AUGMENTED CITY

MORE TECHNOLOGICAL, RESILIENT, INCLUSIVE CITIES

Technology, finance and solutions at the service of citizens, the local economy and the environment.

WHO ARE WE?

Municipia is part of the **Engineering Group**, one of the main players of the digital transformation of companies, public and private organizations, with over 12,000 employees in over 40 offices in the world.

WHAT WE DO?

Municipia is the partner for the digital transformation of cities of all sizes for which it creates innovative services through private investments and absorption of the operational risk by acting on financial and environmental sustainability, safety, mobility, welfare and interactivity. The goal is to make the city more sustainable by improving public services, focusing on the experience of the person and realizing necessary actions and projects to achieve the Goals of the 2030 Agenda.

MUNICIPIA
GRUPPO ENGINEERING

OUR METHOD: PUBLIC AND PRIVATE TOGETHER TO CREATE VALUE

Municipia manages services for Authorities and citizens by achieving greater levels of efficiency, effectiveness, transparency and sustainability through digital technology. It also intervenes with **public-private partnership formulas** and **project financing**. It adds value to existing investments and technologies, making available the experience and the technological solutions of the **Engineering Group**. It intervenes both with vertical initiatives and with cross-cutting projects in order **to improve the quality of life in the city and to simplify the relationship between public administrations and citizens**. An opportunity in many respects for local governments: to limit the impact on public spending without the Authority having to take on financial risks; to reduce project implementation times, also obtaining a greater efficiency from a management point of view.

AN AUGMENTED CITY IN THE NAME OF SUSTAINABILITY: OUR AREAS OF INTERVENTION AND IMPACT OF STRATEGIES

DIGITAL WASTE

Through IoT technologies for the management of waste collection, transport and disposal, Municipia supports Municipalities, Multi-utilities and companies in the sector by fully integrating the administrative, financial and control functions with the operational and planning activities of the entire supply chain. A series of actions aimed at enhancing and protecting the environment as well as at the prevention/management of risks and critical issues.

WELFARE

Municipia offers solutions - also in outsourcing - to ensure greater effectiveness, activation of resources, control of tax evasion and avoidance, simplification of procedures, increase in essential levels of service, expansion of the catchment area and new services for a **community welfare** which translates into concrete benefits for the PA, citizens and stakeholders: knowledge of the territory and of its real economic and social needs; inclusion of the service sector in territorial planning; cost reduction and efficiency of entry items; spending efficiency measures and monitoring of the provision on the territory; implementation of the service so that it can be off ered to more citizens and be a driving force for the local economy; integration between the various sectors of the PA: from a welfare perspective to that of a project through inclusion strategies, advanced digital skills, easier access to funds, management and monitoring of the entire social framework.

REVENUE MANAGEMENT

Revenue management is not only the tool for collecting the necessary resources, but it constitutes the basis for the city's socio-economic policy decisions. Through a precise knowledge of subjects, objects and productive activities which create the tax base, the Municipality can obtain valuable information for a true **data driven governance**. The indispensable tool is a single database which allows an integrated view of the debt and credit relations, with integrated operating systems and processes, in order to further improve the performance and results envisaged by the Authority, thanks to fully digitized processes. Municipia has more than 20 years of experience in the Revenue sector thanks to systems which allow maximizing knowledge of the territory and minimizing errors.
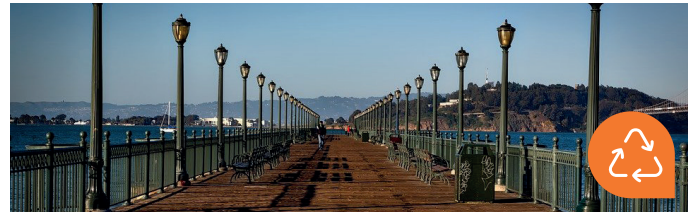
SMART MOBILITY AND LOCAL PUBLIC TRANSPORT

The Municipia's offer designs and enables Mobility as a Service and Active Transporation and Demand Management platforms strictly focused on citizens. Based on Cloud and IoT technologies, our integrated and modular suite enables innovative mobility solutions that can be also developed under public-private partnerships schemes. Our goal is an eco-sustainable and eco-efficient management in access and traffic control, parking, public transport and city logistics to unlock the growth potential of the Augmented City and enhance policymakers' city management capabilities supported by predictive, dynamic and proactive models.

ONLINE SERVICES

Municipia implements its solutions in order to accelerate the digital transformation path of local Authorities, allowing operators to access applications and services from any place and at any time and ensuring an operational continuity for the activities carried out by municipal employees and for their use via the web by citizens and businesses. In this context, the jEnte suite, simple to use, protected and customisable, is provided in the cloud according to the AGID guidelines, to rationalise, optimise and facilitate the entire management of the local Administration and its companies.

ENERGY EFFICIENCY

Innovating cities to help reduce their consumption, reduce pollution, free up economic resources and provide information and innovative services via mobile devices to citizens and businesses. Municipia offers a new system of digital public services integrated on smart lighting (public lighting) and smart buildings (schools, sports facilities, ERP Social Housing) which associates the reduction of consumption - water, electricity and heat - to new services for citizens.
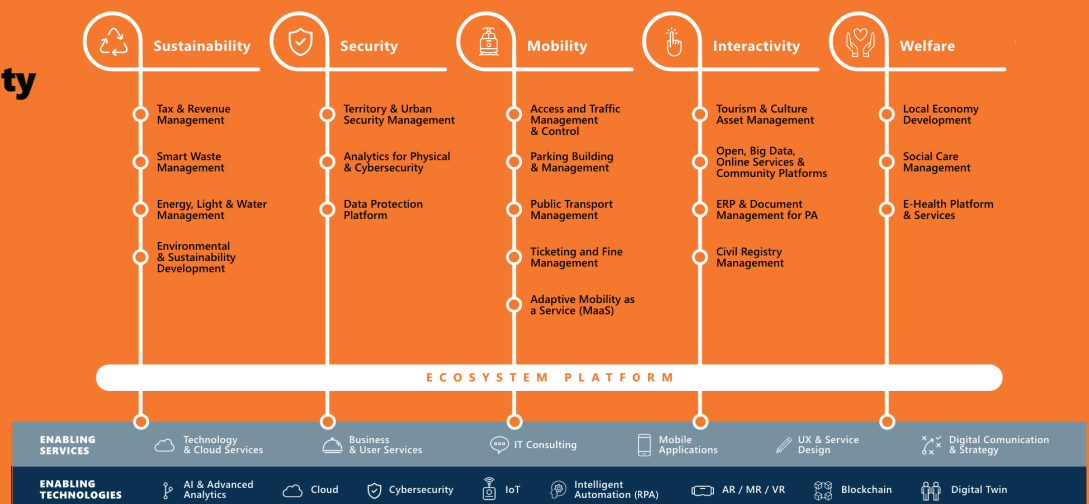
Our Portfolio for Augmented City

Sustainability	Security	Mobility	Interactivity	Welfare
Tax & Revenue Management	Territory & Urban Security Management	Access and Traffic Management & Control	Tourism & Culture Asset Management	Local Economy Development
Smart Waste Management	Analytics for Physical & Cybersecurity	Parking Building & Management	Open, Big Data, Online Services & Community Platforms	Social Care Management
Energy, Light & Water Management	Data Protection Platform	Public Transport Management	ERP & Document Management for PA	E-Health Platform & Services
Environmental & Sustainability Development		Ticketing and Fine Management	Civil Registry Management	
		Adaptive Mobility as a Service (MaaS)		

ECOSYSTEM PLATFORM

ENABLING SERVICES	Technology & Cloud Services	Business & User Services	IT Consulting	Mobile Applications	UX & Service Design	Digital Comunication & Strategy

ENABLING TECHNOLOGIES	AI & Advanced Analytics	Cloud	Cybersecurity	IoT	Intelligent Automation (RPA)	AR / MR / VR	Blockchain	Digital Twin

Discover the Portfolio Map and our Case Studies

Read the White Paper

CULTURE & TOURISM

The solutions offered by Municipia develop a new way of accessing and using tourist and cultural spaces and events, safely and even remotely. The use of enabling technologies (augmented and virtual reality) makes the story more democratic, immersive, sensorial and customisable, offering innovative ways of representing and enjoying the material and immaterial historical-cultural heritage of the community and seamless user experiences, without discontinuity in the transition between physical and virtual environments.

URBAN SAFETY

Urban security, a predominant theme in public opinion and in the political and social debate on city government, goes beyond the concept of security and public order. Municipia is able to create an infrastructure to support urban, road and social safety, through the installation of networks of sensors and cameras, smart urban furnishings, variable message panels, new generation sensors strategically positioned and capable of detecting events and recording different types of information and movements in order to analyze the phenomena of the territory more effectively and thus to support decision-making processes.

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