



People Counting Solution using OmniWOT

Challenges in Managing Occupancy & Foot Traffic

Inefficient Space Utilization

Without accurate data, spaces may be underused or overcrowded.

Manual Counting & Inaccuracies

Traditional counting methods are labor-intensive and prone to errors.

Safety & Compliance Issues

Overcrowding can violate safety regulations and affect emergency response planning.

Lack of Real-Time Data

Facilities need instant occupancy data to make informed decisions.

OmniWOT's Smart IoT Solution

OmniWOT's wireless, cloud-based People Counting Solution enables businesses to monitor occupancy with precision, providing valuable insights into foot traffic trends and space optimization.

Comprehensive People Counting & Monitoring

Real-Time Occupancy Tracking

LoRaWAN-powered People Counting Sensors accurately detect and count foot traffic.

Smart Gateway Integration

Data is transmitted seamlessly via Smart Gateways, ensuring reliable connectivity.

Advanced Analytics

The Smart Counting Application visualizes foot traffic data, offering actionable insights.

Optimize Space Utilization & Enhance Safety with Smart People Counting

Tracking foot traffic and occupancy patterns is essential for optimizing space utilization, improving operational efficiency, and ensuring a safe environment. OmniWOT's People Counting Solution leverages LoRaWAN sensors to provide real-time, reliable, and data-driven insights for smarter facility management.

Types of sensors driving the People Counting Solution

- 1) People Counting Sensor
- 2) Smart Gateway
- 3) Smart Counting Application



Effortless IoT Integration with OmniWOT's Open Cloud Platform

OmniWOT's Open Cloud Platform is designed for seamless connectivity, enabling **Wireless IoT sensors to effortlessly onboard via LPWAN/LoRaWAN Gateways**.

With a **hardware-agnostic architecture**, it supports a broad range of IoT devices, providing **scalability and flexibility** for diverse applications.

Unlock real-time monitoring, smart automation, and data-driven insights with minimal setup effort, making IoT integration more efficient and future-ready.



Simple, Clear & Timely Alerts

Occupancy Alerts

Notifications when a space reaches capacity, preventing overcrowding.

Peak Hour Insights

Identifies high-traffic periods for better resource allocation.

Space Optimization Reports

Helps businesses make data-driven decisions on space utilization.

Key Benefits of OmniWOT's People Counting Solution

- ✓ **Accurate & Reliable** – LoRaWAN sensors provide real-time, precise occupancy data.
- ✓ **Enhanced Safety & Compliance** – Prevents overcrowding and supports emergency planning.
- ✓ **Optimized Space Utilization** – Helps maximize facility efficiency.
- ✓ **Scalable & Cost-Effective** – Wireless deployment for easy integration and expansion.

Transform Occupancy Management with OmniWOT's IoT Solution

OmniWOT's advanced People Counting Solution delivers real-time analytics, smart automation, and efficient facility management, ensuring optimized space usage and enhanced safety.

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Innovate, Integrate & Empower

omniwot.com | +91 75502 28044 | info@omniwot.com

OmniWOT Technologies Private Limited, 103, Tower 5,
L&T Raintree Boulevard Bellary Road,
Byatarayanapura, Bengaluru, India-560092.

