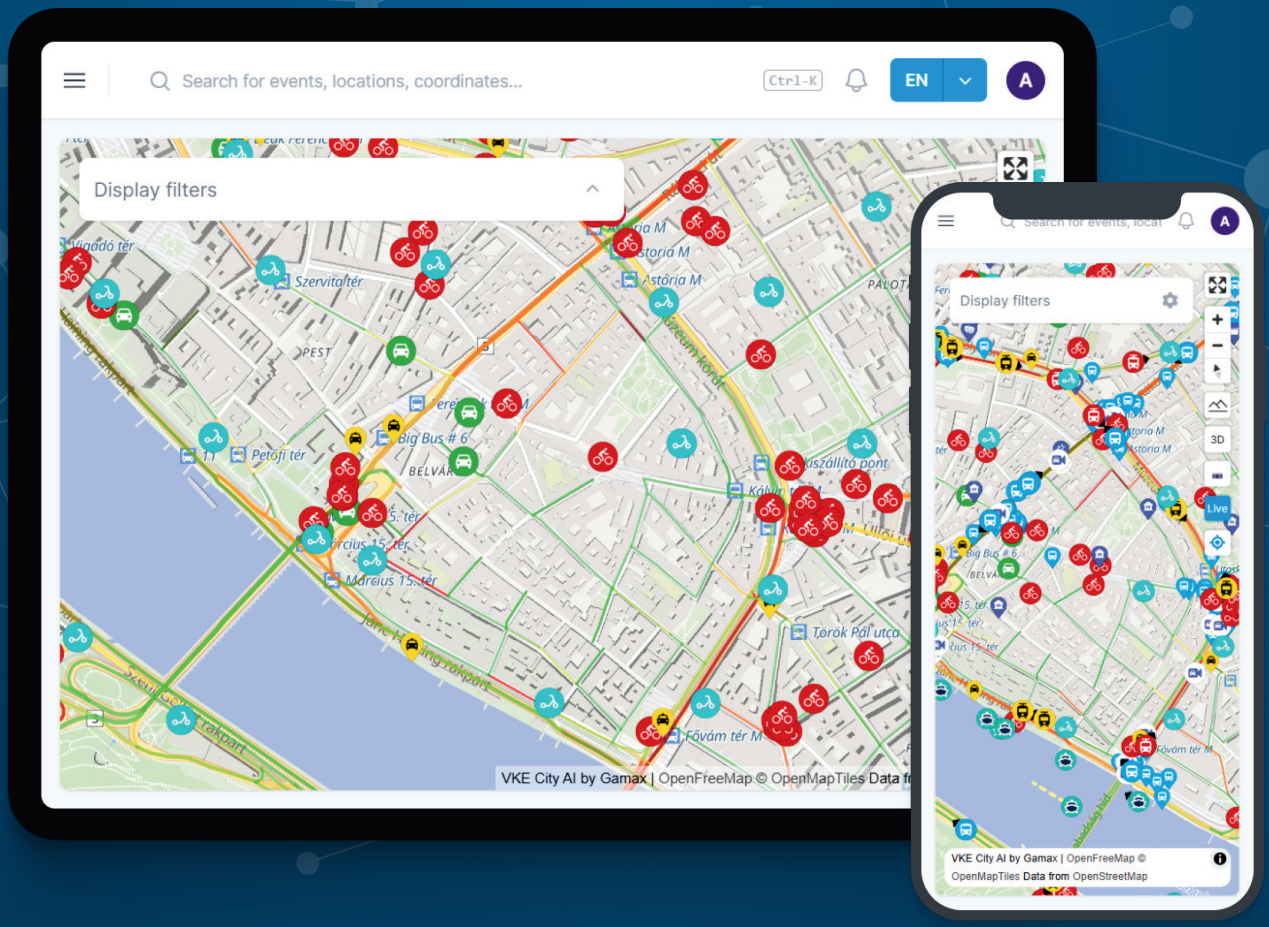
City AI

Powered by GAMAX AI

All data into a single city platform

data integration
analytics, visualization
for all municipalities

Get free demo



2025

Data integration platform for municipalities

The City Ai is a web-based data aggregator interface,

which integrates, analyzes, and visualizes disparate data, databases, and records into a single platform, thus providing strategic decision-making support for city management and operations.

#Unified data platform for optimal city management.#

Our data analysis optimizes cities' operations and increases public service efficiency. It saves municipalities time and money and makes cities more comfortable and livable.

The City AI can also monitor the city's traffic – using the city's available sensors (traffic cameras, mobile app, inductive loops, real-time data from public transport).

With our platform the cities can unite all of their systems – all of their data in one city dashboard. Therefore, Municipalities can see all relevant information about their city on one map, either in real time, historically, or through forecasts.

From the observed data, the AI module performs traffic analysis and predicts traffic and if it's necessary it recommends interventions. Our machine-learning techniques are capable of processing huge amounts of data.

We can use the existing infrastructure, City AI easily connects to any traffic controllers, CCTV – IP cameras and sensors in the city.

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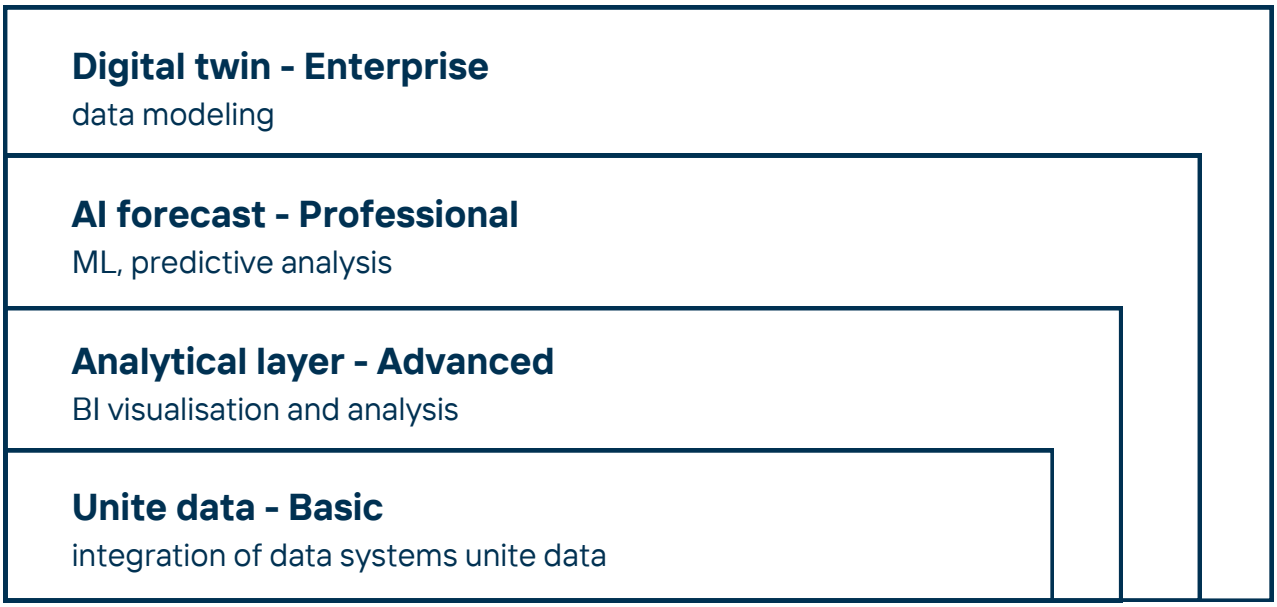
Data aggregation

We provide four levels of data accessibility

City AI is accessible and affordable for municipalities of all sizes - from villages to small towns and to large cities and counties.



City AI features

- source independent automated data collection
- real-time data analysis
- Zero CAPEX
- urban coordination dashboard
- 3 in 1 - statistics, reports and forecasts
- 4 data layers in 1 platform

Applications of city data integration and analytics I.

Data Standardization	Data from different sources may be in different formats, structures, or units of measurement. Standardizing the data ensures consistency and compatibility across datasets. This involves mapping data fields, resolving naming inconsistencies, and establishing common data standards and protocols.
Transportation Planning	Analyzing traffic flow patterns, congestion hotspots, public transportation usage, and commuting behaviors to optimize transportation networks, improve traffic management, and enhance mobility for residents
Urban Planning and Development	Using demographic data, land use patterns, and infrastructure data to inform urban planning decisions, such as zoning regulations, building permits, and infrastructure investments, to support sustainable development and growth.
Parking Monitoring	Tracking the number of vehicles entering and exiting parking lots in real-time. By analyzing video feeds, the system can accurately determine parking occupancy levels, identify available parking spaces, and provide real-time updates to drivers via digital signage or mobile apps
Violation Detection	Detecting parking violations such as illegal parking, overstaying time limits, or parking in restricted areas. When a violation is detected, the system can automatically alert parking enforcement personnel or issue automated warnings or citations to the vehicle owner.

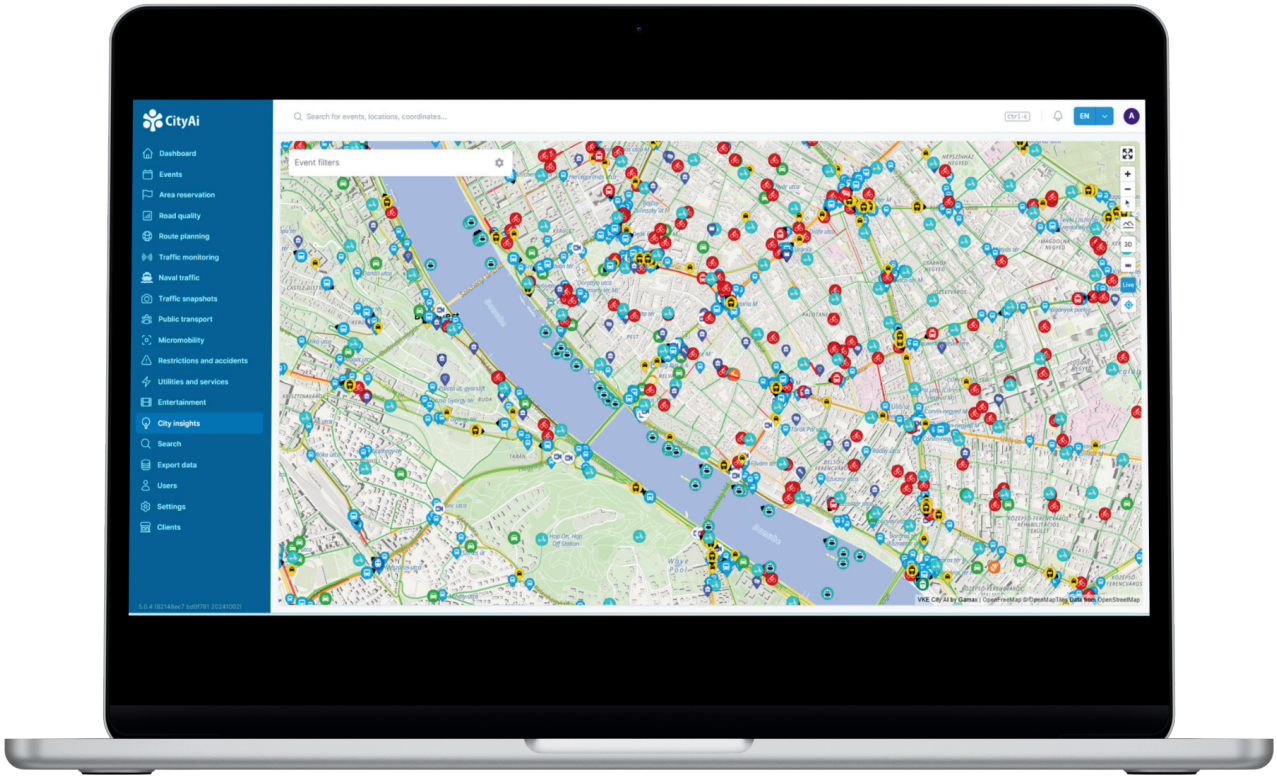
Applications of city data integration and analytics II.

Road Quality Assessment	Monitoring the quality of road surfaces by analyzing video footage for signs of wear and tear, deterioration, or unevenness. This information helps authorities prioritize road maintenance and rehabilitation efforts to ensure smooth and safe driving conditions.
Civic Engagement and Community Development	Analyzing data on civic engagement, community feedback, and participatory planning initiatives to foster collaboration, transparency, and accountability in city governance. This includes online engagement platforms, citizen surveys, and community-based decision-making processes to empower residents and strengthen civic participation
Environmental Monitoring	Monitoring air quality, water quality, noise levels, and other environmental indicators to assess the impact of urban activities on the environment, identify pollution sources, and implement measures to mitigate environmental risks and improve sustainability.
Energy Consumption Tracking	Energy analytics can track and monitor energy consumption in buildings, facilities, and industrial processes. By analyzing historical consumption data and real-time measurements from smart meters or sensor networks
Economic Development	Integrating data on economic indicators, business permits, consumer behavior, and tourism trends to support economic development initiatives and promote local commerce. This includes business analytics, market research, and incentive programs to attract investment, foster entrepreneurship, and prosperity in urban areas.

City AI dashboard

Urban Coordination

- Coordinate all the city entities in one system (contractors, public service providers, urban managers, suppliers)
- Locate teams and roadworks on the city map dashboard
- Make fieldwork clear and understandable
- Detect problems at an early stage, carry out necessary repairs on time, save resources, and avoid heavy expenses.



Data Security

- Data is encrypted in transit and at rest
- City AI cloud-based services operate in EU-based servers
- Data sovereignty belongs to the city, the data is 100% owned by the municipality
- City AI does not collect or store Non-Personal Data (NPD)
- End-user data is never processed without dedicated permission

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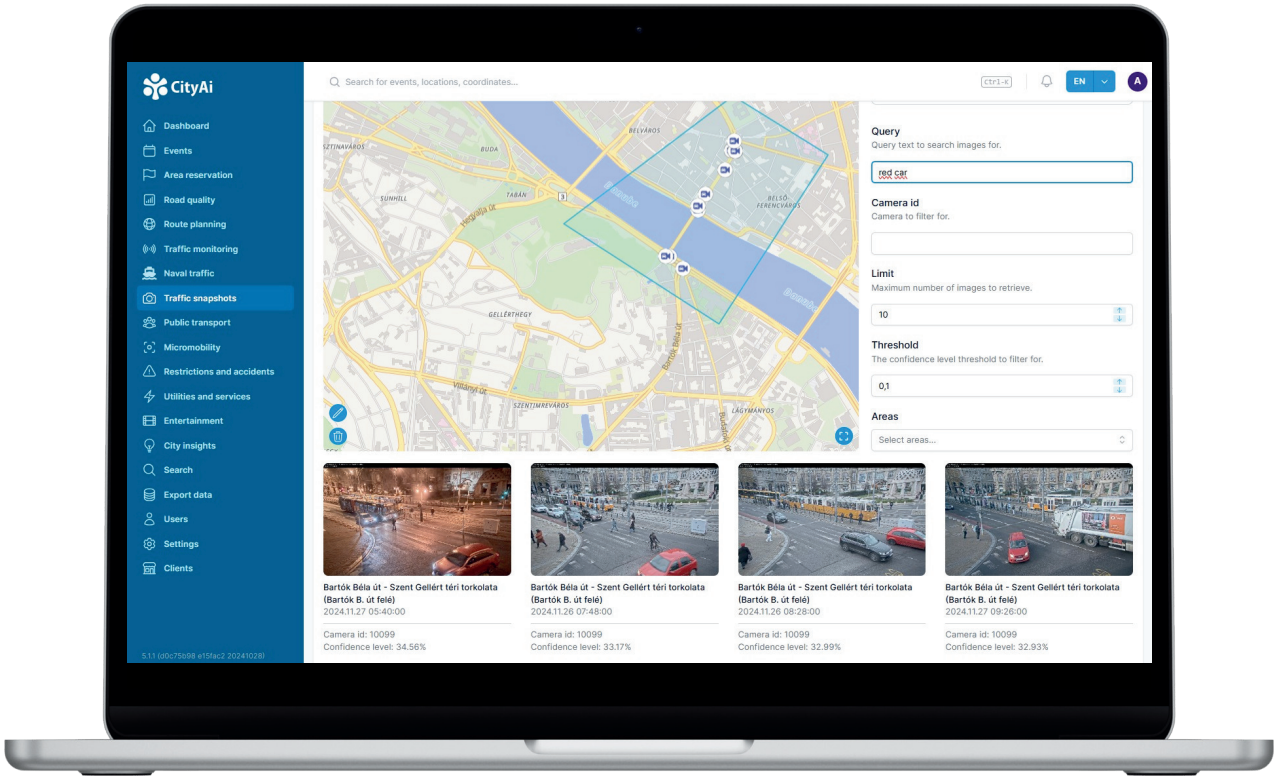
Semantic search

Semantic search is an information retrieval process that uses AI context search to provide the most relevant results to users. It interprets the user's intent, the context of the search query, and the relationships between words.

Instead of analyzing words individually, semantic search examines them individually, looking for associations and connections between different terms. Artificial intelligence also considers users' previous searches and identifies relationships between them to improve the relevance of results.



Semantic search not only identifies specific elements in an image (e.g., "car," "bicycle," "pedestrian") but also considers the context of the image and related information. For example, it can not only recognize a car in a street image but also understand that the image depicts a busy traffic scene.

Gamax AI is capable of learning, adapting, and improving over time, continuously enhancing the accuracy and efficiency of search algorithms.

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About us

GAMAX is an AI company

focused on providing solutions to companies and municipalities using computer vision and AI tools, in the fields of SMART City, SMART Parking, and River Information Services.
Equipped with an ML team, GAMAX builds deep-learning models serving several industries.
AI systems, particularly machine learning algorithms, rely on data. The more diverse and extensive the dataset, the better AI models can learn and generalize.

Gamax in brief

- in-house machine learning development
- collecting millions of daily data / historical data
- real-time city, traffic and parking AI data analysis
- traffic and parking prediction with recommended interventions
- decision-making scenarios

#The GAMAX Group operates at the highest standards of business ethics and integrity.#

We are proud of our highly qualified in-house machine learning (ML) and artificial intelligence (AI) expertise,

which can serve the data analytics needs of public and business services in multiple modules in many industries.

The goal of City AI is to offer intelligent and sustainable solutions

for the complex operational processes of the city, all through a single platform, - thereby contributing to the reduction of the carbon footprint and the further fulfillment of energy efficiency objectives.

Get In Touch

We are looking forward to City AI!

Get free demo

HQ
H-1117 Budapest, Budafoki str. 91-93. K building 5th floor

Phone
+36 30 849 4894

Website
www.gamax.hu/en/

Email
gyurkovics.antal@gamax.hu

GAMAX