

# Milesight Enables Intelligent PTZ Bay Monitoring with Zatpark Integration



Milesight



## Location

UK



## Milesight Technology Partner

Zatpark, Go2SIM



## Overview

To support efficient parking enforcement and bay occupancy management for a hotel surface car park near a seaside location, [Milesight partnered with technology partners Zatpark and Go2SIM to deploy an intelligent bay monitoring solution powered by Milesight AI Cameras](#). The solution enabled automated PTZ patrol monitoring, clear timed snapshots, and seamless HTTP Post integration with the Zatpark platform for parking duration calculation and enforcement management across five different car parks.



## Solution Highlight

- **Intelligent PTZ Bay Monitoring with Automated Patrols**

Milesight PTZ cameras continuously moved between predefined preset positions, with each preset corresponding to a specific parking bay or monitoring zone. At every preset location, the cameras captured timed snapshots for occupancy verification and vehicle identification.

- **Multi-Scenario Monitoring Across Different Car Parks**

Two PTZ cameras were installed in one car park to monitor vehicles stopping on double red line roads using Milesight's loitering detection function. One additional camera monitored loading bay parking activity, and seven more cameras were deployed across four additional car parks for dedicated bay monitoring applications.

- **Schedule Task Optimization to Maintain PTZ Preset Accuracy**

During operation at the hotel car park, one PTZ camera experienced preset position drift after extended patrol periods. To mitigate this issue, Milesight engineers utilized the Schedule Task function to trigger a one-minute Auto Scan every day at midnight before resuming normal patrol operation.

- **Seamless Integration with  zatpark for Parking Enforcement**

The cameras transmitted captured snapshots directly to Zatpark through HTTP Post integration. By combining bay identification, timestamps, and Milesight snapshots, Zatpark was able to automatically calculate vehicle parking duration, determine overstays, and support enforcement workflows such as penalty issuance.

