INTRACOM TELECOM

REALIZE THE SMART CITY VISIONTODAY

THE OVERARCHING GOAL OF INTRACOM TELECOM IS TO CONTINUOUSLY LEVERAGE THE LATEST SMART CITY TECHNOLOGIES AND THE BEST PRACTICE STANDARDS, IN SUCH AN EFFECTIVE WAY THAT SUBSTANTIALLY IMPROVES THE QUALITY OF LIFE, ENHANCES LOCAL ENTREPRENEURSHIP, ATTRACTS MORE VISITORS, PROTECTS THE ENVIRONMENT AND UPGRADES THE CITY'S IMAGE.

INTELLIGENT IOT & SMART CITY ORCHESTRATION PLATFORM

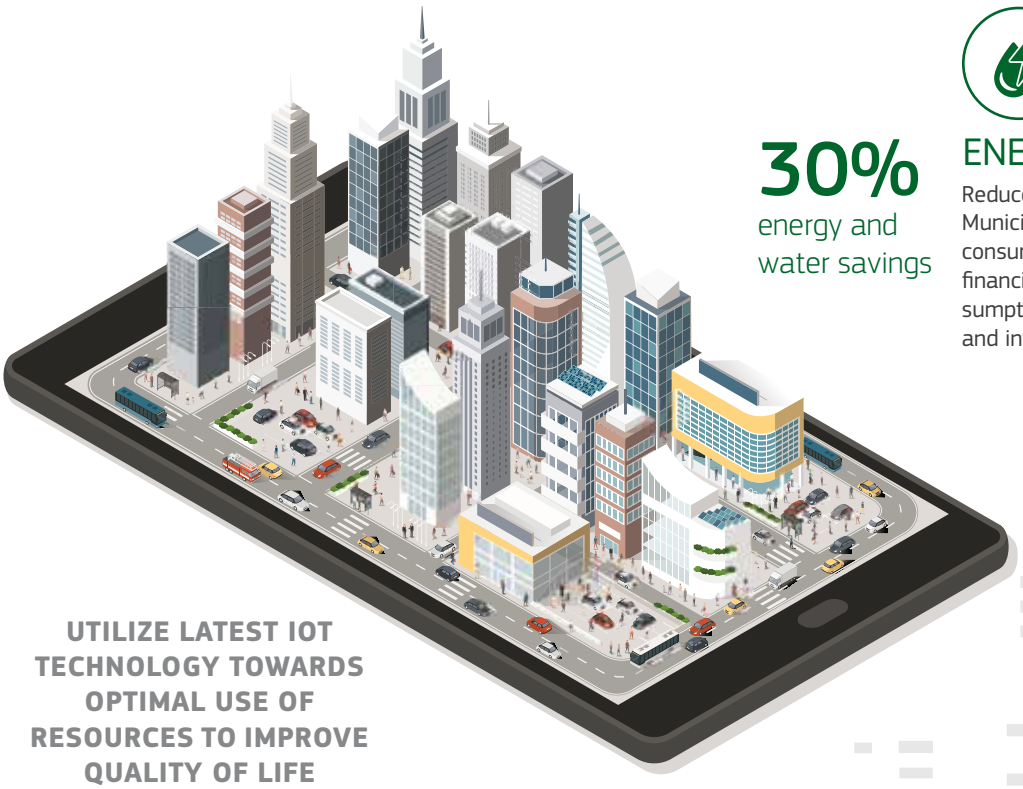
uiTOP
UNIFIED IOT PLATFORM

Blend all the functions and features of a Smart City into a unified IoT orchestration platform, with an open architecture ensuring integration with multiple vertical domains, regardless of their connectivity technology. Intracom Telecom's in-house developed solution, uiTOP™, focuses on the enablement of applications in several vertical domains within the Smart City area as well as the Energy & Utilities Sector. Furthermore, the exposure of a unified API, significantly simplifies the integration with any vertical and/or cross-domain application, either in-house or 3rd party.

75%
savings on power and maintenance

SMART LIGHTING

Modernize all municipal lighting with IoT-controlled low-energy LED luminaires with extremely low operating and maintenance costs. Existing lighting is highly energy-intensive and requires constant inspection for damage, retaining of big spare parts stock, staff and vehicles, most commonly with quite poor results. The low power consumption and long life of the LED lighting combined with the automatic fault diagnosis, ensures both the uninterrupted and top-quality operation and the resulting security, at the lowest possible operating cost.



30%
energy and water savings

ENERGY & WATER

Reduce the environmental footprint of the Municipality by reducing energy, fuel & water consumption and saving the corresponding financial resources. Identify important consumptions and estimate savings potential and intervention costs.

UTILIZE LATEST IOT TECHNOLOGY TOWARDS OPTIMAL USE OF RESOURCES TO IMPROVE QUALITY OF LIFE

SMART PARKING

20%
less traffic and pollution

Reduce traffic congestion and make better use of both on-street and off-street parking spaces. Wireless parking sensors and information systems guide citizens, dramatically reducing traffic congestion in the city center, increasing commercial traffic and improving the daily experience of citizens and visitors. Next step is the generation of revenue, with minimal policing costs due to automatic violations detection.

WASTE MANAGEMENT

30%
reduced management costs

Optimize waste management and recycling. Automatic and continuous recording of filling levels in all type of waste bins just by installing compact, intelligent IoT sensors. Prevent overfilling and ensure clean and hygiene public spaces. In addition, customized collection service management dramatically reduces associated costs, traffic load and local environmental charge.

ENVIRONMENTAL MONITORING

10%
pollution reduction

Municipal environmental stations (measuring pollutants, noise, micro-climate etc.) with open data access to citizens and automatic, real-time alerting. Continuous collection and storage of measurements with unlimited possibilities for further exploitation of historical data.

TRAFFIC MONITORING

25%
reduced traffic

Continuously measure and statistically process traffic in heavy loaded areas, with open data access to citizens and utilization of technologies that comply with personal data protection regulations. Exploit measurements by calculation journey times and redirect traffic through real-time displays.

PUBLIC WI-FI

40%
more engaged citizens

Extend and enhance the free Wi-Fi access zones. The strengthening of the existing network and its gradual geographical expansion improves both the daily lives of the citizens and the visitors' satisfaction. Promotional opportunities can be leveraged, in conjunction with the city's commercial world, through the open Wi-Fi network connection initiative.

ELECTRONIC GUIDES

30%
higher visitor satisfaction

Develop electronic guides for citizens and visitors depending on their location in the city. Installation of QR marks in attractions and shopping areas, in collaboration with city operators. All visitors, using just their smart devices (smartphones & tablets), will receive immediate information on each attraction and point of interest. In addition, there is the possibility of utilizing modern technologies of displaying targeted content on smart devices, in order to enhance advertising and competitiveness of commercial stores.

Figures on benefits refer to specific successful cases and are expected to vary based on local conditions.

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About Intracom Telecom

Intracom Telecom is a global telecommunication systems and solutions vendor operating for over 40 years in the market. The company has become the benchmark in fixed wireless access and it successfully innovates in the 5G/4G wireless fronthaul, backhaul and small-cell SON backhaul international arena. Intracom Telecom offers a comprehensive revenue-generating software solutions portfolio and a complete range of ICT services, focusing on IoT, SDN/NFV, Big Data analytics & data-driven intelligence, and Smart City solutions. The company also addresses the Energy & Utilities industry, emphasizing on smart metering & end-to-end IT solutions. Intracom Telecom is also active in the defence systems sector providing security integrated systems for critical infrastructure protection and border surveillance. The company has extensive know-how and a proven track record serving more than 100 renowned customers in over 70 countries. Intracom Telecom maintains own R&D and production facilities, and operates subsidiaries worldwide.