



Network Control Group



# CONNECTED ENVIRONMENT



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**62 billion**

**devices connected via IoT by 2024.**

The amount of data that IoT devices are generating is doubling approximately every 40 weeks.

Source: Zion Market Research, 2017

Provide a seamless experience across the building.

- Simplify building management and optimise efficiency
- Provide consistent, high performing connectivity
- Cope with high-density areas
- Optimise costs

**87%**

**of decision makers say they'll require smart technology in the office the next time they move.**

Source: British Land Report – Smart Offices: a 2017 vision of the future



# Plug and Play IoT

Tech innovation has led to more competition across all industries, pushing businesses to compete on workplace experience whilst having to optimise real estate costs.

Lack of smart tech to help capture and analyse data at building, business and user level will inevitably result in an increased number of complaints and sunk costs.

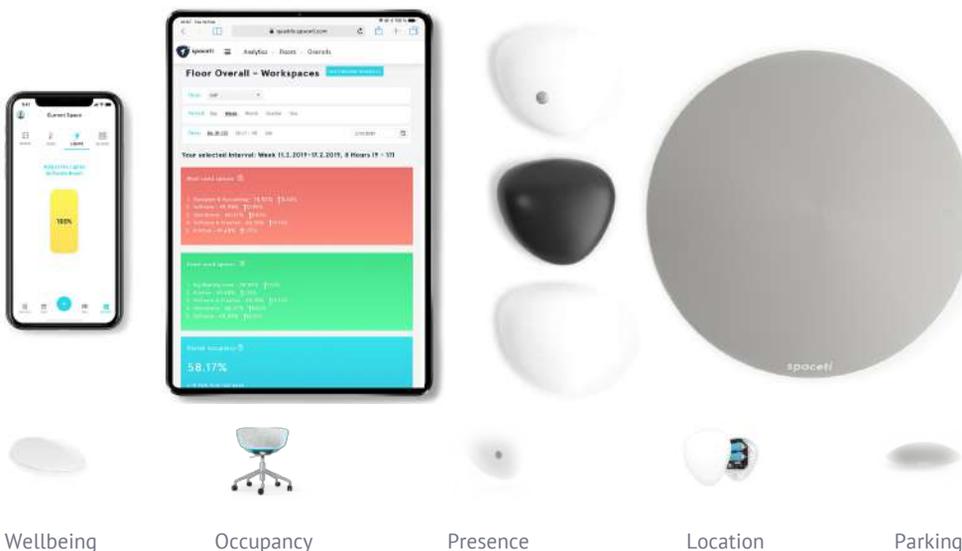
IoT sensors such as “Smart Stones” can simplify property management, enabling you to manage space more easily, cheaply and efficiently, whilst boosting wellbeing and productivity.

Wellbeing Smart Stones can measure advanced environmental parameters, including CO2, tVOC, temperature and humidity. Location Smart Stones help create an indoor positioning and tracking system.

Occupancy Smart Stones give you real-time hot desk availability information, whilst Presence Stones retrieve meeting room vacancy information. Parking Gems help identify free spaces and enable easy navigation to them.

**Maximise**  
ROI on real estate  
whilst providing a great  
in-building experience

- ✓ Control and optimise building efficiency
- ✓ Reduce your environmental footprint
- ✓ Adjust lights, heating, and ventilation based on real-time occupancy



IN  
PARTNERSHIP  
WITH  
  
spaceti



# High Density Wi-Fi and Resilient Internet

In the digital era, being online is the status quo as businesses rely on Internet access to work, meet, communicate, collaborate and generate revenue.

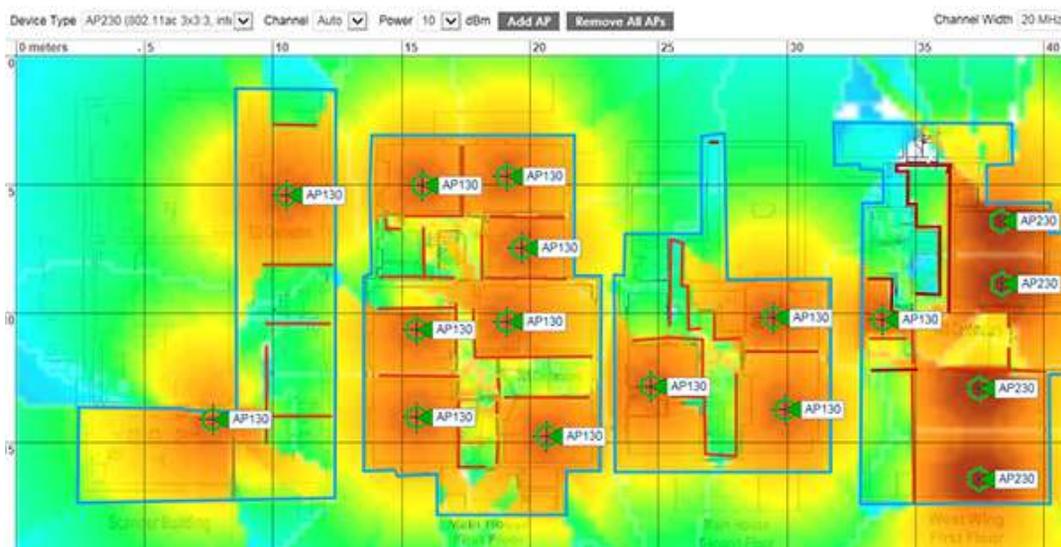
Every business is different and so are their connectivity requirements – shared or dedicated bandwidth, speed, security, redundancy, compliance, SLAs.

Providing a great Wi-Fi experience in multi-tenant environments is extremely challenging due to the high number of uncontrollable variables including number of users and devices, spacing between users, movement and number of roaming users. Using a large number of Access Points to try and address this, results in increased cost, complexity and IT management overheads, without any guarantee of results.

NCG can help you centralise Access Point management, monitor and optimise network traffic to provide a consistent, high-performing connectivity experience in every corner of the building.

- ✓ AI-driven Wi-Fi architecture capable of self-organising, self-learning, self-healing, self-optimising in the most challenging environments
- ✓ Cooperative control for stability and performance

- ✓ Enterprise-grade architecture, performance and resilience built with multi-tenant environments in mind
- ✓ Carrier-grade equipment and connectivity





# Deep Network Control

In the digital era, networks need to support more traffic and devices than ever before whilst maintaining great performance, ensuring security and delivering seamless configurations.

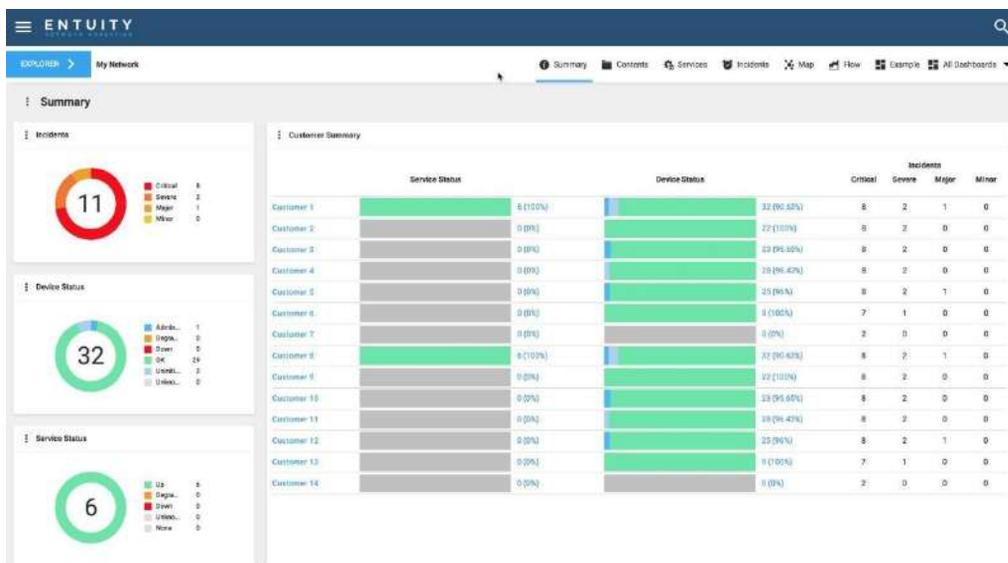
Bring Your Own Devices (BYOD) policies create a mix of personal and business devices that are in use at any given time within the workplace. Internet of Things (IoT) devices are everywhere.

Monitoring and managing the network is becoming more complex every day. Instead of focusing on the business, time is often spent firefighting IT issues, leading to a poor user experience and lower levels of productivity.

NCG can help you unify network management, get carrier grade monitoring at granular level and support the ever-increasing traffic across your multi-tenant multi-device environment, for a consistent experience.

**Deliver**  
high-quality, continuous  
service performance

- ✓ Real-time network data
- ✓ Granular level monitoring
- ✓ Optimised network assets
- ✓ Unified network management





Network Control Group

# SMART, NETWORKED OFFICES. MADE SIMPLE.

We are PropTech System Integrators on a mission to simplify the delivery of smart, networked offices.

We connect the dots between buildings, businesses and people, using IoT devices, a modular smart workplace platform with a mobile-first user experience, connectivity services and analytics.

Our solutions will work with your existing systems, giving you more experiential control and access to powerful insights. This will help you optimise real estate costs, implement a new workplace culture, and boost wellbeing and productivity.

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