

# City Wisdom Station

- C i t y   W i s d o m   S t a t i o n -





# City Wisdom Station: Efficient, Green, & Comfortable Future

The smartification of cities has awakened the need for efficient, green, and comfortable living environments. Therefore, the city wisdom stations came into being. Aligned with the development of the "Toilet Revolution" and guided by the principle of "making the world cleaner and life better," it infuses new vitality into the city with cloud computing technologies, IoT mobile internet, and big data. The innovative "1+N" modular design creates a new form of inclusive livelihood service to provide urban residents with more convenient, efficient, and intelligent service experiences.



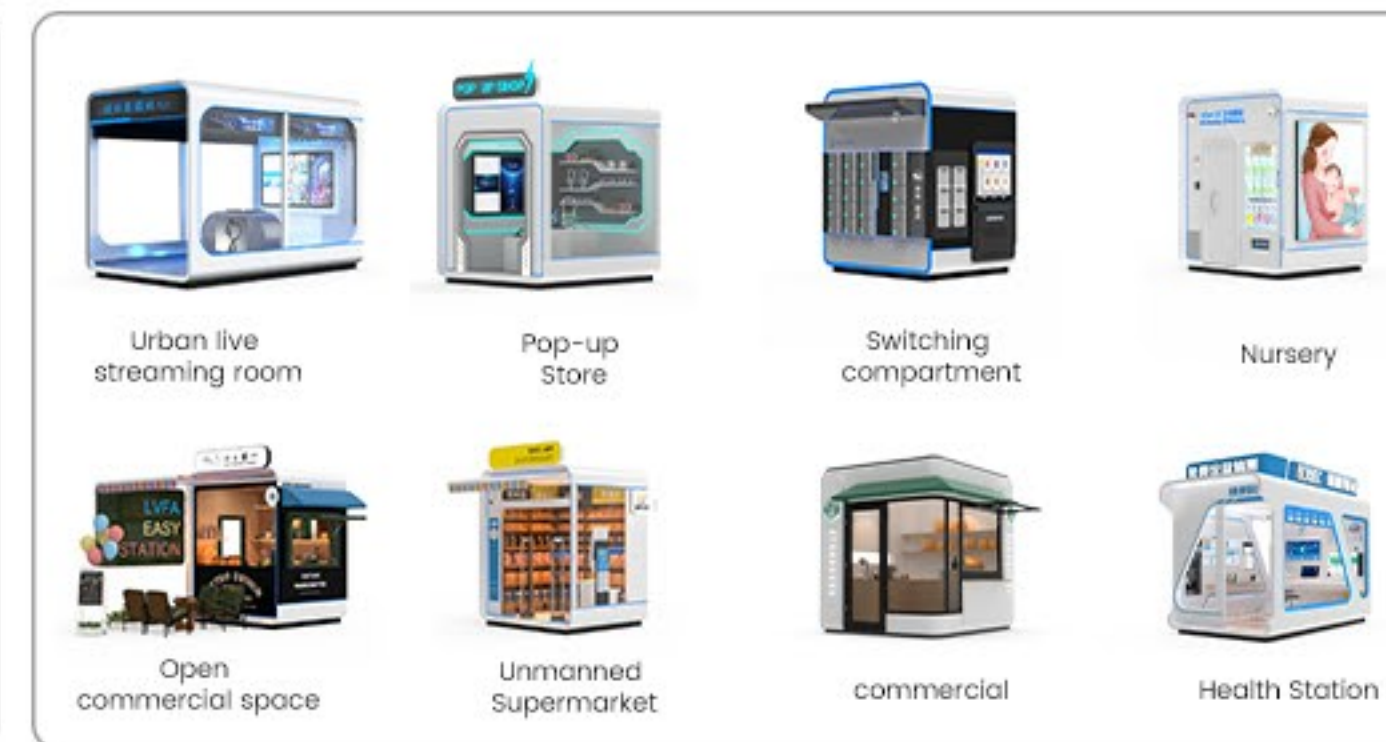


# Flexible "1+N" Modular Design

With innovative modular design at its core, the wisdom station is based on the "1+N" model, applying for various scenarios through flexible combinations. Equipped with core modules for IoT, restroom, equipment room, unmanned retail, and diverse optional modules (such as lactation room, smoking area, common room, health station, showers, and third restrooms), it is widely applicable in eight major scenarios including tourist attractions, park greenways, transport lines, central business districts, communities, city loops, events & competitions, as well as emergency response. By integrating different themed livelihood and commercial scenarios, the wisdom station creates versatile spaces for urban residents, meeting basic needs while providing diverse and convenient services.



1+N modular design



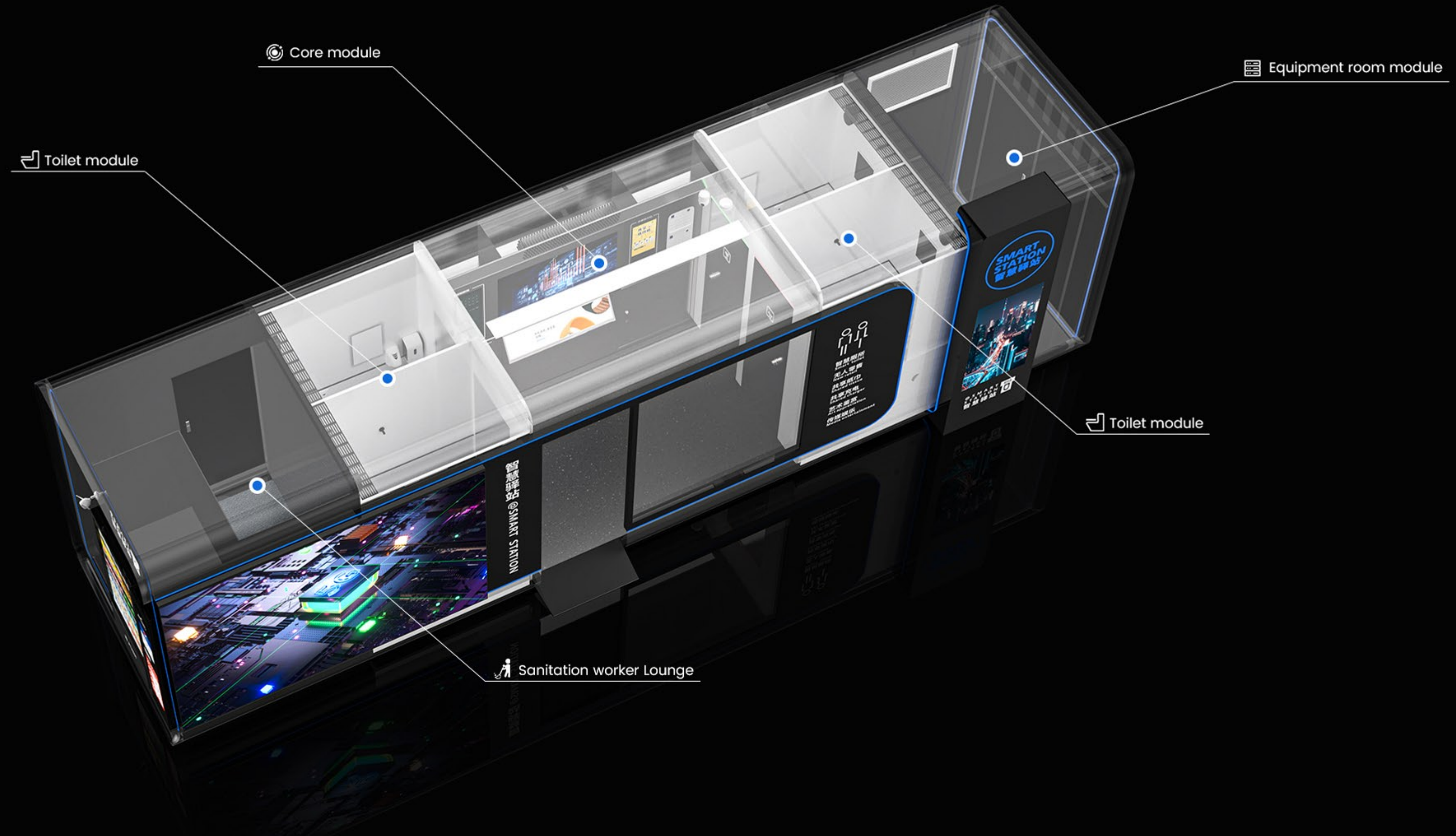
Intelligent application in different scenarios





# Advanced Technology for Smart Interaction

The city wisdom station incorporates advanced smart technologies, both equipped with multiple intelligent devices inside and out. It integrates multi-screen interaction, a smart station data platform, a multi-functional smart restroom, and a waste disposal system. Embracing a sharing concept, it introduces various business models including unmanned retail and shared products. Citizens can rent shared devices through the mobile app. Central to its operation is the core concept of shared IoT. By linking to the central monitoring platform through the IoT cloud platform, effective interaction between citizens and the smart city is realized. The wisdom station, as a digitalized new infrastructure, contributes significantly to the development of a smart city and intelligent living.



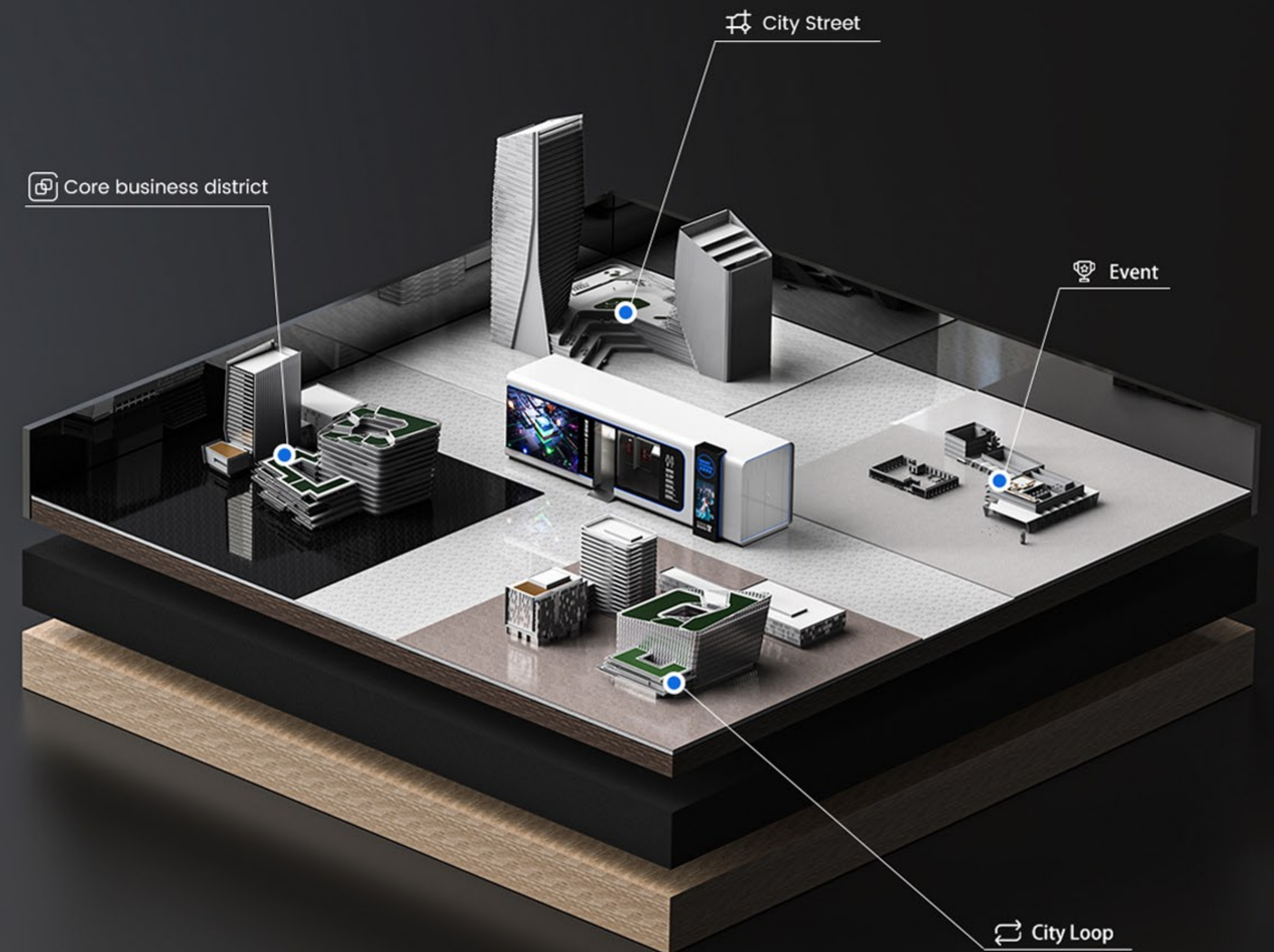


# Sustainable Future, Endless Expansion

The wisdom station possesses the capability for sustainable upgrades, with boundless potential for expansion. It not only features Multi-station interconnection system and Edge smart management system (including intelligent security systems, environmental monitoring, equipment operation management, and multimedia management), but is also ready to further expand functionalities such as public service data, unmanned control system data assistance, base station signals, and 5G+ satellite signals in the future. This will enable it to play an even greater role in the process of urban intelligence.



Smart stations with sustainable upgrading capabilities







## Perfect Fusion of Intelligence & Environmental Protection

City wisdom station actively practices the concept of environmental protection and energy conservation through three core technologies: foam micro-water flushing technology can reduce toilet flushing water usage by 80%, vacuum suction technology uses pressure difference to remove waste, simultaneously conserving water resources and eliminating odors. Also, the one-piece pre-treatment technology for fecal waste involves steps of solid-liquid separation, anaerobic buffering, aerobic treatment, MBR membrane, and sterilization, making it achieve urban sewage discharge standards. The separated sludge serves as organic fertilizer, minimizing its environmental impact, and fulfilling the brand's social responsibility in ecological protection and resource conservation.



Foam micro water  
flushing technology



Vacuum suction  
technology



Integrated technology  
for manure pretreatment