

## /IOTCONNECT®

# Avnet's Smart Asset Monitoring powered by IoT and AI

## Challenges

### Get better control over your equipment and machinery

Avnet's Smart Asset Monitoring solution tackles challenges like limited control over assets, sudden machine breakdowns, unconnected IT and OT silos, loss of job-critical data, lack of sophisticated reporting systems, inefficient asset performance tracking, and the inability to meet maximum asset productivity. Leveraging Amazon AWS cloud services and Avnet's /IOTCONNECT platform, this IoT-based system integrates advanced hardware, software, and analytics to transform asset tracking, maintenance, and utilization. It provides real-time visibility, proactive maintenance, and actionable insights through predictive algorithms, streamlining asset management, reducing operational costs, and enhancing productivity. For industries such as manufacturing, oil & gas, logistics, transportation, and equipment rental, this solution boosts efficiency, productivity, and customer experiences, helping companies optimize operations and track return on assets.

## Avnet /IOTCONNECT Solution

### Monitor & track your assets remotely to gain rich insights into machine health & utilization

By implementing Avnet's Smart Asset Monitoring solution, businesses can transform their asset management practices, moving from reactive to proactive approaches. This leads to reduced downtime, optimized asset utilization, lower maintenance costs, and improved overall operational efficiency. The solution's data-driven insights enable companies to make more informed decisions about asset investments, maintenance schedules, and resource allocation, ultimately contributing to increased productivity and profitability.

## Benefits



### »» Real-time Asset Tracking

The solution uses sensors, RFID tags, and mobile apps to provide instant asset location information, improving accountability and resource allocation.

### »» Predictive Maintenance

By continuously monitoring machine performance and analyzing data, the system can predict potential failures before they occur. Push notifications alert managers to issues, allowing them to take proactive measures to prevent breakdowns and minimize production losses.

### »» Improved Operational Efficiency

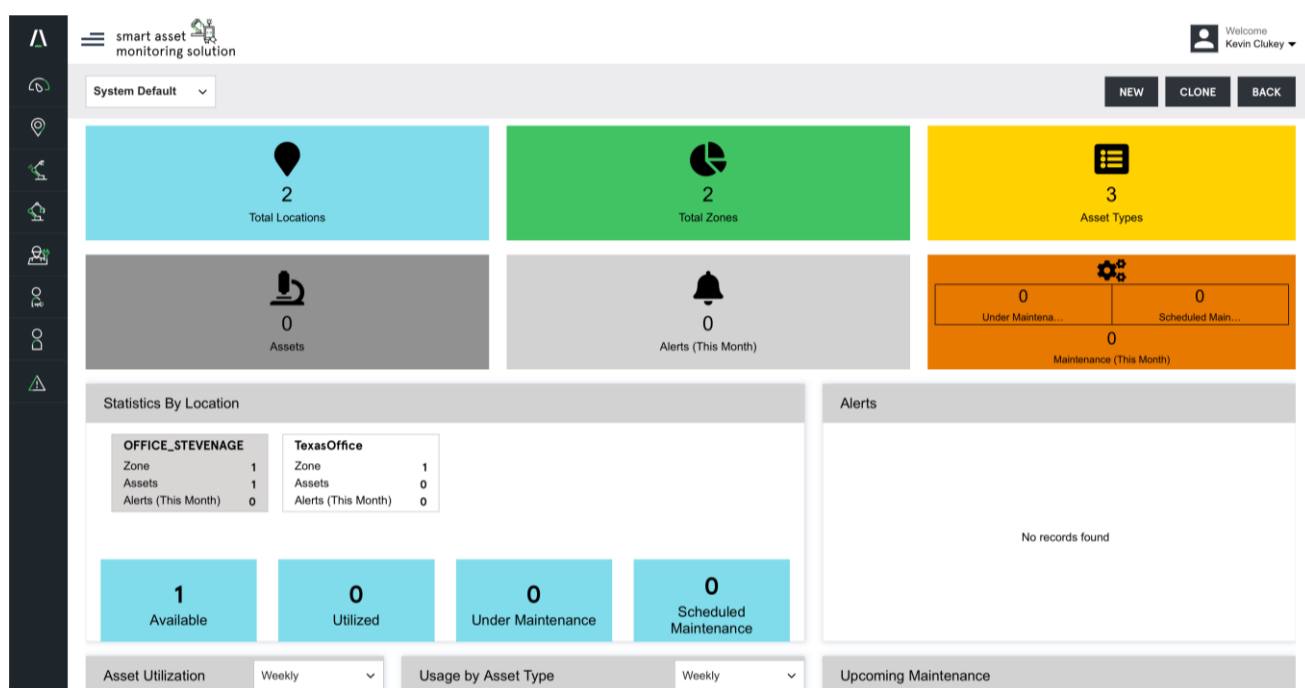
Employees can use a mobile app to quickly check out and return equipment, streamlining processes and saving valuable time. This efficiency boost allows staff to focus on more critical tasks.

### »» Deep Analytics and Insights

An interactive dashboard presents usage history, performance metrics, and other key data points. Users can generate detailed, customizable reports to gain deeper insights into asset utilization, maintenance needs, and overall operational efficiency.

# Avnet's Smart Asset Monitoring on AWS

Avnet's Smart Asset Monitoring solution is a comprehensive IoT-based system designed to optimize asset management and reduce lifecycle costs for asset-intensive industries such as manufacturing, oil & gas, logistics, transportation, and equipment rental. Built on Amazon AWS cloud services and leveraging Avnet's /IOTCONNECT platform, this solution offers a powerful combination of hardware, software, and analytics to transform how businesses track, maintain, and utilize their assets.



## Restoration Monitoring Solution

### Situation:

More than 50 years of providing innovative solutions for professional cleaners, restorers and facility managers.

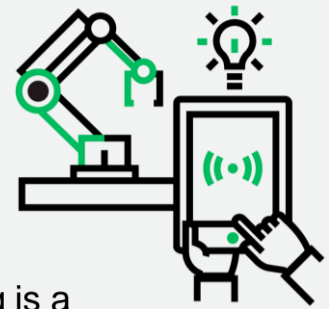
Legend Brands has been pushing the boundaries of innovation to provide cleaning and restoration professionals with cutting-edge equipment and chemicals. Our products are the go-to choice for professionals and consumers who want the best cleaning and restoration results.

### Results:

- Ability to report actual usage for recent insurance mandated reporting
- Improved unit up-time for service providers
- Service tech able to manage multiple sites at the same time
- Utilizing BLE + WIFI multiple units remote or local cell phone monitoring
- Automated usage tracking and reporting
- Real-time maintenance notification filter replacement or unit malfunction.

## Get started with Avnet /IOTCONNECT solutions on AWS

Contact our IoT experts – <mailto: @Avnet.com>



## Features

IoT-enabled smart asset monitoring is a combination of all the processes, assets, workflows, and analytics into a single solution to offer a centrally consolidated tracking, monitoring and analytics system for asset-intensive sectors like manufacturing, industrial machinery, power & utilities, mining, oil & gas, healthcare, etc.

### 1. Easy implementation

Our smart Facility solutions are powered by a modern networking infrastructure platform that works with the current system with minimal disruption.

### 2. Accelerate ROI

Our solutions feature state-of-art technologies such as advanced analytics, deep learning and artificial intelligence that provide real-time visibility and simplify the implementation of higher ROI solutions.

### 3. Comprehensive security

We follow best practices to ensure that all data are properly secured by following the highest standards in compliance with various industry and federal regulations.

**/IOTCONNECT is available for subscription and a free trial on AWS Marketplace [HERE](#)**

