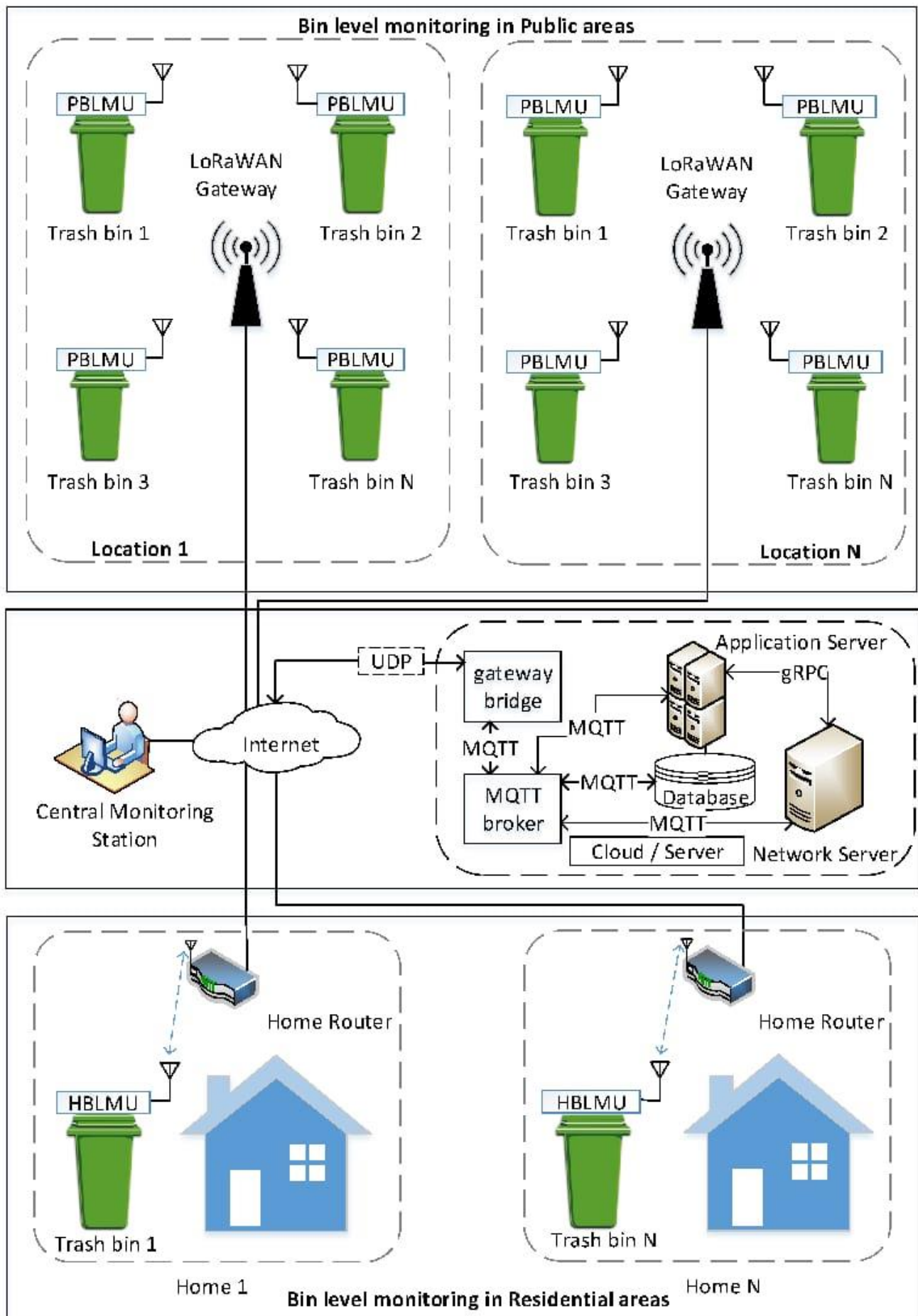


# SMART WASTE MANAGEMENT SYSTEM FOR METROPOLITAN CITIES

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## Data flow diagram

- A data flow diagram system is implemented throughout the city. This is a centrally controlled system which finds locations of several waste bins.
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- These sensors constitute a smart waste bin system to send information like level of smart waste bin and locations of the smart wastebins. the flow of collected data is shown.
- Send waste collector at that location Store data band analysis found to be above than a prescribed danger level, an alert system is generated and the subsequent message is circulated and broadcasted to all the concerned cities.
- The implementation of the model consisting of sensors.
- Predominantly composition of Information and Communication Technologies (ICT) and the Internet of Things (IoT) is an innovative city environment.
- It develops, deploys, and promotes sustainable development to address growing urbanization challenges in smart applications such as computational power, communication bandwidth, and others.
- ICT is an intelligent network of connected objects and machines; it has an essential role in communicating the data to the cloud with various wireless technology such as Wi-Fi, Bluetooth, Global Position System (GPS), and Cellular Communication environment



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