



CONNECT

Securely connect and aggregate data from any industrial asset.

Hark Connect is software that provides connectivity to industrial devices, assets, and sensors on the edge, in the cloud and on-premises. Easily and securely connect to and collect data from these systems in real-time and streaming them to a system of your choice – **edge**, **cloud** or **on-premise**.

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Summary

Hark Connect allows businesses to surface information from their industrial assets in real-time. Facilitating secure connectivity and collection of data across industrial plants and buildings. Connect to Process Automation Controllers, Building Management Systems, Energy Meters and sensors and stream data to the cloud or on-premise data stores.

By utilising industry standard protocols and the latest innovation in machine-to-machine communication, businesses can connect, aggregate and store operational data on the edge, in the cloud and on-premises with streamlined flexibility and security.

Value

- Dramatically reduce the operational costs involved when accessing data from assets. Allowing for real time remote monitoring and data collection with **minimum setup requirements**.
- Easily facilitate streaming process data to other systems including, the cloud and on-premises analytics application.
- Scale from 1 – 10,000 devices using a single technology reducing operational deployment and IT costs.

Connect enables teams to deliver more value by giving access cost critical and operational information.

Deploy on industrial gateways or computers on-site using Intel or ARM based systems.

Our expert teams work with customers to identify cost-effective deployment options for any industry application.

Security, Scalability and Flexibility

Connect offers the ability to secure industry standard protocols that previously could not support encryption. Utilising the latest encryption standards coupled with protocols such as:

- Modbus/TCP and Modbus/RTU
- BACNet/IP
- OPC-UA
- Ethernet/IP
- MQTT
- More...

Scale from connecting a single asset, process or system to an entire facility, process line or building management system. Hark Connect is capable of collecting millions of data points per day, storing them for retrieval at a moments notice.

Data Backup and Integrity

Never lose your data. Remote connectivity to assets can sometimes be intermittent – Hark Connect stores data it has collected until network connectivity is available again.

Large influxes of data are seamlessly handled, ensuring real-time data and historic late data does not affect performance.

Data is logged and traced with timestamps provided by the edge gateways to ensure accurate and timestamps for data integrity.



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Cloud Data

Digital transformation is driving more data to the cloud to enhance insight and analytics.

Hark Connect can be deployed on-premise and in the cloud for hybrid deployment strategies, whether as a disaster recovery solution through redundant cloud storage or enabling Software-as-a-Service solutions

Simplifying cloud deployments with speed and security means Hark Connect is a cost-effective solution.

Hark Connect supports deployments in different global regions including private cloud solutions on:

- Microsoft Azure
- Amazon Web Services
- Google Compute Engine
- Kubernetes (Cloud or Private)

Integration

Whether its complex integrations with software engineering teams or business intelligence integrations for KPI tracking within ERP systems – our technology is capable of deep integration through API's such as MQTT, REST, GraphQL and Event Streams.

Cloud Connectors are available for Microsoft Azure managed services such as Event Hubs, Storage Queues and Blob Storage.

Enterprise Level Support

Hark offers extensive service level agreement options meaning our customers have peace of mind that technical support and world-class expertise are available at the end of the phone.

We offer 24/7 support desk, telephone and email support with guaranteed response times and expert consultancy options for large-scale deployments.

Use Cases

Remote Condition Monitoring
Energy Monitoring
SCADA Data Collection
Data Backup and Storage
Remote Equipment Management
Data Aggregation



Vendor Agnostic



Edge, Cloud or On-Premise



Cost-Effective Deployments

Get in touch to speak to an expert