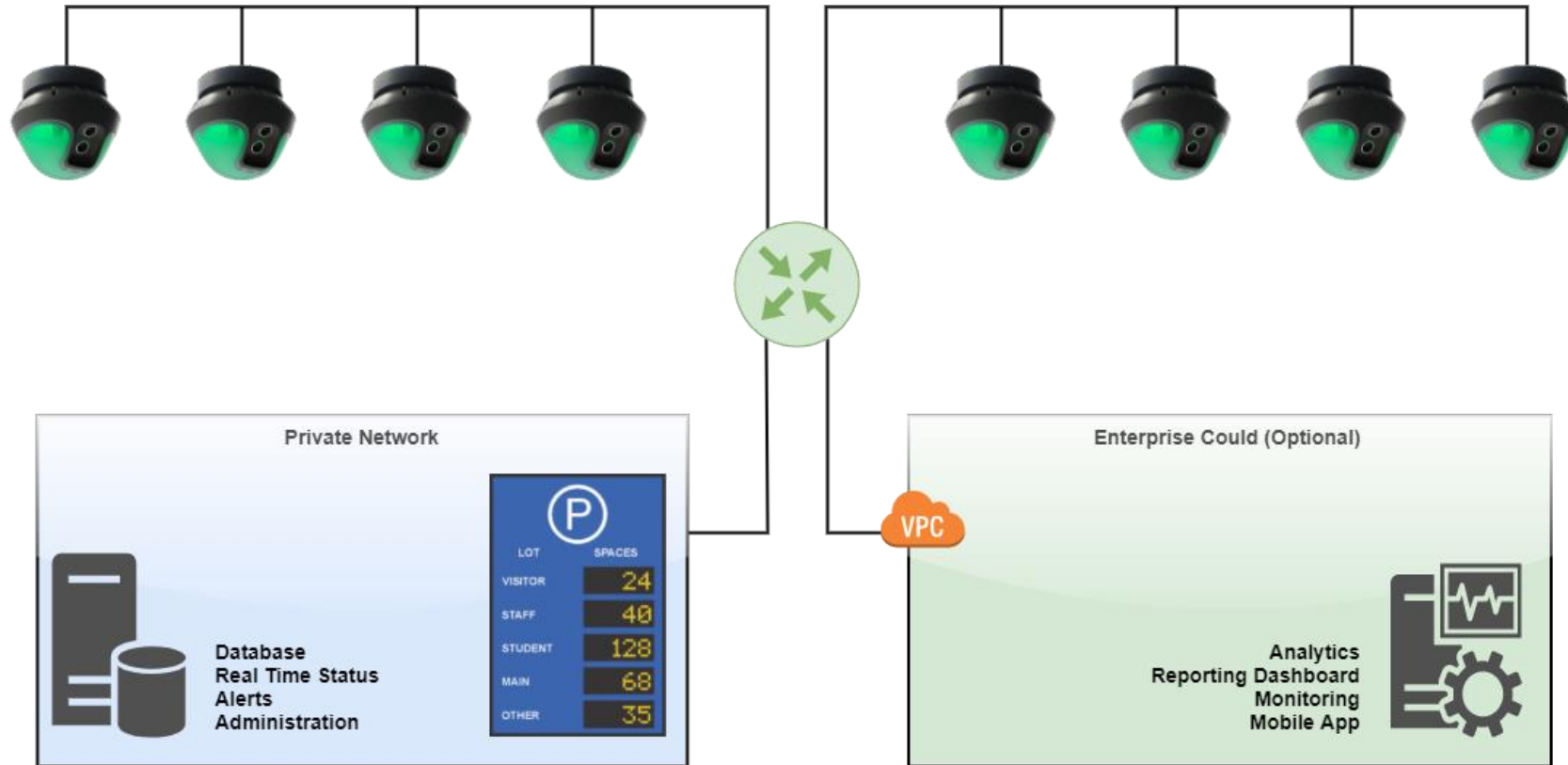


A low-angle, upward-looking photograph of several modern skyscrapers with glass and steel facades, set against a clear blue sky. The perspective creates a sense of height and architectural scale.

# Smart Parking Guidance System

MultiSequence Inc.

# Architecture





## Ultrasonic Sensor

Smart Parking Guidance System (SPGS) utilized a ceiling mounted ultrasonic sensor for precise vehicle detection in indoor parking garages.

It is available with integrated space indicator LED or external space indicator LED in a double or single sided version

# Parking Modes

The SPGS sensors indicate LED colors that can be individually selected and changes at any time to highlight or reserve spaces for special user groups

Group	Color
Family	Yellow
Assistance	Blue
Staff	Orange

These modes can be configured individually for each parking slot from the dashboard

The indicator supports 16 million different colors that can be selected for specified parking cases.

# Sensor Specification

Name	Value	Name	Value
Communication Mode	RS485	Supply Power Distance	<= 150m
Communication Interface	RJ45	Response Time	< 2S
Communication Distance	<= 300m (CAT5)	Environment Humidity	40%~70% RH
Operating Voltage	DC 10~28V	Indicator Light	Red and Green
Power Consumption	< 1W	Light LED	All Colors
Working Temperature	-20C to 65C	Dimension	126x125mm
Storage Temperature	-40C to 85C	Net Weight	180g
Detection Accuracy	99.9%	Material	Grey ABS Plastic
Ranging Error	2cm		

# Features

## Stable Transmission

- ✓ Two circuit independent receiving and sending
- ✓ Twofold detection area
- ✓ Low power consumption
- ✓ Intelligent anti-interference algorithm

## Reliability

- ✓ Anti-static
- ✓ Lightning stroke resistance
- ✓ Anti-surge
- ✓ Anti-group pulse

# Technology

Wireless communication features that reduces the maintenance costs

**Wireless**

Designed to work in low power consumption modes

**Low Power**

Mesh networking approach reduces the number of access points required in the parking

**Mesh Network**

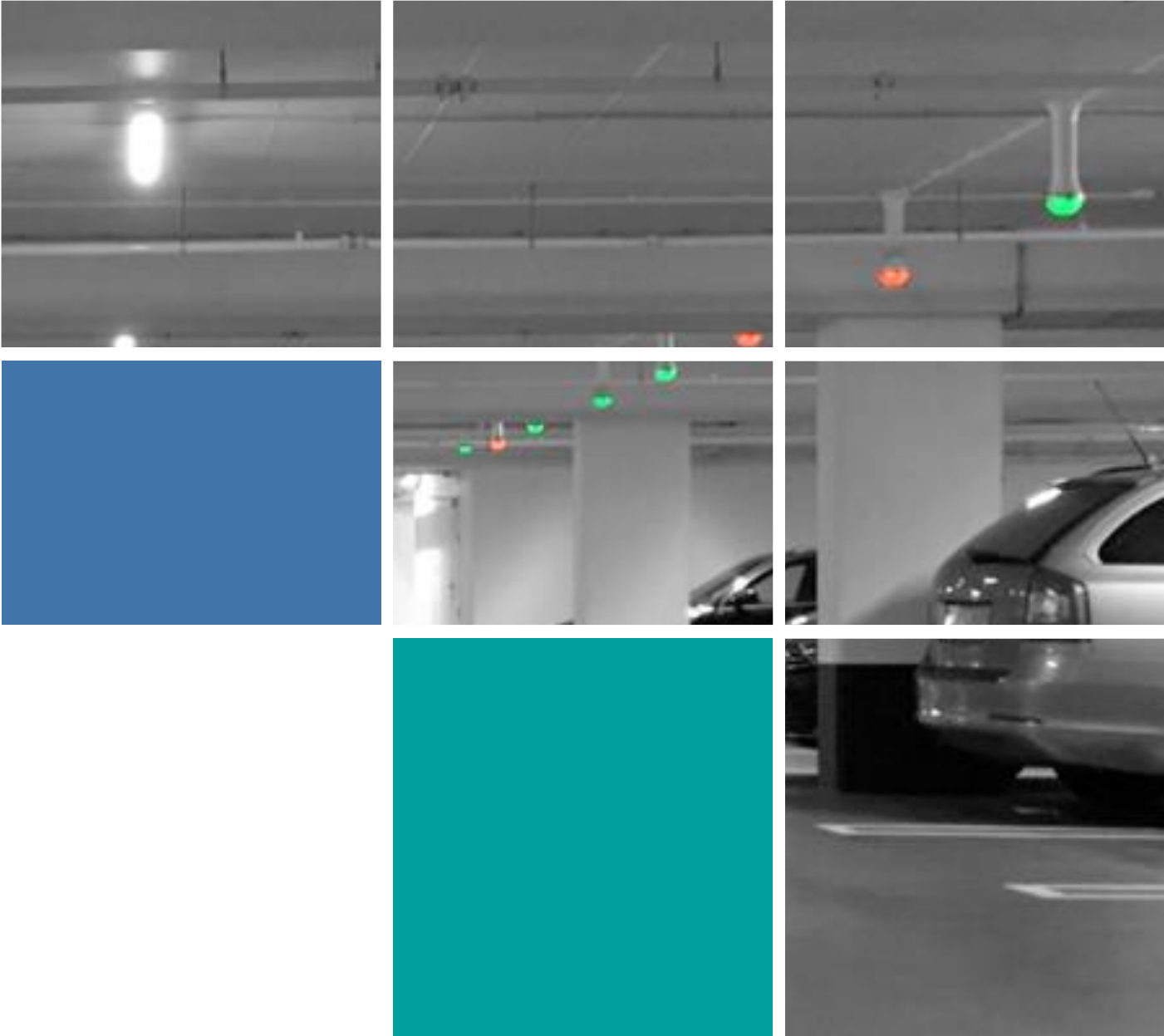
Utilizes long range reliable ultrasonic sensing hardware and algorithm for vehicle detection

**Better Sensing**

# Parking Display

**P**

LOT	SPACES
VISITOR	24
STAFF	40
STUDENT	128
MAIN	68
OTHER	35





# Dashboard



890

Total Occupied



920

Total Vacant



209

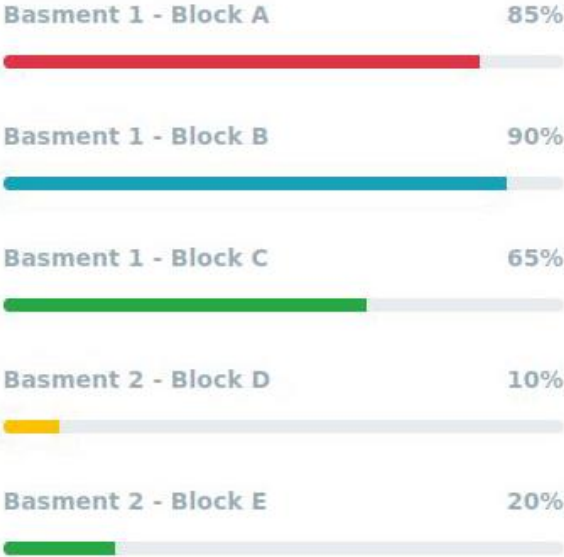
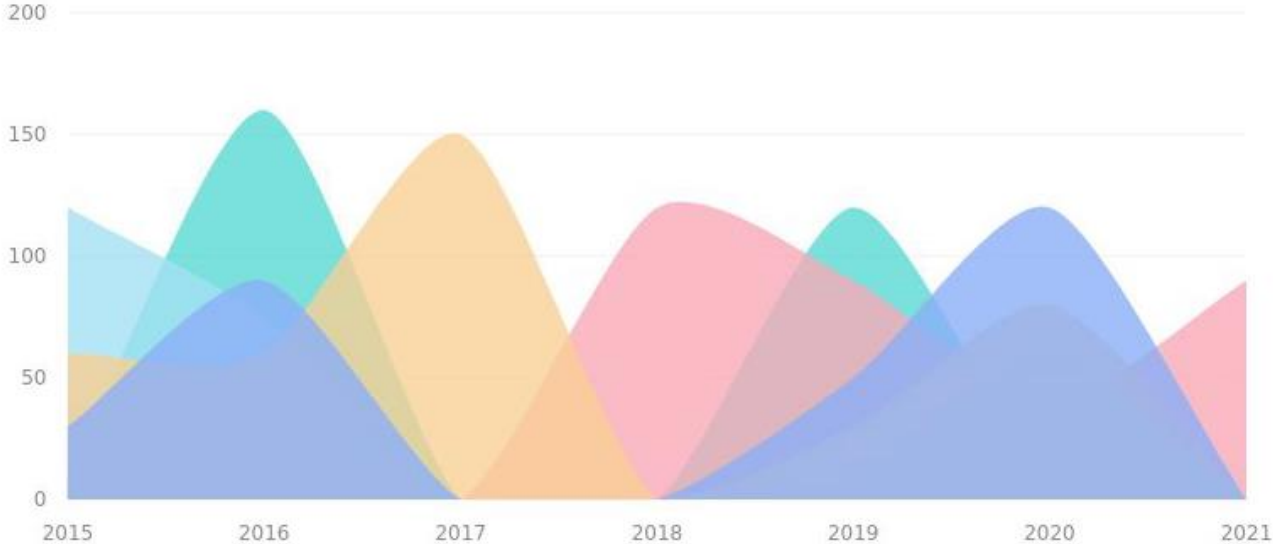
Total Entered



847

Total Exited

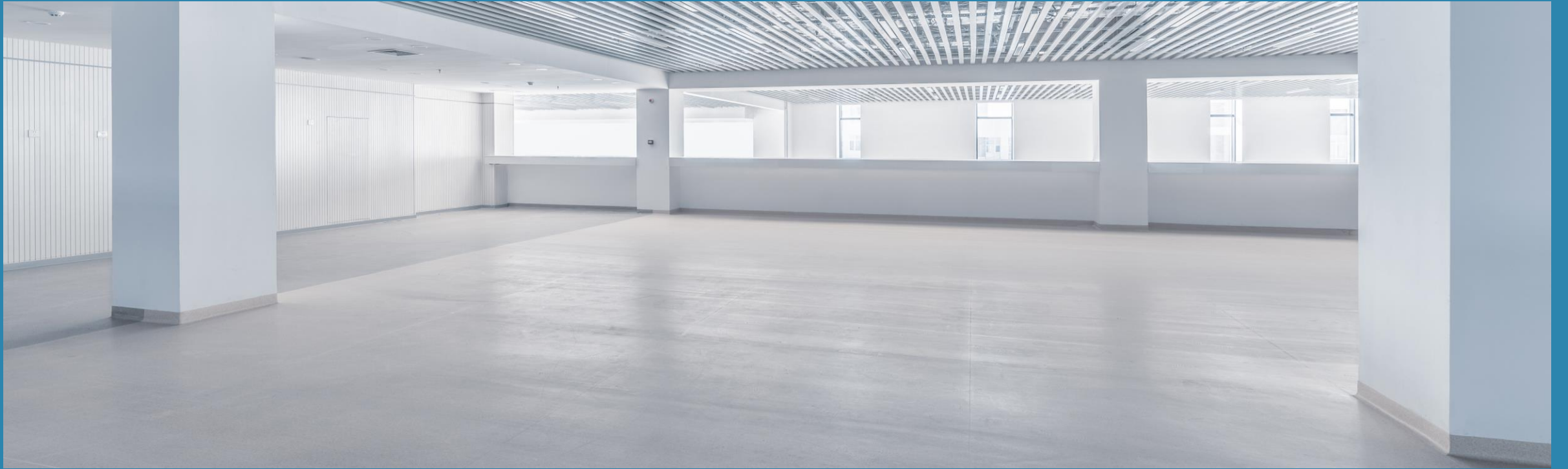
Occupany Stats





## Locator App

- Locator mobile application is focused to guide customers to their cars
- Reduces stress related to finding vehicle
- High customer satisfaction



MultiSequence Inc.

<https://www.multisequence.com>

+1 (844) 800 MSEQ