

Cafeteria Occupancy Management

For managing the influx of visitors during busy hours.

Cafeteria REQUIREMENTS

- Measure Queue Length, Seating Occupancy, Visit Duration
- “Busyness” Widget on public website
- Notify management when thresholds were breached.
- Reports for food planning and SLA review.
- Cost effective. Reliable.
- Maintenance free
- [Case Studies >>](#)

SYSTEM DESIGN

Equipment:

- [FootfallCam 3D Pro2](#) - Count visitor In/Out on entrances, occupancy of the cafeteria
- [FootfallCam 3D Prowave](#) - Count the queue length and waiting time at the checkout area
- [FootfallCam V9 Cloud](#) - Reporting Software

Installations:

- FootfallCam Pro2 and Prowave are using Cat5e/Cat6 cables connecting to the premise’s network switch. PoE injector is included for POE power source.
- Install yourself or by a FootfallCam approved installer
- Accuracy tuning service - inclusive in the 3D Pro2 purchase

Use Cases

Metrics:

- [Queue Length](#), [Seating Occupancy](#), [Visit Duration](#), [Number of Visitors](#)
- Predictive analysis - based on historical patterns, weather, holidays

Use Cases:

- **Visitors:** Widget on the App to see the “busyness” of the cafeteria
- **Facility Manager:** Seating availability, staff number SLA review
- **Catering Manager:** Planning for food ordering.
- [Explore more >>](#)

Maintainability:

- Dedicated Account Manager
- Self Support: [Health Check](#), [Support Helpdesk](#)
- Support Contract: [Support Contract Template](#)
- [GDPR Compliant](#): No personal identifiable data collected.

Data Exports:

- 4x export methods: [Download or Email with Excel or CSV](#), [FTP](#), [PowerBI connectors](#), [custom API](#).

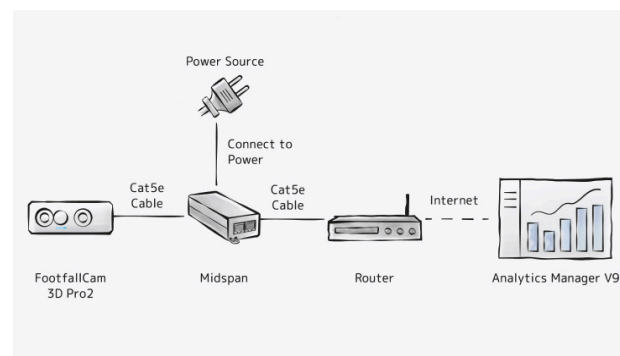
NEXT STEPS

Buying Process:

- Trial for one device at the entrance and one ProWave at the queueing area to assess the full functionalities



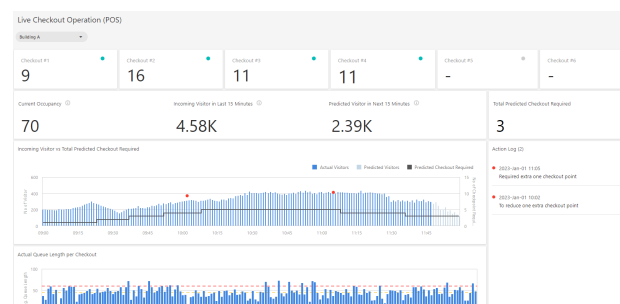
Widely deployed in Office Canteens, Cafes and Fast Food Restaurants



[Cabling Diagram](#)



“Busyness” Widget on websites





[Queue Prediction and Alerts](#)

- RFQ - [Request for Quotation template](#)

FLOOR PLAN DESIGN



Key Indicator	Remarks
 FootfallCam 3D Pro2  FootfallCam 3D ProWave	Number of 3D Pro2 Proposed - 1 unit(s) Number of 3D ProWave Proposed - 1 unit(s)

Project Title
Facility Booking Analytics

Designed by

FootfallCam

Executive Summary

- ✓ Improve Visitor Experience - Visitors can pre-plan their journeys and avoid disappointments.
- ✓ Improve Service Level
 - With greater visibility, busy hour traffic would be evenly spreaded out.
 - With real time alerts, managers can rectify traffic overflow immediately.
- ✓ Reduce waste - Predictive analysis to estimate the amount of food to order in the coming week.
- ✓ Cost effective.
- ✓ Maintenance free.

References:

- FootfallCam for Office Powerpoint [Slides](#)
- FootfallCam 3D Pro2 People Counter [Datasheet](#)
- FootfallCam V9 Cloud [Datasheet](#)
- FootfallCam 3D ProWave [Datasheet](#)
- [GDPR compliance](#)
- [Service Level Agreement \(SLA\)](#)