SAFMA - Annual Conference - Smart Lighting

May 2017

AURORA®

VALUE BEYOND ILLUMINATION

Introduction

Aurora Group Overview

AURORA®
VALUE BEYOND ILLUMINATION

WORLD CLASS
Manufacturing and Sourcing Capabilities

- 12,000 Products Launched
- 900+ Employees
- 20% UK Market Share*
- 95% LED Sales

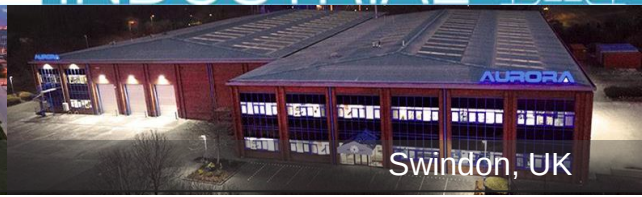
450,000 sq.ft
IN-HOUSE
UK & Asia

R&D
Electronic Engineering
Mechanical Engineering
Industrial Design
NEMKO Test Facilities

RESIDENTIAL
RETAIL
HOSPITALITY
COMMERCIAL
INDUSTRIAL

Ji'an City, China

Dongguan, China


Swindon, UK

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Smart Enterprise

ENTERPRISE IoT LIGHTING ECOSYSTEM

LIGHTING ANALYTICS · BUILDING INTELLIGENCE · SPACE OPTIMIZATION

“Every building already has a lighting infrastructure capable of becoming a sensory network.

*"**Lighting is the 'Trojan Horse' of the Internet of Things** as the most pervasive & ubiquitous element in any building"*

OVER

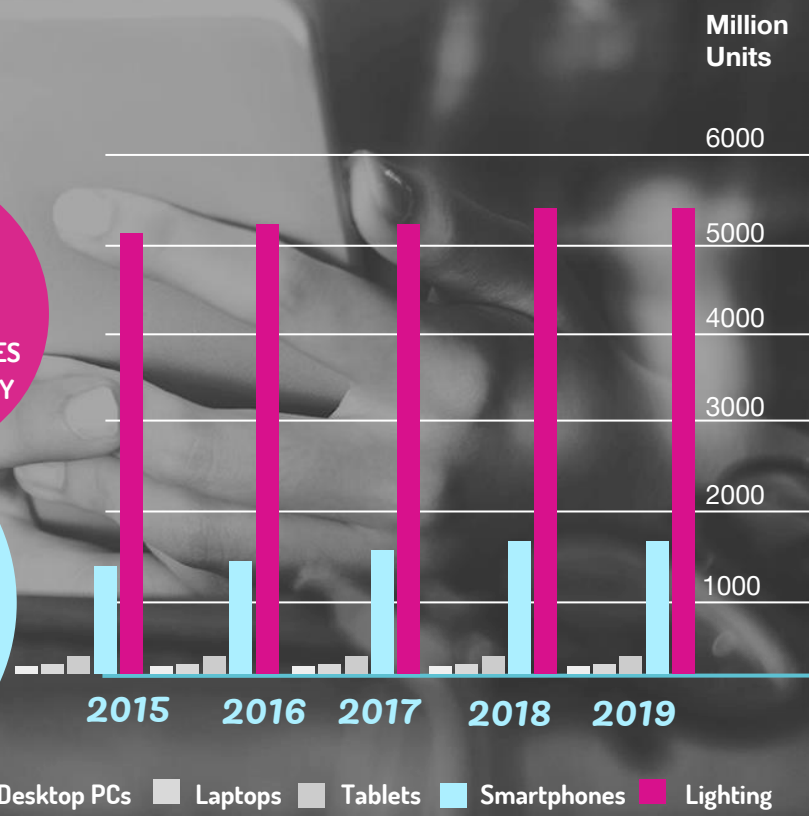
5 TIMES

MORE LIGHTS THAN SMARTPHONES SHIPPED ANNUALLY

OVER

10 TIMES

MORE LIGHTS THAN PCs, LAPTOPS & TABLETS COMBINED!



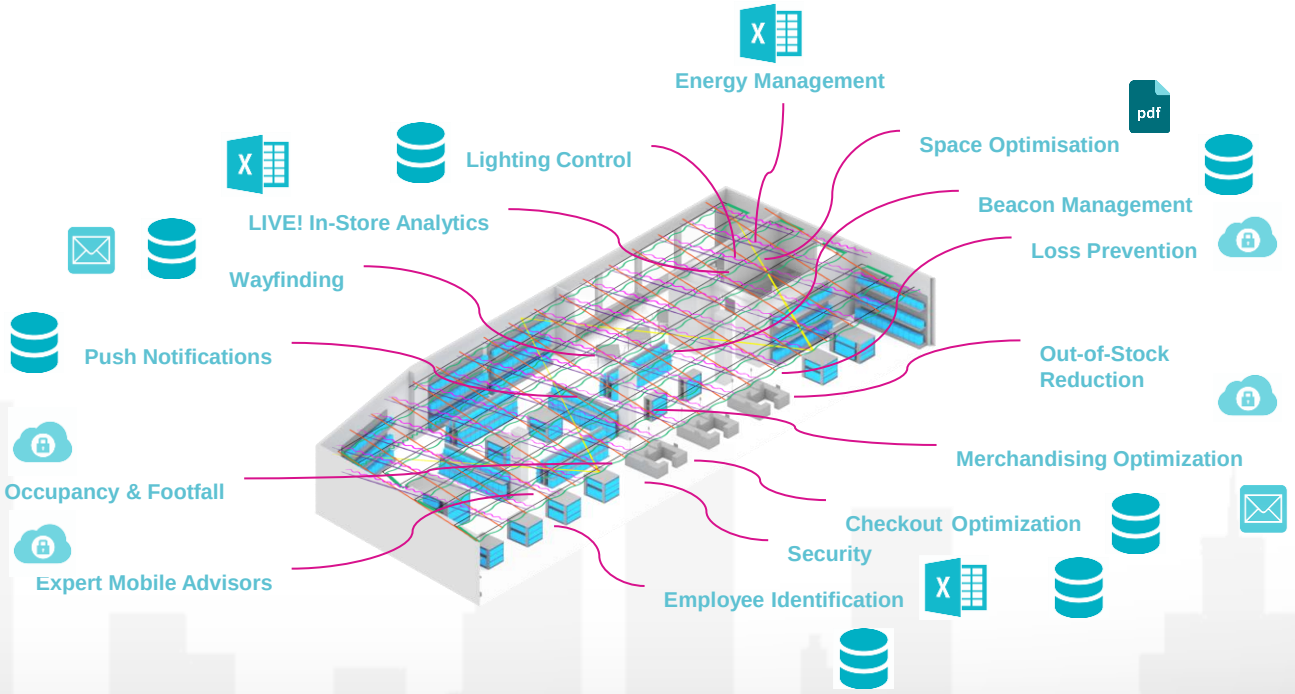
TWO BIGGEST PROBLEMS IN THE BUILT ENVIRONMENT

PROBLEM 1

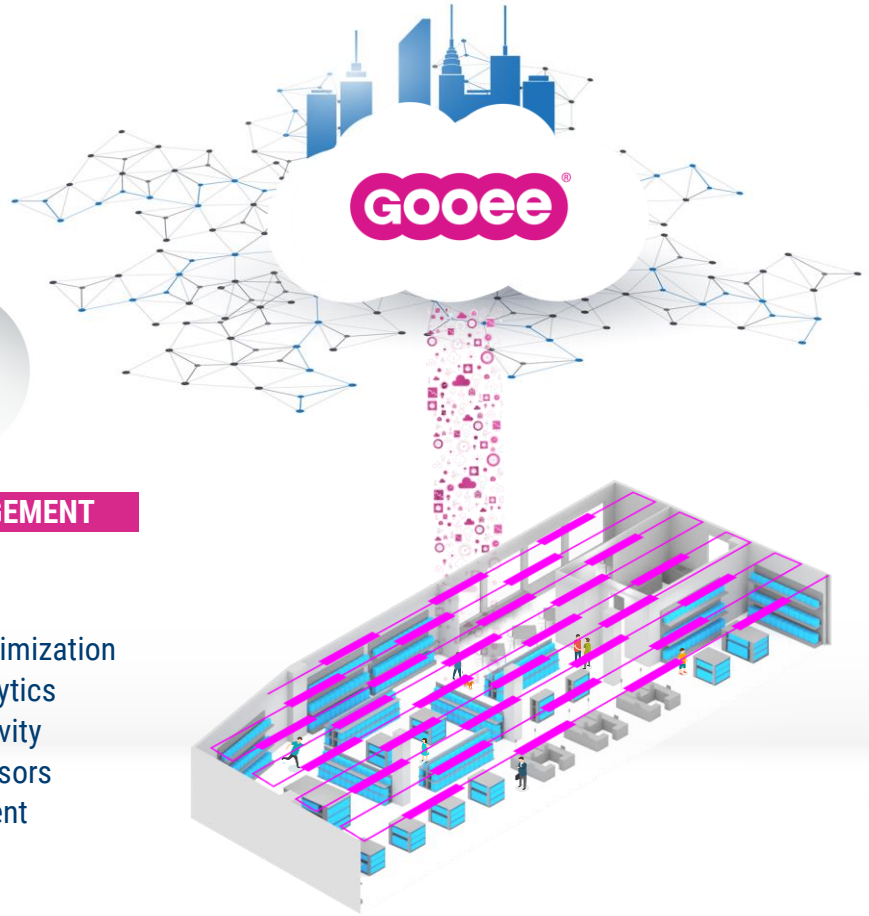
Multiple, disparate networks with siloed datasets make them costly to maintain, integrate, manage & upgrade

PROBLEM 2

Deploying a single, pervasive, cost effective infrastructure of sensing and hardware streaming data to a single accessible data source, delivering actionable insights



LIGHTING IS 'THE SINGLE ESSENTIAL NETWORK'



HUMAN ENGAGEMENT

Wayfinding
Push Notifications
Merchandising Optimization
LIVE! In-Store Analytics
Employee Productivity
Expert Mobile Advisors
Beacon Management
Connected Ads

BUILDING INTELLIGENCE

Lighting Control
Energy Management
Occupancy & Footfall
Space Optimisation
Predictive Maintenance

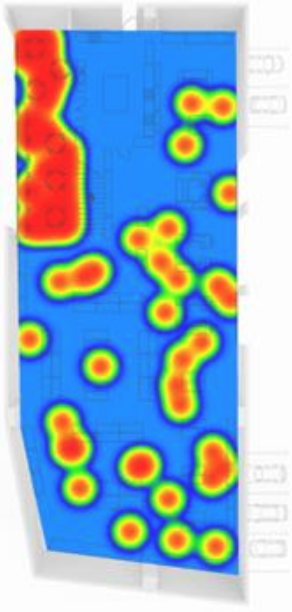
ASSET TRACKING

Out-of-Stock Reduction
Connected Supply Chain
Checkout Optimization
Loss Prevention
Security

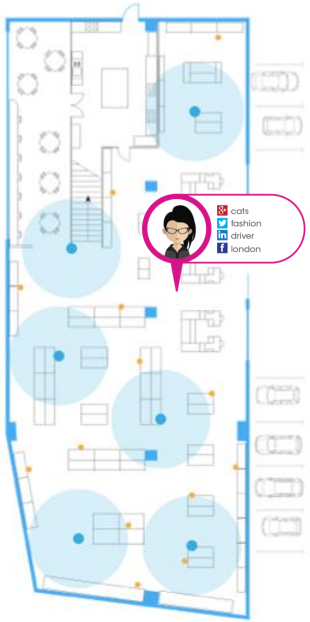
MULTIPLE DATA SETS

Physical Environment

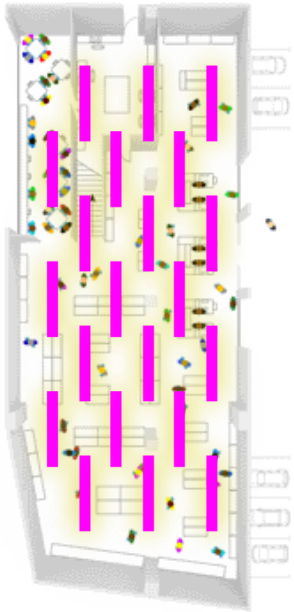
Occupancy Heatmapping



Beacon Management



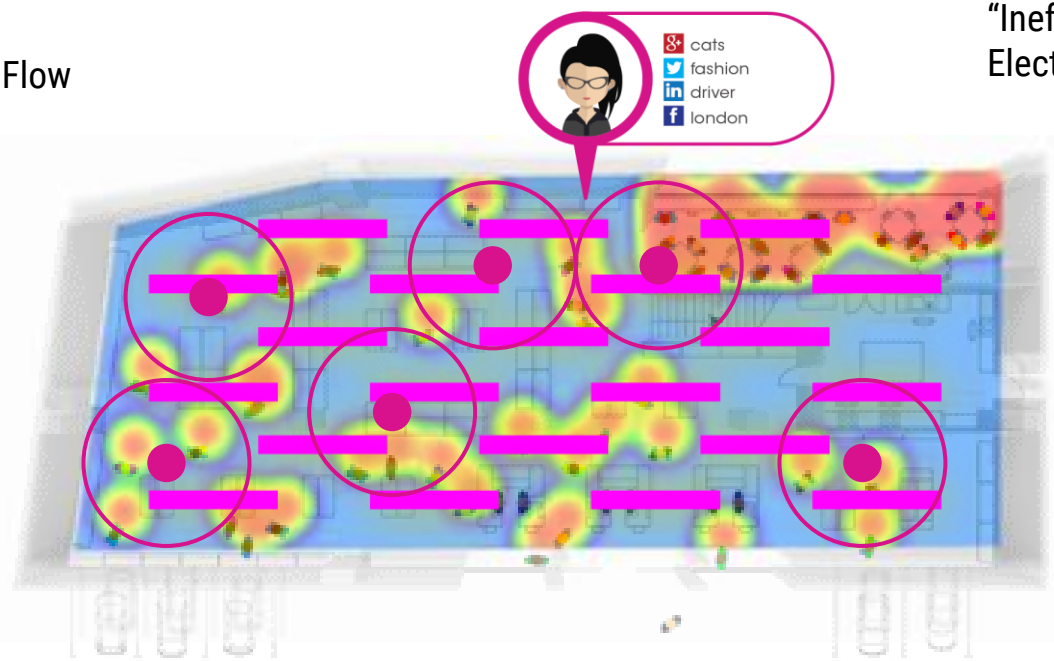
Light, Control & Sensing Plan



ACTIONABLE INSIGHTS FROM INTEROPERABLE, AGGREGATED DATASETS

"Ineffective Path Flow Re-Merchandise"

"Ineffective POS in Electronics Dept."



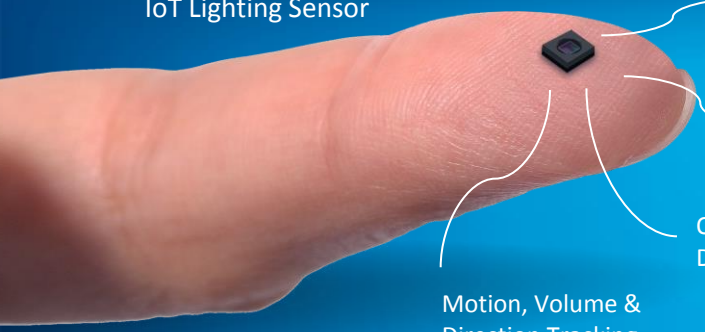
"Under utilised space let's rent it out"

"Planned maintenance based on predicted EOL"

"We need more checkout staff between 3-6pm, Wednesdays"

"Re-Price Brand X's POS due to increased footfall"

World's Smallest
IoT Lighting Sensor



Measure
Ambient Light
Levels

Measure Color
Temperature

Occupancy
Detection

Motion, Volume &
Direction Tracking

SENSE · CONTROL · COMMUNICATE

> Gooee has designed and engineered all aspects of the platform from the ground up, and owns all technologies across the stack.

Smart Environments · Wireless Lighting Control · Daylight Harvesting · Granular Energy Monitoring · Predictive Maintenance · Presence

Detection

Wireless Control

Power Control

Integrated
Sensing

Retrofit
Sensing Clip

Enterprise Scale Gateway

Back of House & Warehouse

Energy Management

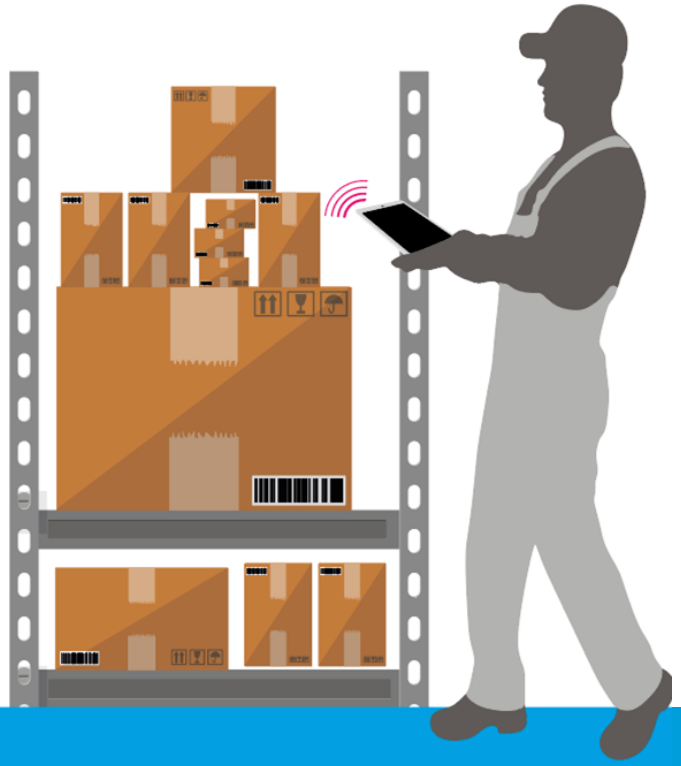
Predictive Maintenance

Asset Tracking

Wireless Control

Occupancy

Gooee inside



Increase Productivity

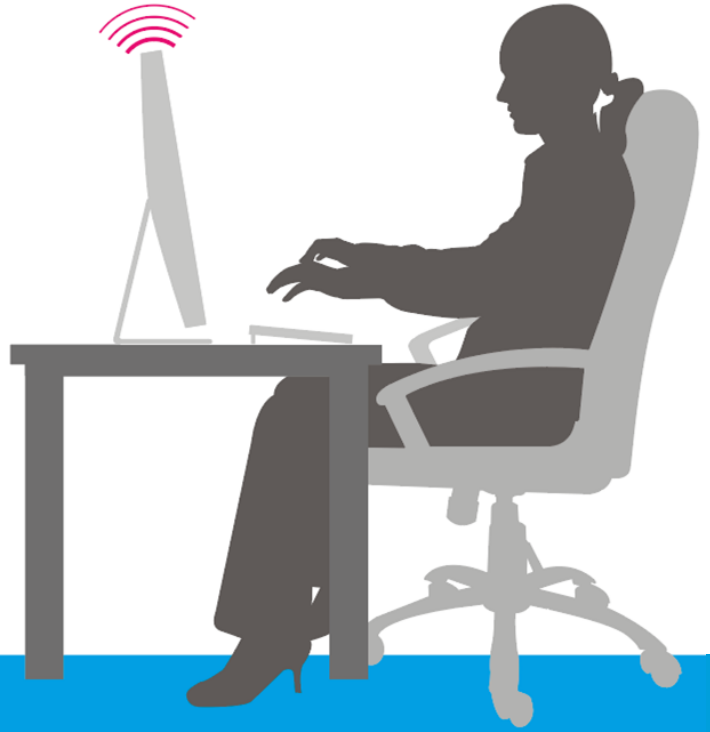
Space Optimisation

Comfort Analytics

Personalised Control

Individual Addressability

Gooee inside



Enterprise Value

Multi-Site Management

Estate Optimisation

Asset Management

Maintenance Scheduling

Gooee inside

Estate Management

Management Portal

Office

Management Portal

Any Questions?

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