



## KEY USE CASES

### COVID-19 Public Health Crisis Management

Manage outbreaks, mitigate socio-economic impact, share data-driven actionable insights, enhance engagement and “new normal” life.

### Smart Transportation and Urban Mobility

Optimal use of real-time IoT and mobile data, datasets and historical data to advance towards intelligent transport and urban mobility systems that are holistic and efficient, increase smooth rides, safety, and reduce congestion and environmental impact.

### Public Safety

Helping cities and public safety agencies to leverage smart analytics to identify and capture data relevant to homeland and national security, benefit from improved information flows, and employ IoT and AI to respond more efficiently and effectively in critical situations.

### Environmental Impact

Improving the health of residents while assisting smart cities at the civic system level to develop environmentally sustainable urban best practices and situational handling.

### Power and Energy

Utilizing real-time data and communication to efficiently manage assets and resources with sophisticated software, optimizing usage for smart lighting, generators and EV charging.

### Real-time Data Collaboration powered by Microsoft Azure

Leveraging transformational AI/ML, IoT and Cloud-Edge technologies with real-time data and advanced analytics, IPgallery’s Data Collaboration Platform & Smart City Services powered by Microsoft Azure offers a holistic data share between City, Agencies, Citizens, Businesses, and Service Providers. Implementation supports working from home and enhanced citizen engagement via a centralized Main Operation Center, and disruptive innovations for a wide cross-vertical portfolio of resilient, safe, clean, sustainable and livable smart city and urban mobility services.

### Enabling Data Collaboration

Our innovative centralized Data Collaboration Platform helps cities maintain effective and efficient operations during the “new normal”, utilizing any kind of data, from any source, in any format, any time, and anywhere —real-time and historical — for creation and sharing of intelligent data and actionable insights. While Data collaboration supports working from home (WFH) and enhanced citizen engagement, it allows addressing civic pain points by eliminating vertical and departmental data silos, and facilitates holistic progress towards being more data-driven in achieving smart and safe city goals.

### Sharing the Value of Data

Via a centralized, comprehensive and easy to use Data Collaboration Platform cities can effectively and efficiency maintain operations by sharing data-driven actionable insights with the entire urban ecosystem. Automated data validation rules and real-time AI/ML preprocessing mechanisms provide intelligent contextual privacy-sensitive data without compromising on data accuracy and reliability. Resolving existing department silos and simplifying access to intelligent data sources and streams; improves safety, transportation, public health, and other citizen and business identified pain points; and enhances communication with residents to improve their daily life in the city.

### What Our Customers Are Saying

“IPgallery’s Data Platform enabled the city to increase the transparency of city data, unlock the value of huge amounts of ongoing accumulated data, and monetize on that data through expanded service provision. Their unique holistic approach allowed for effective cross-department and cross-vertical intelligent data sharing, automated data-driven actionable insights, and improved efficiencies that significantly enhanced city operations and user experiences in day-to-day and during situations.”

– CIO of the third most populous city in the U.S.