Footfall and Occupancy Monitoring
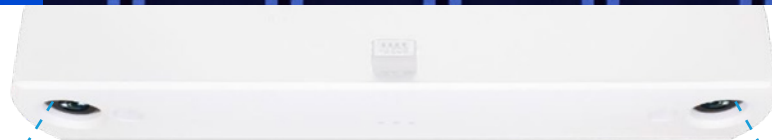

www.4dportal.com/footfall

Factory floor

Ground floor

Crowded

Safe

4D monitoring

FootfallCam 3D plus™

The people counter.
For smart buildings.

Helping businesses to comply with social distancing

Serving multiple sectors varying from retail, fast food, restaurants, museums, offices to smart buildings and airports.

- real-time notifications for capacity and density monitoring

- hot desking environments and managed occupancy

- re-purposing areas under utilised

- focused and proactive cleaning

- cost effective and reduces personnel deployment with automated traffic control

The benefits:

Real-time

Customer-facing and employee-facing displays that show the occupancy in real-time.

Convenient

Access web-based live occupancy display from any browser-enabled mobile device, tablet.

Timely

Alert staff members instantly using email and push notification when capacity thresholds are close to being reached.

Privacy friendly

Our counters are GDPR compliant and we don't store any identifiable information.

Airthings
Air quality.
Make your building a smart one.

Air quality monitoring

Building occupants will be all too aware of the risks posed by airborne infection, and will want to know how you ensure the quality of the air.

4D Monitoring now integrates with the Airthings Wave Plus, a smart indoor air quality monitor with Radon detection. The Wave Plus includes sensors that measure air temperature, pressure humidity, TVOCs, and CO_2.

4D Monitoring also interfaces with smart sensors, such as those from Disruptive Technologies and AWAIR, to extract room temperature, touch, proximity, lighting level, and air quality data. This provides site management teams with a clear picture of working conditions within occupied spaces, which can be used to inform tenant wellbeing strategies, facilitate a smart cleaning approach and much more.

- improved staff well-being and productivity
- monitor health performance of buildings
- focused and proactive maintenance

The benefits:

Total visibility
Visibility of performance across multiple properties from one, central, online location.

Easy install
An easy to install and affordable solution for rapid rollout across multiple sites.

Live data
We provides live room temperature readings, equipping site teams with the data they need to prove actual conditions.

Improve efficiency
We can establish whether the air conditioning system is operating out-of-line with individual tenant's occupancy hours.

4D Monitoring
Showcasing predictive maintenance

Risk Management

4D Monitoring can be set up to automatically identify when actions are required, so the right person can be mobilised. For instance, if the air conditioning system exceeds a certain temperature, a pump starts to leak, or a filter needs to be changed, the platform will send an alert to the service provider.

In effect, 4D Monitoring enables central systems within the building to tell you and your engineers when there is a problem or if an action needs to be taken.

- water leak detection for properties
- legionella monitor
- focused and proactive maintenance

The benefits:

Improve asset lifecycles

4D Monitoring proactively reviews asset usage data and provides quarterly recommendations for further improvements.

Reduce utility costs

With 24/7 monitoring and automated alerts, equipment faults can be addressed before they reach a critical level - saving money.
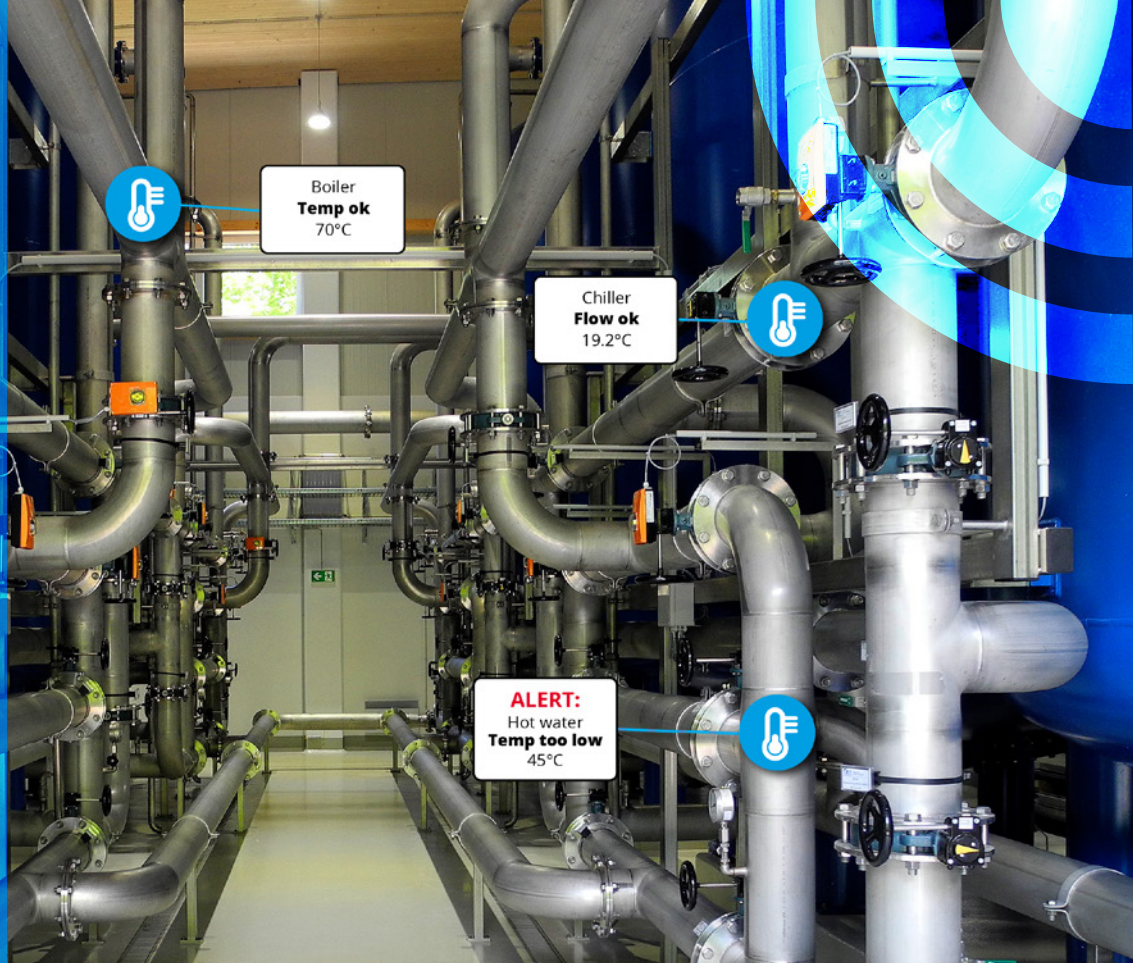
Early diagnosis

Identify cost-saving measures with minimal impact on productivity and wellbeing.

Retrofit technology

Our technology easily retrofits into any building, regardless of age.

Intuitive technology for smart buildings

Boiler
Temp ok
70°C

Chiller
Flow ok
19.2°C

ALERT:
Hot water
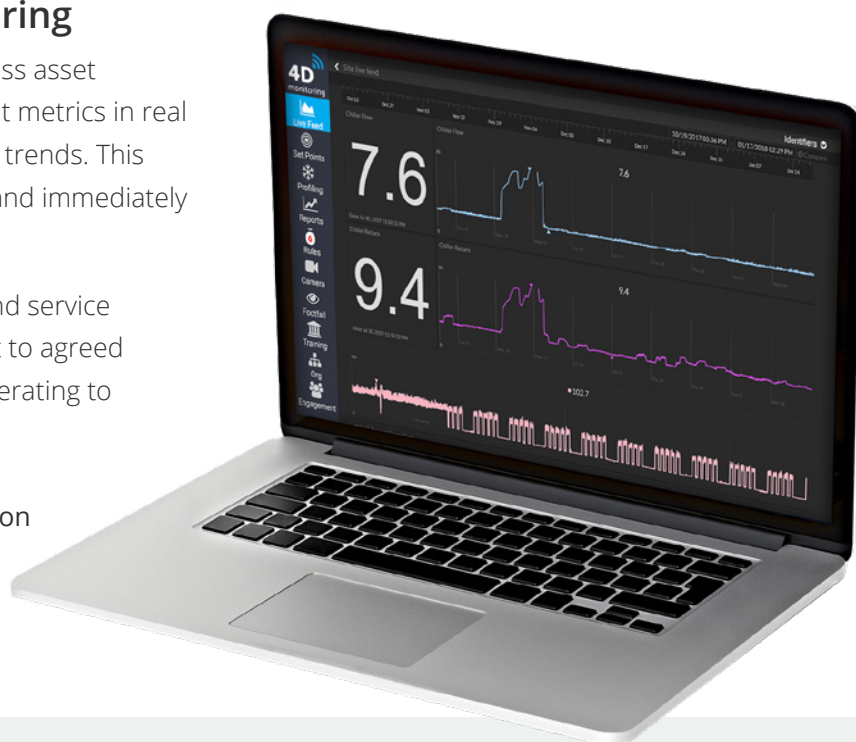**Temp too low**
45°C

Building Performance Monitoring

Via 4D Monitoring's cloud-based portal, access asset performance data and occupier environment metrics in real time, or wind back the clock to see historical trends. This information is intuitive, easy to understand and immediately accessible no matter where you are.

With intuitive data to hand, site managers and service providers can ensure temperatures are kept to agreed levels and the energy-consuming plant is operating to agreed timescales.

- real-time insights of M&E plant operation
- proactive notification of plant failure
- proactive maintenance of properties

The benefits:

Improved visibility

Get immediate visibility of asset performance across a portfolio.

Identify saving opportunities

With 4D Monitoring's reporting tools, you can prove the efficacy of your decision-making.

Save energy

Immediately identifies where energy wastage is occurring, so something can be done about it.

Reduce complaints

There is data to prove actual conditions, helping to prevent unnecessary maintenance call outs.

4D
monitoring

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