

Asset Condition Monitoring in Industrial Operations with AWS

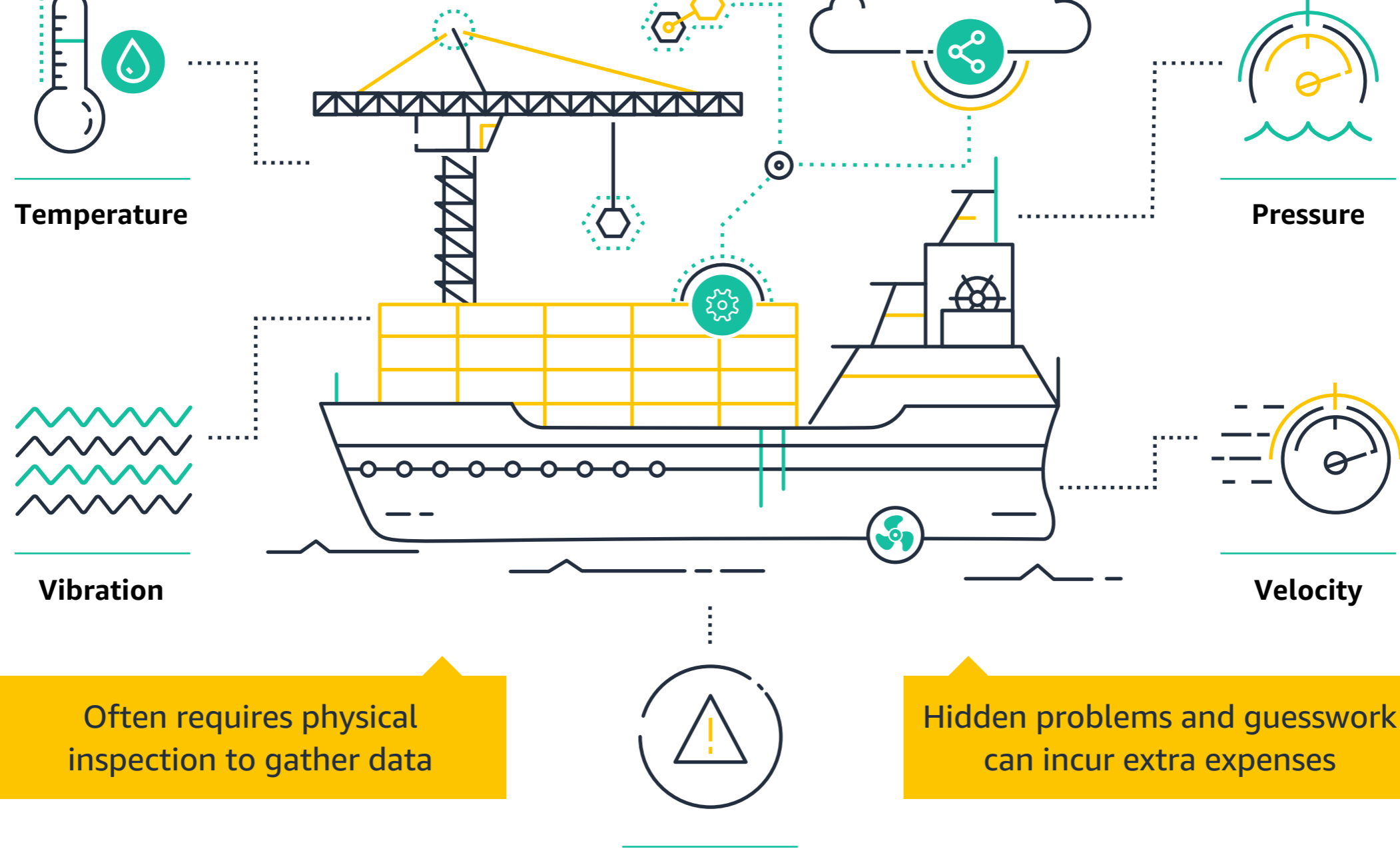


Asset condition monitoring captures the state of your machines and equipment so you can understand how the asset is performing in the field.

Less-than-optimal equipment can lower useful lifespan and asset utilization

Limited visibility of equipment degradation can lead to costly replacement...

Difficult-to-capture machine health data includes

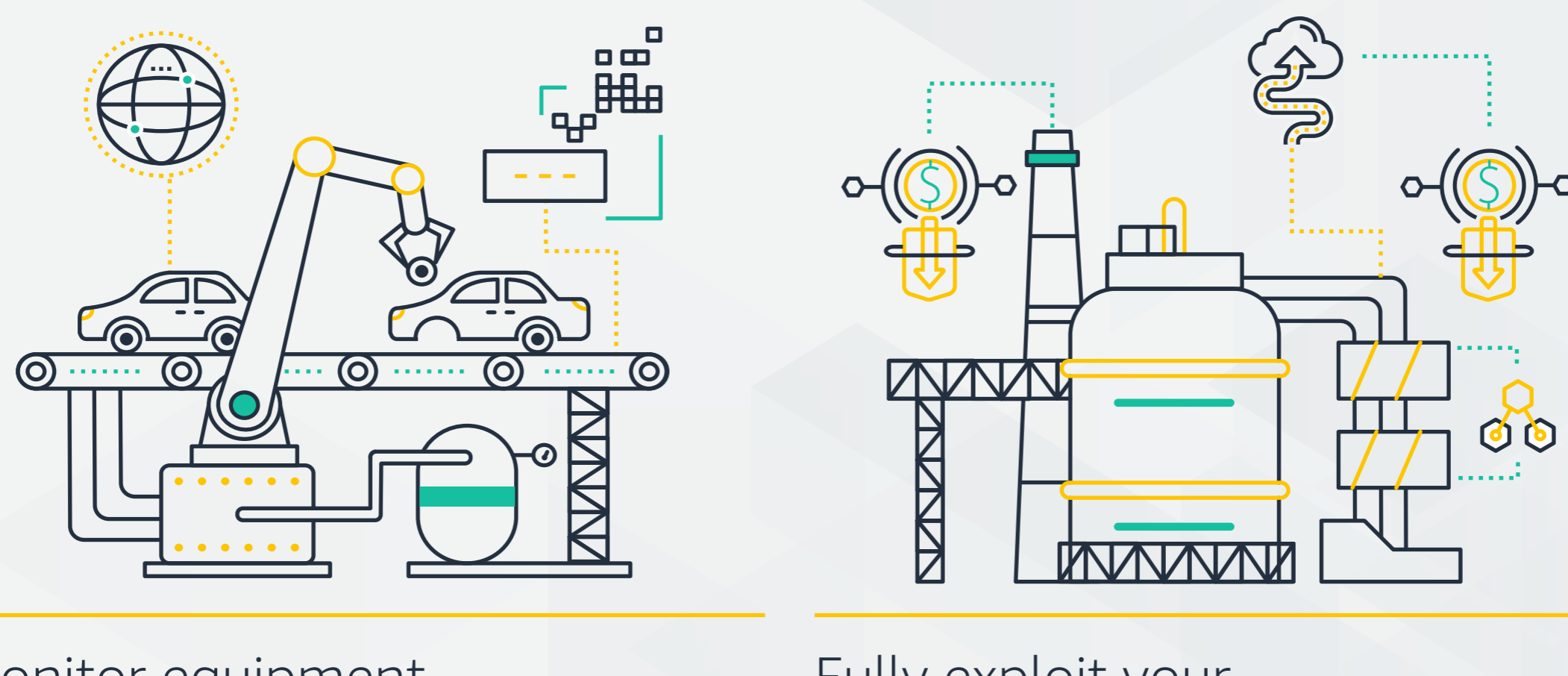


Without early warnings of potential degradation, organizations have no way to



Asset condition monitoring can increase visibility into your device fleet to maximize and extend the life of your assets

With asset condition monitoring, you can



Monitor equipment, machines, and vehicles

- Understand performance and health
- Identify degradation and remaining useful life

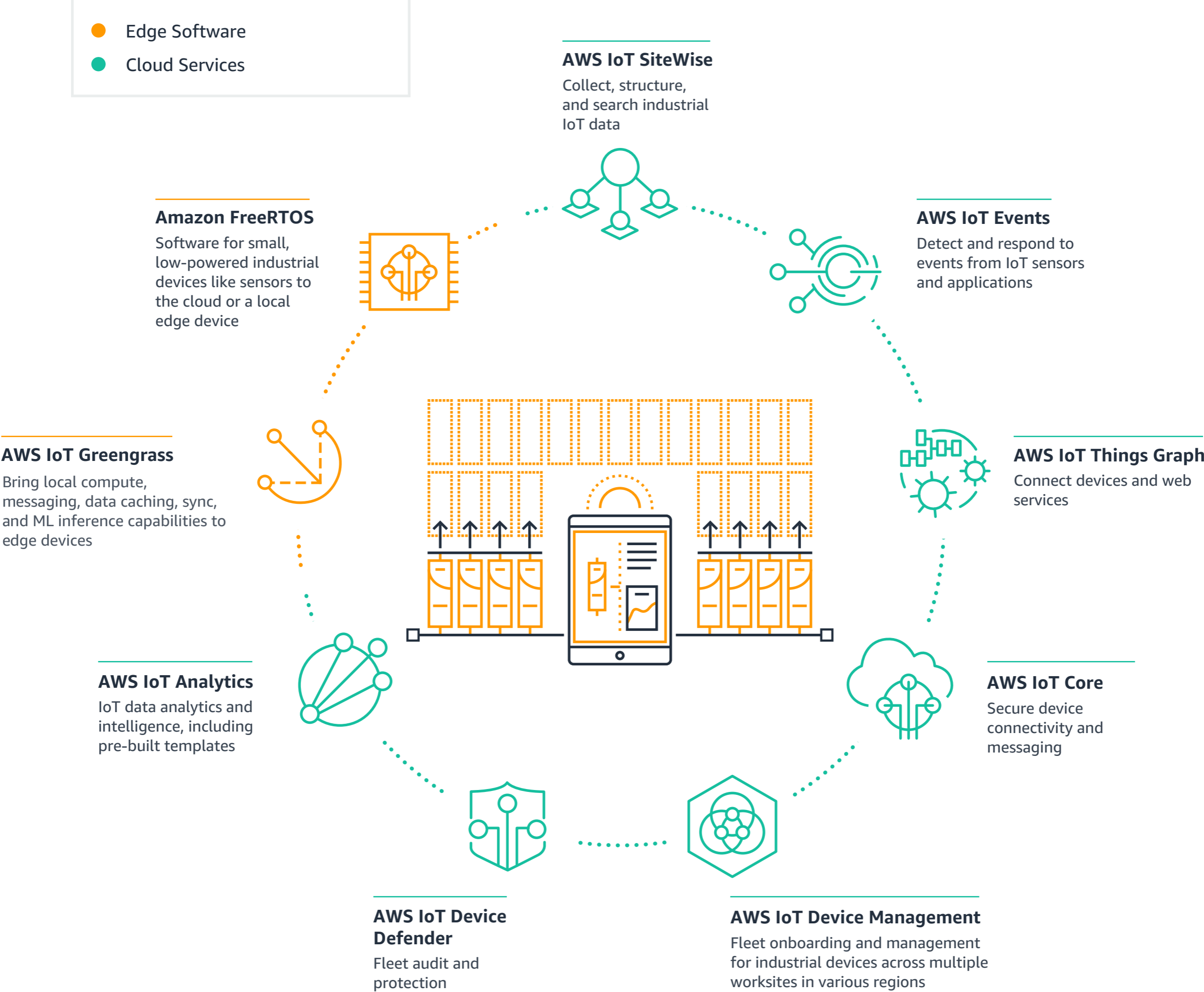
Fully exploit your equipment investments

- Smarter asset management decisions
- Reduced maintenance time and labor costs

Leading to improved reliability, safety, efficiency, and cost savings

Using AWS IoT software and services, industrial companies can easily and securely connect and manage every *thing* to reason on top of that data and truly solve business problems.

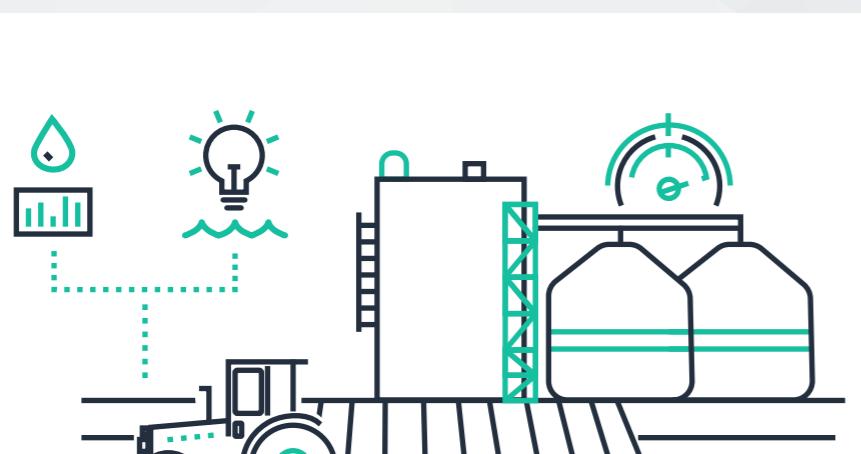
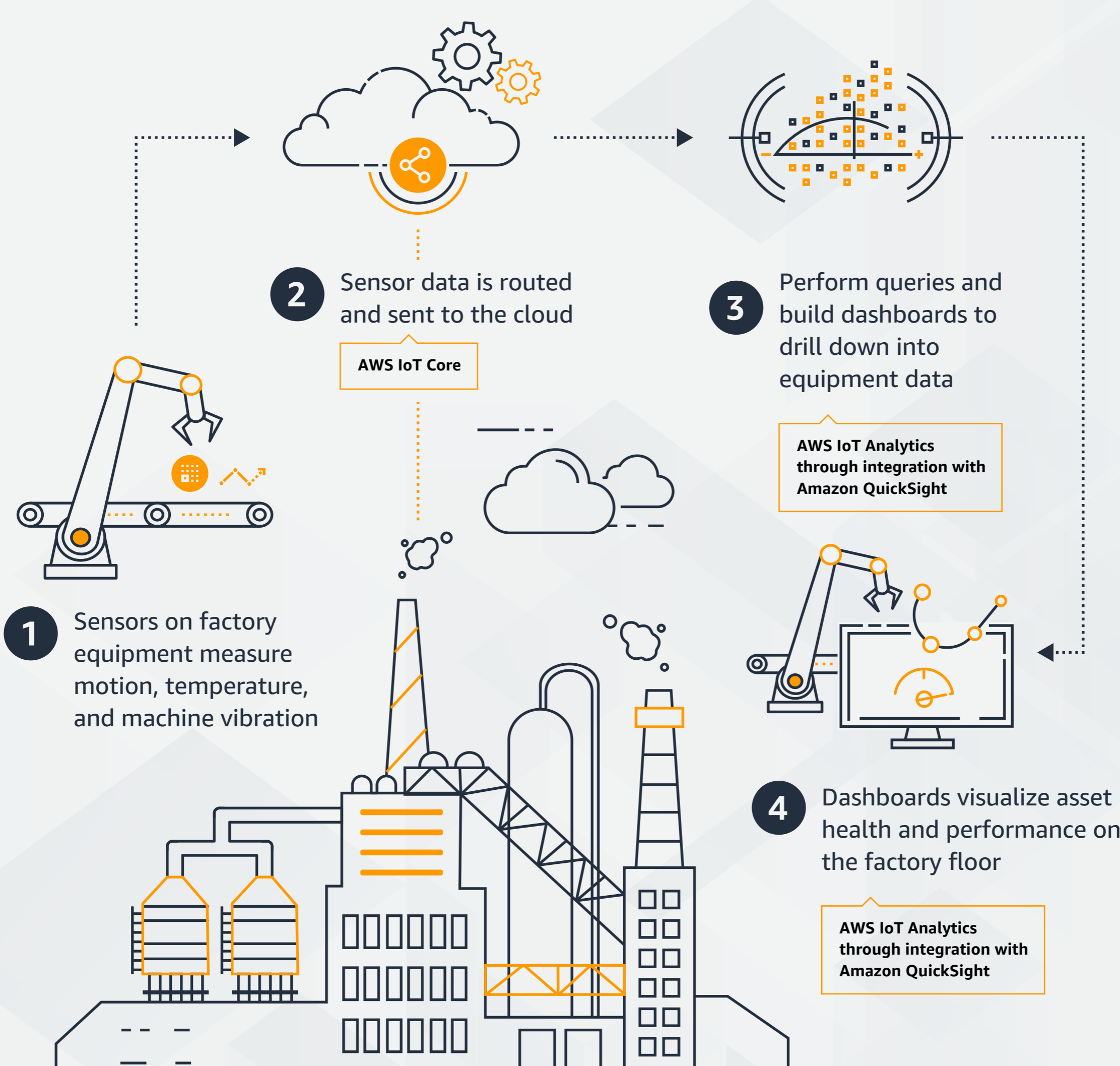
AWS IoT provides a complete portfolio of software and services for asset condition monitoring



Partners play an important role in developing, planning, and implementing IoT projects. Our AWS IoT partners help customers bring together solutions with the necessary hardware and AWS services to solve industrial business challenges. Learn more about our [AWS IoT Partner Community](#).

Asset Condition Monitoring in Action with AWS IoT

In a manufacturing plant, equipment downtime can impact scheduled production time. Sending device health indicators to the cloud lets operations staff know the health and status of equipment to prevent productivity and efficiency losses.



AWS IoT helps Centratech Systems increase field technicians' productivity by 50%

[Learn more about AWS IoT and CentraTech Systems](#)

Amazon Web Services can help transform your business so you can rise to your digital future.

[Learn more](#)

Sources:

- <http://blog.parker.com/8-reasons-you-cant-afford-to-ignore-condition-monitoring>
- https://www.rigzone.com/news/oil_gas/a/143757/despite_cost_potential_exists_for_conditionbased_maintenance/?all=hg2