

**Power to your
procurement**



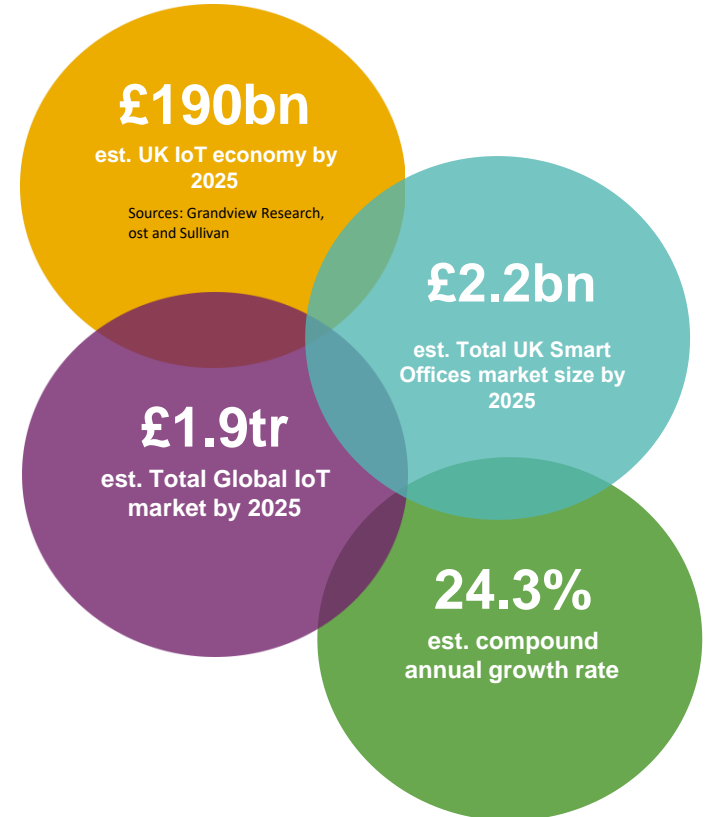
Crown
Commercial
Service

Delivering IOT & Smart Spaces

NS3 enabled applications

We anticipate the focus of both local and central government spend to be in these areas:

- **Smart Buildings**: Optimising facility performance and energy consumption. Optimise space utilisation.
- **Smart Street Lighting**: Energy saving, and public space safety.
- **Waste Management**: Real-time monitoring to improve the efficiency of waste collection, reducing litter and encouraging recycling.
- **Water Management**: Detect and report leaks immediately. AI and predictive technology applied to watershed management, to predict flooding.
- **Crime Prevention and Security**: Predictive policing, crime mapping, gunshot detection, smart surveillance, emergency response optimisation.
- **Education**: Video interaction devices, e-whiteboards, virtual reality and augmented reality, to deliver remote interactive lectures
- **Traffic Management**: Real-time transit information, digital payments, predictive maintenance, intelligent traffic signals & smart parking.
- **Environment (Air and Noise Pollution) Monitoring**: sensors can detect compliance with pollution limits, particularly in Clean Air Zones.



Benefits of Smart Spaces

- **Connectivity** - Allowing citizens to stay connected (e.g. through provision of high speed internet)
- **Sustainability** - allows for cities to adjust energy consumption based on supply and demand, thus leading to less energy waste. Examples include smart waste management, smart water, and smart street lighting
- **Reductions in crime** - the use of smart technology has been estimated by McKinsey to contribute to an 8-10% reduction in crime. Measures such as predictive crime analysis can prevent crimes from occurring before they take place.
- **Cost savings** - Smart technology can lead to cost savings by reducing the amount of energy used by local authorities.

Awaab's Law

Awaab's Law is part of the biggest government reforms affecting social housing in a decade.

In December 2020, Awaab Ishak sadly passed away just after his second birthday. The coroner stated this young boy “died as a result of a severe respiratory condition due to prolonged exposure to mould in his home environment. Action to treat and prevent the mould, was not taken.”

The latest English Housing Survey data, published in July 2023, found that damp and mould affect 177,000 social homes

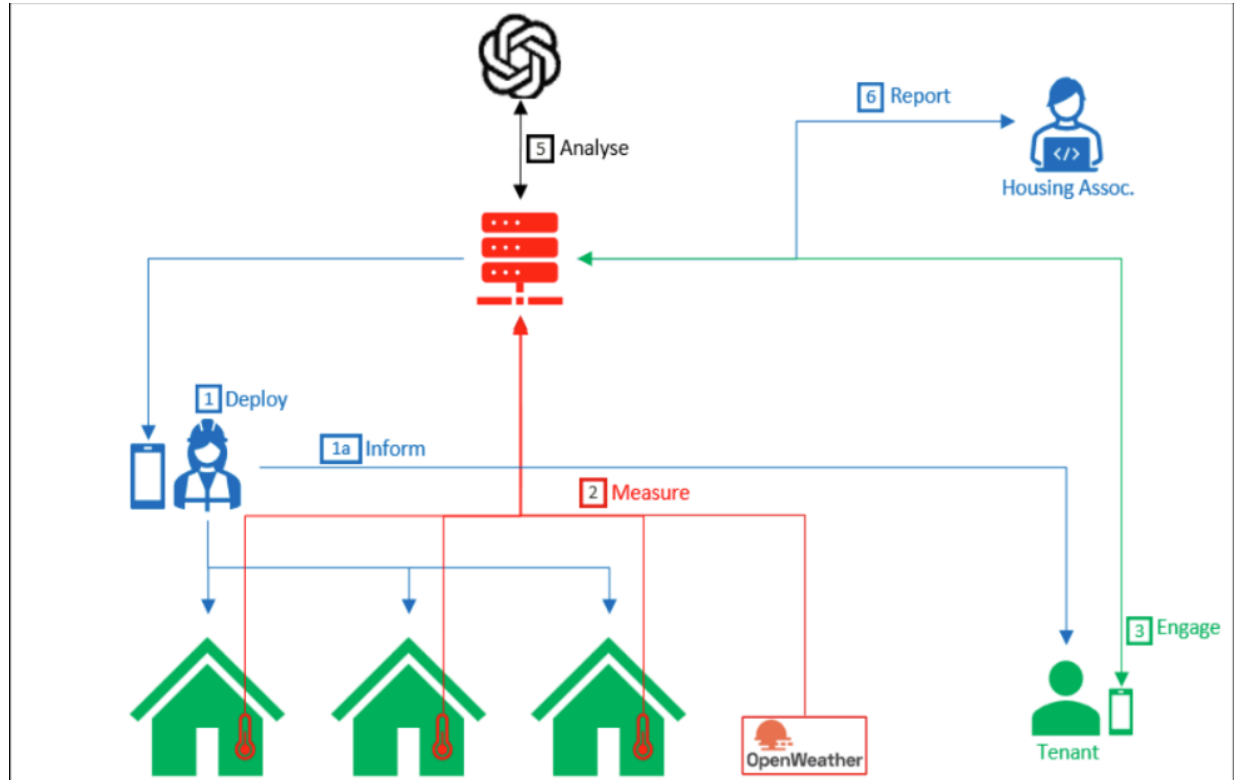
Landlords and housing authorities must amongst many things

- Investigate hazards within 14-calendar days.
- Provide a written report of the investigation.
- Begin repairs in 7 days if the hazard poses a significant risk to H&S of the tenants.
- Social Housing landlords will be expected to keep a clear record of correspondence with residents and contractors.

Awaab's Law

One of our suppliers under NS3 has come up with a solution already.

This is an end to end solution with sensors provided, data connection, insights and a tenant education package.



DSIT Collaboration

We have been working extensively with the Department for Science, Innovation & Technology (DSIT)

DSIT have created playbooks where they research security implications of the technology and advise Customers how to mitigate those risks, make more informed choices and create a secure environment.

They recommend potential customers to procure via Network Services 3 because it is an end to end solution with security built in from the ground up.



Department for
Science, Innovation
& Technology

The alpha Secure Connected Places Playbook



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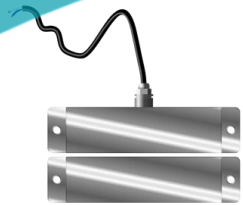
Why Use Crown Commercial Service?

Advantages of buying through CCS

Network Services 3

- NS3 Lot 3a (IoT & Smart Cities): 26 Awarded suppliers
- Tested for Financial strength, Design & Delivery capabilities, and Commitment to Social Value.
- CO Schedule 9 (Security), sets out the key Security principles that suppliers need to abide by when providing a solution and requires suppliers to meet the NCSC standards pertaining to security standards and practices.
- Design, build and delivery capabilities for end-to-end solutions.
- Free to use for all public sector organisations
- Suppliers are limited to the leaders in their respective capabilities in the marketplace meaning less evaluation effort on the customer side when running a further competition.
- Contracts include performance management, and continuous improvement clauses obliging suppliers to improve value and service over time
- Contracts comply with public sector procurement regulations
- Standardised contract terms reduce administration

Lot 3a IOT and Smart Cities - A complete solution



Sensors



Connection



Visualize and Store Data

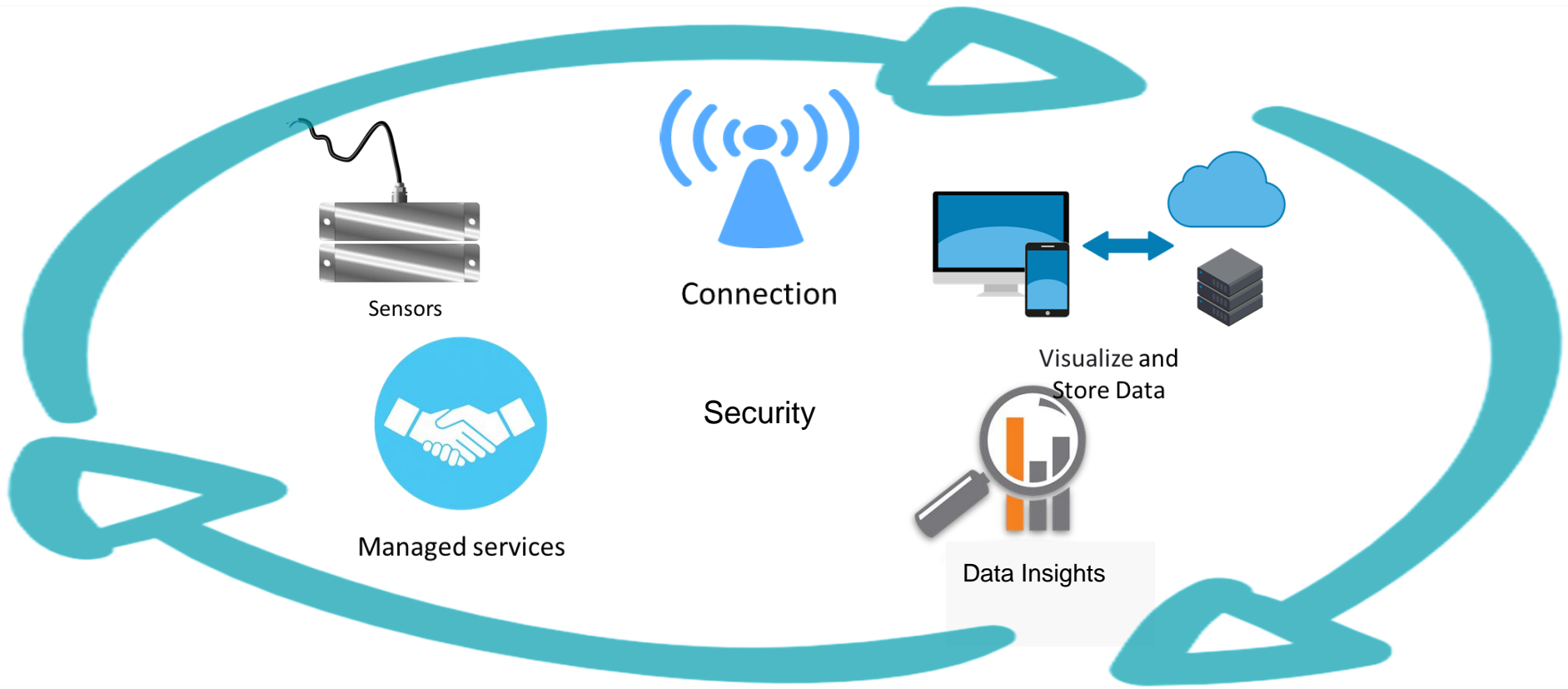


Managed services

Security



Data Insights



Lot 3a - 26 Suppliers

Small

Medium

AWTG



qol.com

abzorb



FourNet

Atos



CAPITA
Business Services Ltd

Computacenter



Gamma

Large

GCI
Enabling your future[®]

Insight

LOGICALIS

maintel

NORTH



TRUSTMARQUE

telent
talent with technology

stone
A CONVERGE COMPANY

Virgin media
BUSINESS

vodafone

XMA