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**Urban operation, management and service platforms - Part 1:
Terminology and symbols**

城市运行管理服务平台 第1部分：术语和符号

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1 Scope

GB/T 47678.1-2026 is the Chinese national standard covering the vocabulary and the symbols of a city operation platform - the terms for the components monitored, the events, the cases and their handling, and the graphical symbols used on the operator's screens. Part 1 of the series, the one to read first: Parts 2, 6 and 8 are written against it. First edition, in force since 1 July 2026. It was issued on 25 May 2026 and has been in force since 1 July 2026, as a first edition. The document is under the responsibility of the Ministry of Housing and Urban-Rural Development. This page is published from the official record of the 2026 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

2. These offices are generally located within urban management departments, housing and urban-rural development departments, or in the municipal party committee office or government office. The establishment of a substantive urban management office and urban operation management service... The command center (3.1.10) operates jointly; the non-physical urban management office relies on the urban operation management service command center (3.1.10) to carry out its work.

3.1.9 Urban Operation, Management and Services Supervision Center Established by provincial-level housing and urban-rural development, urban management, and other departments, it is responsible for the normal operation of the "one committee, one office, one platform" work system and for supervision and guidance. An organization that guides urban operation management services.

Note. "One Committee, One Office, One Platform" refers to the Urban Management Coordination Mechanism (3.1.7), the Urban Management Coordination Mechanism Office (3.1.8), and the Urban Operation Management Service Platform. Service platform (3.1.6).

3.1.10 Urban Operation, Management and Services Command Center Established by the city's Party committee and government or municipal departments such as urban management, housing and urban-rural development, responsible for the "one committee, one office, one platform" work system It is an organization that operates regularly and is specifically responsible for command and dispatch, coordination and service, supervision and assessment, and other related work.

3.1.11 urban facility component Within a city, it refers to all kinds of physical facilities set up to ensure the normal operation of the city and realize its core functions.

Note. Urban components are the main objects of urban management, covering management components (3.1.11.1) and monitoring components (3.1.11.2).

3.1.11.1 Management Assets The term refers to the collective facilities related to municipal utilities, urban sanitation, and landscaping within the urban management area.

3.1.11.2 monitoring asset Within the urban management area, physical objects that require dynamic monitoring include municipal facilities, buildings, transportation facilities, and densely populated areas. General term.

Note. IoT sensing devices are deployed in key structures or important locations of the monitored components.

3.1.12 Matter If the damage is caused by human or natural factors, the relevant urban management authorities (3.1.30) are required to handle, maintain, and restore the area to its normal state. The phenomenon or behavior of.

3.1.13 event This could seriously disrupt the normal production and daily life order of the city, requiring the relevant urban management authorities (3.1.30) to take emergency measures and eliminate the hidden dangers. (3.2.8) and the phenomenon or behavior of restoring normal order.

3.1.14 Basic grid Based on large-scale urban geographic data, and according to the needs of urban operation management and service work, the area was demarcated according to prescribed principles and with clear boundaries. Clear polygonal regions.

Note. The area of a single grid cell is approximately 10,000 m².

3.1.15 Management Grid Based on the unit grid (3.1.14), and according to the needs of urban operation management and service work, combined with the actual situation of grid members' patrols and inspections, in accordance with regulations... The principle is to integrate several unit grids (3.1.14) to form a polygonal region with clear boundaries.

2 Normative references

This document has no normative references.

3.1 Basic General Terminology

3.1.1 urban built-up area Areas within the city's administrative districts that have been developed and constructed in large-scale areas and have basic municipal and public utilities. [Source:

GB/T 50280-1998, 3.0.6, with modifications]

3.1.2 Management of municipal public utilities and facilities The facilities and ancillary facilities within the urban built-up area (3.1.1) including gas, water supply, drainage, heating, roads, bridges, tunnels, integrated utility tunnels, and urban lighting. Management activities such as the operation, maintenance, and supervision of facilities.

3.1.3 Urban appearance and environmental sanitation management Management activities such as operation, maintenance and supervision of urban appearance and environmental sanitation within the urban built-up area (3.1.1).

3.1.4 Landscaping and greening management Management activities including operation, maintenance, protection and supervision of various green spaces, garden plants and facilities within the urban built-up area (3.1.1).

3.1.5 Comprehensive law enforcement for urban management In accordance with laws, regulations, and rules, the city management authority shall exercise administrative enforcement powers, including administrative inspections, administrative penalties, and administrative enforcement measures, and shall conduct... Comprehensive management and law enforcement actions.

Note. Abbreviated as "Comprehensive Law Enforcement".

3.1.6 Urban Operation, Management and Services Platform Relying on next-generation information technologies such as the Internet of Things, big data, artificial intelligence, cloud computing, and modern communications, and focusing on the "safety, resilience, and health" of urban operations... The goal is to achieve "cleanliness, tidiness, and order" in urban management and "efficiency, precision, and satisfaction" in public services (3.4.1), with urban operation management services as the core. Using "network-based unified management" as a means, it focuses on the scientific, refined, and intelligent management of urban operations, management, and services, possessing the functions of overall coordination, command and dispatch, and monitoring and early warning. A government information platform with functions such as police presence, supervision and assessment, comprehensive evaluation (3.4.2), and decision-making recommendations.

Note 1. "Unified Management Network" refers to optimizing the urban management system and processes, and integrating them, based on new-generation information technology and the fundamental support capabilities of digital government. The urban operation management and service-related information system constructs a comprehensive,

closed-loop digital governance model that extends horizontally to all areas and vertically to the core, enabling a sense of operational status. The system integrates full-process management including health monitoring, vital sign monitoring, unified event handling (3.3.4), and intelligent dispatch and command, promoting the convergence of various regional business information on a single platform. "Gather" refers to centralized processing and unified decision-making. Note

2.The city operation management service platform is divided into the national platform (3.1.6.1), the provincial platform (3.1.6.2), and the municipal platform (3.1.6.3).

3.1.6.1 National platform for urban operation, management and services Vertically, it achieves interconnection and interoperability with the provincial platform (3.1.6.2) and the municipal platform (3.1.6.3), and horizontally shares relevant national and international information on urban operation management services. Data from relevant government agencies will be integrated or connected with other relevant information systems of the national housing and urban-rural development management department to gather data on urban operations nationwide. Management service data resources are used to provide business guidance, supervision and inspection, and risk (3.2.7) analysis for urban operation management and service work nationwide, and to command and dispatch... The government information platform for degree and comprehensive evaluation (3.4.2).

Note. Abbreviated as "National Platform".

3.1.6.2 Provincial-level urban operation, management and services platform Vertically, it is interconnected with the national platform (3.1.6.1) and the municipal platform (3.1.6.3), and horizontally, it shares urban operation management services with relevant provincial departments. It integrates or connects relevant data from provincial housing and urban-rural development management departments to gather data on urban operation management services across the province. Data resources are used to provide business guidance, supervision and inspection, risk (3.2.7) analysis, command and dispatch, and comprehensive services for urban operation management and services throughout the province. Evaluation of the e-government platform (3.4.2).

Note. Abbreviated as "provincial platform".

3.2 Urban Operation Terminology

3.2.1 Urban Operations Information Data on the city's operational status and various events are dynamically collected through manual inspections, intelligent sensing devices, and monitoring systems (3.1.13). information.

3.2.2 alarm threshold value To promptly detect abnormal changes in monitoring indicators and prevent gas explosions, water pipe bursts, heating pipe bursts, road collapses, urban flooding, and bridge collapses. When events such as (3.1.13) occur, the safety operation boundary values of various monitoring parameters are set.