting and analytics, improving operational efficiency and cost-effectiveness.

□ In October 2023, IBM unveiled the IBM Storage Scale System, a cutting-edge global data platform engineered to handle data-intensive tasks and AI workloads, further advancing the capabilities of data management systems.

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