

# Leverage Data to Improve City Services

## PROJECT OVERVIEW

Glasgow is integrating multiple city services on a common platform, and gathering new data to help empower its citizens to improve the city. Objectives include reducing energy costs, increasing road safety and promoting cycling to help drive health benefits.

## THE APPROACH

### Open Data Platform

Bringing together a growing collection of data streams from more than 60 different organizations into a central data warehouse. Itron is streaming lighting, traffic, noise and air quality data to the city's Open Data platform. Developers can use this data to build new solutions to address city challenges.

### Adaptive Lighting

While monitoring vehicle, bicycle and pedestrian traffic, the street lights are programmed to automatically brighten and dim depending on ambient light levels as well as how many people are in a given area.

### Standards-based IPv6 Network

Increasing ROI with multiple applications including smart streetlights and traffic control on the same network.



## CUSTOMER

Glasgow City Council

## SERVICE TERRITORY

Glasgow, United Kingdom

## GOALS

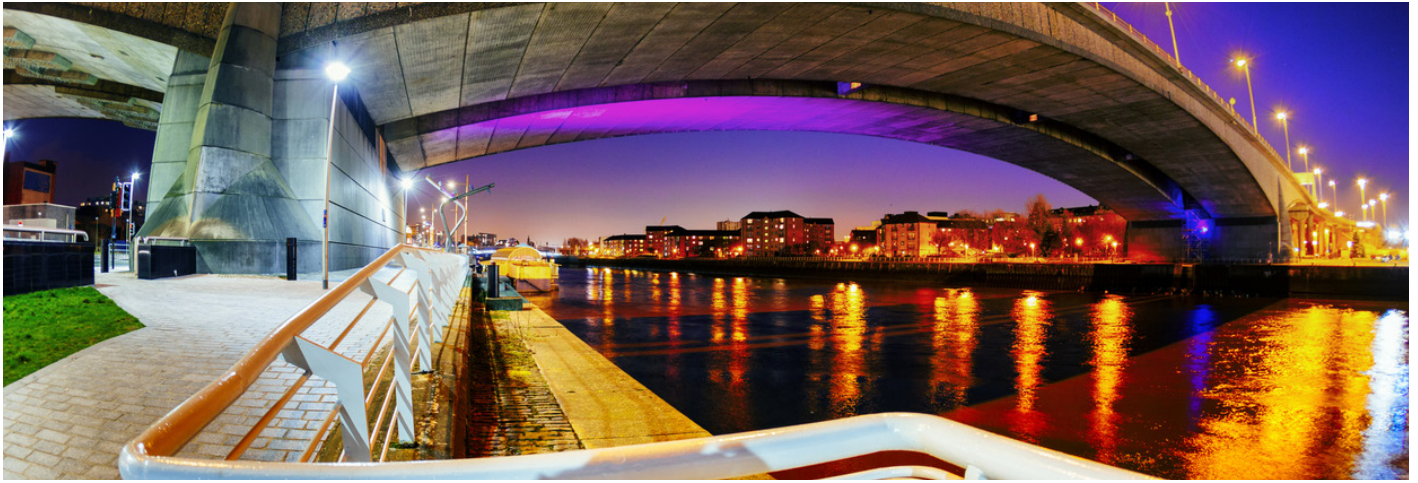
- » Reduce energy costs
- » Increase road safety
- » Promote cycling to help drive health benefits

## SOLUTION

- » Itron GenX Network Platform
- » Dynamic streetlight dimming
- » SELC streetlight control nodes
- » Urbiotica continuous noise sensors
- » Intelligent traffic cameras from Axis Communications

## BENEFITS

- » 60% energy savings
- » >2.9k data sets available through the city's open data platform



## BEST PRACTICES TO GET THERE

### Promote open data

Social media connects city leaders to its citizens more than ever. Many cities are looking to share data sets from across the city with individuals, businesses and research facilities to help improve quality of life and foster innovation.

### Encourage developers

It is hard to predict what the 'killer apps' of the smart city will be. Cities' success will require building an ecosystem of developers leveraging open standards and nurturing their ability to innovate.

### Use one network canopy for several applications

Bringing data from many devices onto a common platform enables new approaches in distributed intelligence and real time analytics.



Join us in creating a more **resourceful world**.  
To learn more visit **itron.com**

While Itron strives to make the content of its marketing materials as timely and accurate as possible, Itron makes no claims, promises, or guarantees about the accuracy, completeness, or adequacy of, and expressly disclaims liability for errors and omissions in, such materials. No warranty of any kind, implied, expressed, or statutory, including but not limited to the warranties of non-infringement of third party rights, title, merchantability, and fitness for a particular purpose, is given with respect to the content of these marketing materials. © Copyright 2019 Itron. All rights reserved. 101704CS-01 1/19

### CORPORATE HQ

2111 North Molter Road  
Liberty Lake, WA 99019 USA

**Phone:** 1.800.635.5461

**Fax:** 1.509.891.3355