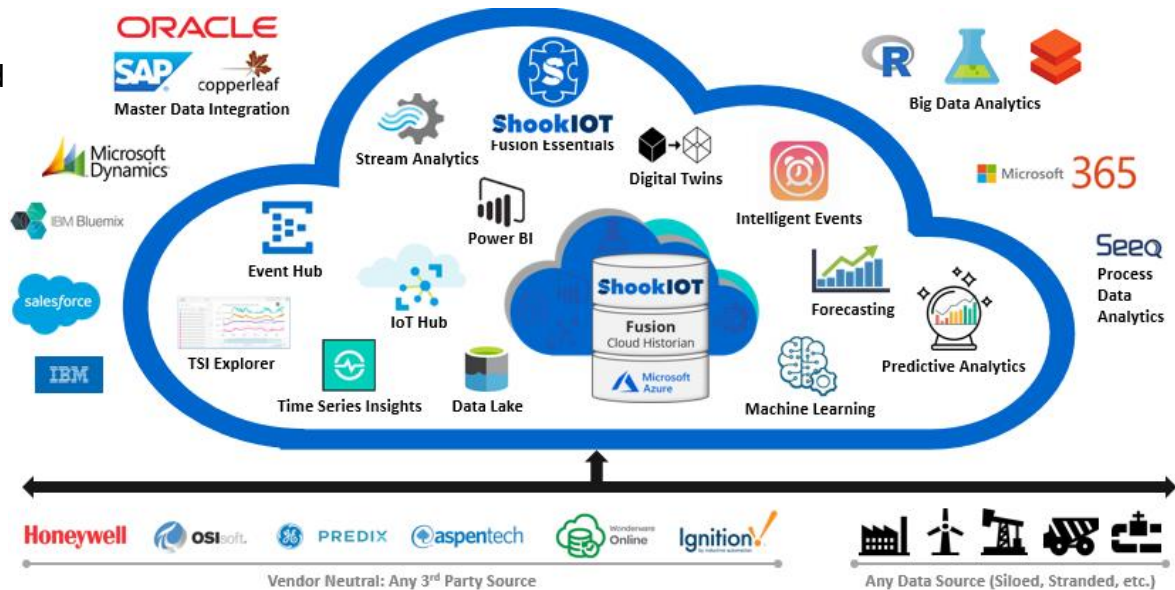# ShookIOT

ShookIOT Fusion™ Industrial Enterprise Cloud Historian for Analytics

Game Changing Technology for Asset Optimization

First ever native Microsoft Azure® Cloud Historian for Analytics

Supplement your traditional historian and experience the insight and agility of Fusion Cloud Historian

Vendor Neutral: Any 3rd Party Source   Any Data Source (Siloed, Stranded, etc.)

The Challenges

- Traditional historians are extremely expensive to: procure, install, configure, maintain, update, protect

- Total cost of ownership of traditional historians continues to increase

- Need to supplement traditional historian and infrastructure and get access to data that has not been available or locked down

- Need secure offline data store for disaster recovery purposes

- Disconnected sites - impossible to get full view of enterprise data

- Challenging to compare overall and specific asset performance between sites

- Incompatible systems, different data types at different sites in different formats

- Process and event data are stored differently

- Data difficult to obtain and lacks context to truly understand the big picture

- Problematic coordination of resource/expertise and their availability to site

The Solution: ShookIOT Fusion™ Azure® Cloud Historian — What Is It?

ShookIOT has designed and created a true cloud historian with robust data storage.

- Massively scalable historian using native cloud technology

- Powerful Data Lake to facilitate advanced viewing and analysis using Big Data technologies

- Provides a single version of the truth with your existing Azure infrastructure

Everything a traditional enterprise historian does and so much more.

- Real-time process data analysis including process, equipment monitoring and alarm & events

- Batch analysis capability from the data lake, ERP and production data

- Significant reduction in the cost of ownership all at the same time

Game-changing technology – Pay for what you use, not per tag!

- Now **a fraction of the cost** to procure, install, configure, maintain, update, use and protect
- Truly become **proactive** instead of reactive
- Collect data from a single site or across the enterprise seamlessly in the cloud
- Data can be analyzed instantly using tools, functions, and applications that are already in use at sites
- New insights and intelligence found at one site can be leveraged across all sites, allowing smarter, more strategic action to be taken

How Does It Work?

Fully Integrated Software Solution built upon Microsoft Azure® cloud platform.

- Best of breed environment to easily leverage existing infrastructure and the newest applications
- Built upon Microsoft Azure® cloud platform providing safe and secure connection
- Direct access to Azure Data Lake for Big Data/Hadoop® jobs for powerful viewing and analysis
- Enables 3rd party software: advanced analytics, advanced trending, graphics and dashboards allowing data scientists to use their tools of choice
  - This reduces engineering costs while increasing the speed of project development and deployment time

Improve collaboration and coordination – Empower your team.

- Use newfound intelligence from different types of data and analyze it against process data across the enterprise
- Integrate with ShookIOT Essentials, an asset-centric object model solution to provide the context your data needs to anyone, anywhere, on any device

What Problems Does It Solve?

High Costs

Significant reduction in the cost of ownership for hardware, software & resources: cost per tag, installation, configuration, updates, maintenance, migration strategies, disaster recovery, cybersecurity concerns, upgrades.

Maintenance

Focus efforts on turning plant data into action with lightning speed.

Slow Action

Create actionable KPI's with powerful visualizations and predictive analytics to drive business success and truly impact profitability.

Security Risks

Improved collaboration throughout your enterprise. Reduce problem solving time, eliminate manual integration and focus resources on high ROI activities.

Disorganization

Access and learn from critical data that resides in multiple incompatible systems across the enterprise and identify where to focus and prioritize.

Features

Massively Scalable

Easy to Use

Agility

Real-Time Decisions

Proactive

Leverage Existing Tools

About ShookIOT – Data should be Useful. IIoT should be Simple.

ShookIOT's team of consultants, developers and process control engineering experts in cloud technology, global connectivity and communication infrastructure are available to assist you through your journey of digital cloud transformation. We provide technology neutral Industrial Internet of Things (IIoT) solutions by leveraging over 100 years of combined industrial experience in automation and deriving value from the analysis of operational data. Our innovative IIoT leadership and technology bridges the gap between Operational Technology and Information Technology to elevate operational performance.

Contact Us

FOR MORE INFORMATION

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