



CGI SensorInsights360  
Improving the lives  
and wellbeing of citizens

**CGI**

# Challenges



Local Governments are increasingly expected to deliver more with less.

CGI SensorInsights360 is a scalable real-time data platform that delivers an end-to-end approach to IoT, asset data collection and asset management.

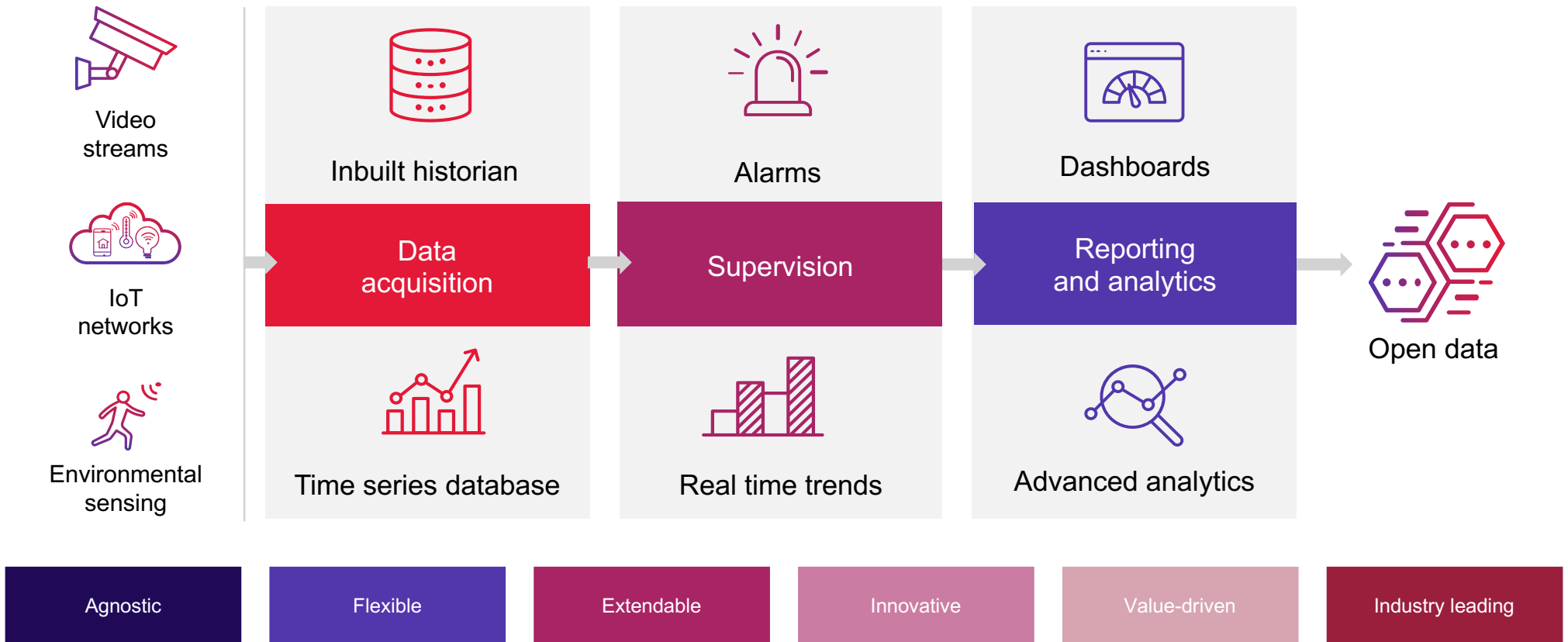
So, you can reduce the complexity of your IoT and easily identify ways to improve operational efficiency whilst proactively monitoring and managing your critical services.



# Our solution



CGI SensorInsights360 is a flexible real-time data platform that delivers an end-to-end approach to IoT, asset data collection and asset management.



# Delivering successful outcomes for organisations and citizens



## Housing

Improve health and safety at home by preventing issues before they occur.



## Roads and traffic management

Increase safety, reduce congestion, emissions and costs.



## Parking

Monitor capacity, update citizens, detect and prevent illegal parking.



## Street lighting

Improve health and wellbeing through increased public health awareness.



## Waste management

Optimise collections, reduce costs, prevent fly tipping and reduce emissions.



## Asset monitoring

Increase predictive maintenance, reduce costs by monitoring assets in real-time.



## Damp, flooding and blockages

Detect damp, flooding and blockages in real-time to reduce disruption and impact.



## Air quality

Prevent or intervene in real-time to increase safety and reduce complaints.

# Why choose CGI SensorInsights360?



CGI SensorInsights360 can accelerate your organisation's ability to start or scale your use of IoT to improve citizens' lives. Our agnostic and scalable real-time data platform delivers the following key benefits:



Creates better neighbourhoods, safer streets and reduced bills for citizens.



Improves citizen health, wellbeing and satisfaction through the optimisation of services.



Enables healthier and safer homes with increased sustainability and regulatory compliance.



Rapidly delivers measurable business value, and scale this across the organisation.



Enables real-time responses and adopt predictive and proactive operational models.



Generates new insights that inform data-driven strategic and operational plans.



Reduces costs, improve asset utilisation, and increase operational efficiencies.



Flexible, extendable solution and commercial model that is technology and network agnostic.



Product is developed and supported by trusted experts with over 40+ years experience.

# Our experience



CGI has over 40+ years improving efficiency and citizen service at the heart of local government. Highlights include:

## Enabling Edinburgh's transition to Scotland's Smart Capital City



CGI are collaborating with the City of Edinburgh Council to harness the right technology to deliver high quality services to their citizens and reach their near future goals. Our partnership empowers them with the insights, processes and tools to achieve their ambitious targets such as being net carbon zero by 2030 and bridging the digital divide in Edinburgh, providing schools with digitally advanced networks and equipment as well as enabling further efficiencies and savings.

## Using augmented reality and precision data to the relocation of a city



To enable the world's largest municipal relocation, Kiruna required a thorough understanding of the city's infrastructure. CGI created a proof of concept for the "Hidden City." Using GPS-enabled data sources, GIS data from the city, augmented reality and HoloLens glasses, the city could envision underground infrastructure in three dimensions. The Hidden City capabilities continue to be extended to smartphone technology enabling fast, precise, proactive city planning and public works management.

## Helping Nottinghamshire County Council meet changing citizen needs



Nottinghamshire County Council (NCC) works hard to serve its citizens. In 2018 alone, it maintained over 94,000 streetlights, served over 8 million meals in its schools and helped 6,645 older and disabled people daily to live at home. CGI helped NCC to consolidate its HR, finance, procurement and reporting systems into one central solution. As a result, NCC can track its costs against budget in near real-time. A major advantage for a council that provides more than 400 services to people in Nottinghamshire.

# About CGI

Founded in 1976, CGI is among the largest IT and business consulting services firms in the world. We are insights-driven and outcomes-based to help accelerate returns on your investments.

Across 17 industries in 400 locations worldwide, our 77,000 professionals provide comprehensive, scalable and sustainable IT and business consulting services that are informed globally and delivered locally.

Our commitment: Insights you can act on.

For more information visit:  
[cgi.com/au](https://cgi.com/au)



The CGI logo, consisting of the letters 'CGI' in a bold, red, sans-serif font.