

# Milesight Unveils Smart Restroom Occupancy Management Solution to Enhance Facility Efficiency and Customer Experience

XIAMEN, FUJIAN, CHINA, May 16, 2025 /EINPresswire.com/ -- In response to growing demands for more efficient facility operations and improved public hygiene, Milesight has launched a Smart Restroom Occupancy Management Solution designed to help property managers optimize restroom usage and deliver a more seamless experience for users.

## Addressing the Challenges of Traditional Restroom Management

High-traffic venues such as shopping malls, office buildings, and transportation hubs often face restroom congestion, delayed cleaning, and user dissatisfaction. Traditionally, restroom maintenance has relied on manual inspections and fixed schedules, which frequently results in inefficient service and poor sanitation standards.

Issues such as uncertain restroom availability, unnecessary waiting times, and reactive management practices have long posed operational challenges to facility teams and impacted overall user satisfaction.

## Technology-Driven Restroom Management

The new solution from Milesight leverages advanced people-counting sensors to deliver real-time occupancy data. This allows facility managers to:



The graphic is divided into two main sections. The top section, titled 'SMART RESTROOM OCCUPANCY MANAGEMENT', features a photograph of a modern restroom with a blue overlay. It includes the Milesight logo, the text 'People Sensing in Optimizing Environmental Resources and Workforce Allocation', a QR code, and a disclaimer: 'Note: This image is AI-generated and does not involve any privacy infringement.' The bottom section, titled 'smart restroom occupancy management', shows a 3D isometric diagram of a restroom. Various sensors are labeled: VS135, VS121, VS133, WS301, WS201, GS301, and VS350. These sensors are connected to a central system that includes a 'Cloud' icon, an 'IoT Display', a 'Web App' on a laptop, and a 'Door Lock/Status Gateway'. At the bottom, contact information is provided: Tel: +86-592-5085280, Web: www.milesight-iot.com, Email: lot.sales@milesight.com | lot.support@milesight.com, and another QR code.

- Monitor restroom usage accurately
- Trigger cleaning based on actual usage
- Adjust supply replenishment in a timely manner
- Minimize unnecessary labor and operational costs

The occupancy solution also integrates seamlessly with environmental sensors, monitoring indoor air quality, lighting conditions, soap levels, and

potential water leaks. By combining people sensing with environmental insights, the system enables a cleaner, safer, and more responsive restroom environment.



### Benefits for Property Operators and End Users

For users, the solution ensures better access to clean facilities, significantly reducing wait times and enhancing overall comfort. For property operators, the data-driven approach leads to optimized maintenance schedules, reduced costs, and improved tenant satisfaction. Moreover, enhanced restroom management contributes to the perceived value of a property, potentially increasing its leasing competitiveness and operational reputation.

### A Step Forward in Smart Building Innovation

The release of this solution reflects Milesight's broader commitment to smart building innovation. By applying technologies such as AI, IoT, and 5G to real-world challenges, the company continues to enable data-driven decisions that improve operational efficiency and user experience across various sectors.

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