

CGI SensorInsights360

Improving the lives and wellbeing of citizens

Local Authorities are increasingly expected to deliver more with less.

CGI SensorInsights360 helps councils achieve their 'smart place' ambitions and improve outcomes for their citizens. It is a scalable real-time data platform that delivers an end-to-end approach to Internet of Things (IoT) sensors, asset data collection and asset management.

This means you can avoid creating data silos and introducing operational complexity when implementing IoT solutions. SensorInsights360 will allow your local authority to easily identify ways to improve operational efficiency whilst proactively monitoring and managing your critical services.



Housing

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



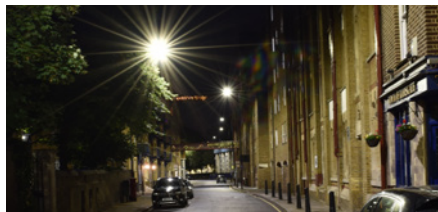
Roads and traffic management

Increase safety, reduce congestion, emissions and costs.



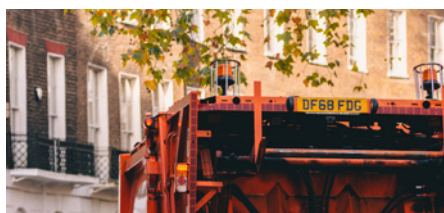
Parking

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



Street lighting

Improve health and wellbeing through increased public health awareness.



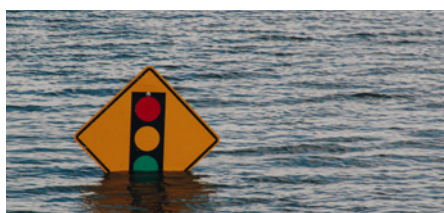
Waste management

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

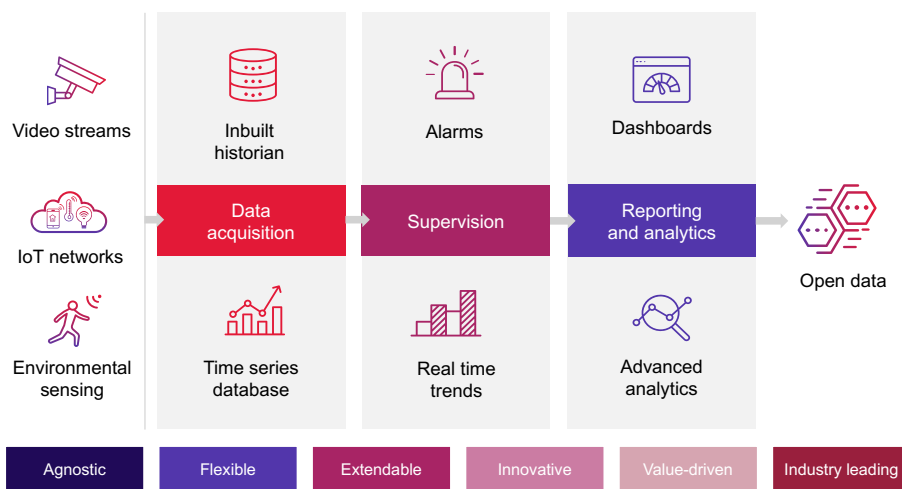
Prevent or intervene in real-time to increase safety and reduce complaints.

Key benefits

- Reduce costs through improved and real time data insights.
- Enable real-time response rates.
- Inform strategic planning to enable services and products that are aligned to citizens and consumers.
- Improve citizen and customer satisfaction.
- Improve asset utilisation.
- Increase sustainability, safety, and regulatory compliance.

Empowering Local Authorities to start or scale activities in IoT, AI, advanced analytics and automation

Following an out-of-the-box installation with minor configuration, the solution is rapidly functional on any chosen technology platform bringing immediate and tangible value.



CGI SensorInsights360 can accelerate your council's smart place ambitions, improve operational efficiency and improve citizens' lives. Our agnostic and scalable real-time data platform delivers the following key benefits:

- **Flexible deployment options** – can be deployed on the cloud, on premise or as a service and is scalable to meet the ever-increasing smart monitoring needs of organisations.
- **Sensor agnostic data ingestion** – capable of ingesting large volumes of data from a wide range of sensors, including environment sensors, IoT networks and video streams.
- **Alerting and notification** – has out-of-the-box features to generate alarms based on configurable settings to enable proactive and reactive response to critical events.
- **Data-driven advanced analytics** – has an inbuilt historian enabling high volumes of rich data to be processed by an AI engine, creating scenarios to reliably predict likely events, such as bushfire and flooding.
- **Intelligent control automation** – reliable interfaces with CGI's Remote Telemetry Units (RTUs) so that automated controls can be sent to field devices facilitating near real-time responses to critical events, both predicted and detected.
- **Flexible engagement model** – CGI offers a range of engagement models to suit the client, from a light touch approach enabled by training and knowledge transfer through to a full end-to-end "as a Service" support offering.

Insights you can act on

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 hundreds of locations worldwide, we provide comprehensive, scalable and sustainable IT and business consulting services that are informed globally and delivered locally.

For more information
 Visit cgi.com/uk
 Email us at enquiry.uk@cgi.com