



# Condition Based Monitoring

We are a company who specialise in Condition Based monitoring of Critical Assets to prevent Asset Failure and better inform Asset Management Strategy.

## Business Challenge

To monitor equipment in 6 data centres in the uk in 11 colocation sites and provide real time readings and raise alarms identifying asset failure.

Develop a new DCIM module to add into AIM to track the contents and power usage of each Rack and allow details of equipment in each rack to be interrogated further.

## Solution

- Utilisation of AIM including new DCIM module
- 112 Risks identified
- Deployment of 100 Real-time CM Devices  
6000 Racks with Over 50,000 DCIM assets
- FMEA on all systems  
BMS Integration  
Full Thermography regimes with detection  
Technical cleaning regimes



## How did AIM perform?

*TalkTalk now use AIM to manage all critical assets across their data centres. Its comprehensive tools integrate all the data centres risks, mitigation, performance, life cycle data and maintenance regimes as well as providing real time condition monitoring*

*Since using Asset Insight Manager and live monitoring, TalkTalk have identified several failing assets prior to them breaking down, enabling them to respond in a planned manner and reduce unplanned downtime associated with undetected breakdowns.*

**Tony Williamson, Operations Director**

*We've recently rolled this product out to two of our clients to monitor and protect their critical data centre infrastructure and have recently benefited from the addition of the AIM mobile app. The product is streets ahead of the competition and with the continuous development drive from Asset Handling, it looks set to cement its position as the leader of this technology*

## Benefits

Project benefits include

- ✓ Live condition readings available
- ✓ Alarms generated highlighting abnormal behavior of an asset requiring investigation
- ✓ New DCIM Module developed to show location of equipment
- ✓ View a Current and Accurate Site assets lists within a logical ADH
- ✓ Non-intrusive and lower Maintenance requirements, reducing machine downtime
- ✓ Increase Operations reliability and reduce Operational expenditure
- ✓ Aids fault diagnosis and can identify machine specific faults
- ✓ Lowers risks on 'Single Point of Failure' Assets

Discover the benefits Asset Handling can deliver

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