



## CASE STUDY

## AS Scaffolding



# The Customer



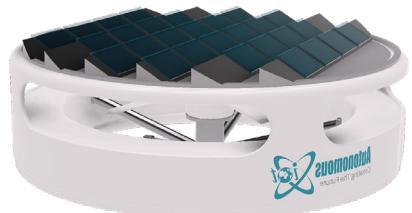
Situated in Glasgow, AS Scaffolding provide complete scaffolding and ancillary scaffolding services throughout Scotland.

Formed in 1996, they have steadily grown in size to become Scotland's largest independent scaffolding company providing construction, hire and ancillary scaffolding services to clients, within all areas of the private, commercial and public sectors.

[www.as-scaffolding.co.uk](http://www.as-scaffolding.co.uk)

## AS Scaffolding Problem Statement

AS Scaffolding required a security and lighting solution for their main car park and distribution centre. The client sought a solution that would support their environmentally friendly strategy and lessen their carbon impact.



## Autonomous IoT | Solution

AS Scaffolding and the Autonomous IoT design team collaborated closely on their requirements.

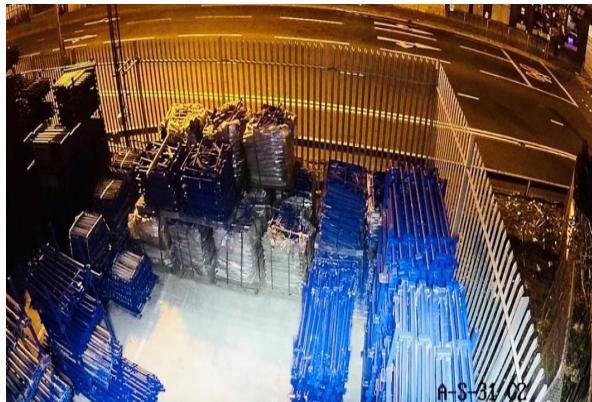
The Autonomous IoT solution consisted of 4 AIOT-S-C4 (LED & CCTV) intelligent lighting products with a software dashboard to assist with existing lighting and to provide additional CCTV coverage.

The grid connected security solution was installed on new columns, configured to work on motion detection which illuminated the LED's at full intensity when motion is detected (via the unit's built in sensors) and when no motion is present will reduce the intensity to standby mode to conserve energy while still providing sufficient area lighting.

The AIOT-S-C4 units have 4 built in IP Based CCTV cameras with on board storage to view 360-degree coverage to cover the main car park and distribution centre. Recordings last for 7 days before overwriting and can be retrieved via Wi-Fi locally.

# Customer Results

AS Scaffolding are impressed with Autonomous IoT units as they not only complement their environmentally friendly strategy but are also helping them save money. Additionally, the units offer good lighting and security for their main car park and distribution centre.



360-degree coverage nighttime



Distribution Centre Picture

**Product Model No.** AIOT-S-C4  
(with IP 4xHD cameras, WIFI, 4G Router),  
Customer Dashboard

**Solar** - 56W p-p , **Turbine**- 300W @ 10ms  
**Battery** - 70Ah, 840Wh Lead Crystal  
**Lighting** - 5700 Lumen, 15 LED Array

*"In addition to looking amazing, the Autonomous IoT's Intelligent Hybrid Technologies are already saving AS Scaffolding money and helping us meet our net zero goals. The installation was swift and seamless from start to finish with no impact on our distribution centres at all".*

Sarah Jane Smillie, Manager



## About Autonomous iOt

Within our tailored R&D and manufacturing base in Central Scotland our dedicated team of innovators, businesspeople and support professionals combine the latest technologies and systems to produce innovative, environmentally conscious products powered by the sun and wind. Reducing our carbon footprint and helping to address climate change and environmental damage are key drivers in our product development.

By harnessing solar and wind power our core product is able to provide LED street lighting, managed by a smart controller, and integral wireless surveillance and monitoring services as additional features. The autonomous design of our product opens up an extendable platform for applications such as: communication; smart-city connectivity; emergency alert systems; utility power access; analytics and many more developing and future technologies.

For more details and to find the ideal solution for you:

**Call us on 0800 689 1041**

or go to our website: [autonomous-iot.com](http://autonomous-iot.com)  
and click on Ask Autonomous