### RECO7069 – Technology and Innovation Assessment Task One - Technology Description Group 4 – Savills PLC

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What is IoT for Anything Any Facility Management devices Anytime Anyone Any Anybody Context Internet of Things Any service Anyplace Any Any Where Business Any path Any Network

## Advantage of IoT in FM

Health and Safety
(Sensors identifying physical risks such as over populated areas.)

Internet

Resource Management

(Sensor on Resource. Room, desks, parking space, providing real time data on space usage) Security

(Occupancy sensors or personalised tags indicate the location of individuals in an estate.)

of Things in FM

Cleaning and maintenance

(Real-time data on bin/container capacity to help schedule collection and cleaning rotas.) Climate

(Sensor Controlled HVAC)

## **Physical Application**

#### **Phyical layer**

(Sensors, Devices, Machines etc.)



#### Networking

(Connectivity for communication and processing unit)



#### Cloud

(Data element analysis, transformation and Storage)



#### **Application**

(Reporting, analytics and control)













## Case Study - Smart Parking

Wilson Parking applied IOT to improve customer experience





# Case Study - Smart Parking

Smart Parking System (IOT Based Parking System)





Digitalized Information

(Wireless)

Cloud Platform

### **Smart Cloud Platform**





Save time, save money.
Wilson is the easiest way to park

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 $\rightarrow$ 

Start parking

Existing member login >

## Conclusion

Uniternet of ThingsUniteractionbetween Peopleand Facilities

4<sup>th</sup> Industrial Revolution

### Smart Parking

- **ü**Parking Space
- **ü**Economic Growth
- **ü**Smart City

- **ü**Data Management
- **ü**Secure Platform
- **ü**Urban Planning

System