

Pathway®

a smart public toilet with a shop



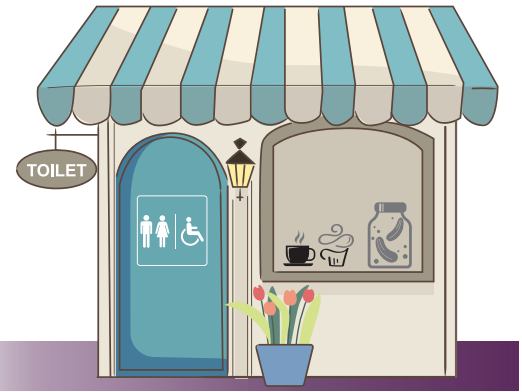
Transforming Sanitation Solutions



COSMOVEND
automations private limited

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Cosmovend Automation Private Limited is at the forefront of innovation, designing products that improve life in both private and public spaces. Our Pathway® brand delivers attractive, portable easy-to-install public utility structures, ideal for streets and high-traffic areas.



Cosmovend's Vision

At Cosmovend, we integrate smart and intelligent solutions to enhance customer satisfaction across all our products. Managing public toilets, especially in unmanned areas, is challenging. Combining these facilities with commercially viable shops and other utilities ensures sustainability and creates jobs for local vendors or community groups like Self Help Groups.



Our proposal revolutionizes public sanitation and introduces a sustainable livelihood model for public utility services. Imagine public spaces where state-of-the-art smart toilets coexist with small operational and maintenance support shops, creating a self-sustaining ecosystem. Relocating these utility spaces efficiently during road widening projects saves both time and costs.



Public-Private Partnership (PPP) models are crucial for the installation and maintenance of these services. Our vision is to create beautiful cities with prefabricated, designer public infrastructure for utility services.

Pathway® Smart Public Toilets with Commercial Shops

Our intelligent public toilet, the IPtoilet®, is an automated smart solution that addresses key management challenges.



Features include:

- Self-Cleaning and Maintenance: Ensures high hygiene standards.
- Remote Monitoring: Centralized cloud software for efficient management.
- Cost Reduction: Detects resource misuse and plumbing leaks, promoting water-saving techniques.
- User Dignity: Enhances the experience for all users.
- Environmental Sustainability: Optimizes resource usage and safeguards public health.

Why Pathway® ?

The Pathway® model integrates an IPtoilet® with a commercial shop in a 4-meter by 2-meter portable structure. This model addresses public toilet management challenges by leveraging revenue from the adjacent shop. The combined facility provides roadside access to public toilets and commercial space, ensuring sustainability and maintenance funding. Government oversight via online software ensures usage monitoring, cleanliness, and hygiene standards. Local self governments can ensure revenue from advertisement, shop rent or E V charging stations for operation and maintenance of public toilets.



The Pathway® model revolutionizes urban sanitation, expanding access to public toilets supported by robust maintenance practices.

Smart Public Toilets Features:

- Smart and disabled-friendly
- WiFi internet
- Remote monitor-
- Public information

Smart Bus Shelters:

Combining a smart toilet with a bus shelter enhances urban convenience, integrating advanced features like automatic flushing, seat sanitization, and health monitoring. These facilities optimize public space use, improve safety through emergency features and surveillance, and enhance public health by maintaining cleanliness. Environmentally, they conserve water and reduce operational costs over time. Integrated informational displays and connectivity options further enrich user experience, while aesthetic design contributes to urban beautification. Overall, this integration enhances community infrastructure, making public spaces more functional, sustainable, and appealing.



- Toilets, restrooms, or feeding rooms integration
- Real-time bus arrival
- Portable and factory-built, easily installable and relocatable
- CCTV system for remote monitoring and Wifi internet
- Napkin vending machines and breastfeeding rooms (optional)
- Automatic day-night detection
- Paid Electric Vehicle charging stations (optional)

By addressing the challenges of operation, maintenance, and supervision, the Pathway® model offers a viable and sustainable solution for urban public utilities, ensuring efficiency and longevity.



Pathway® Key Advantages:

1. Operational Efficiency:

Portability: Easily relocated to meet changing demands.

Commercial Integration: Features like shop spaces, EV charging stations, water ATMs, advertisement panels, and vending machines commercial viability and longevity.



2. Community Engagement:

Employment Opportunities: Local individuals or groups manage and maintain these facilities, promoting employment and community involvement.

Effective Space Utilization: Vacant public spaces are utilized effectively, enhancing urban aesthetics and functionality.



3. Enhanced Monitoring and Maintenance:

Online Monitoring: Integrated systems ensure facilities meet operational standards, reducing the supervisory burden on local authorities.

Hygiene and Upkeep: Regular monitoring helps maintain high hygiene standards, ensuring public health and sanitation.



4. Financial Sustainability:

Revenue Sharing: Enables local governments to partake in revenue sharing, supporting ongoing operation and maintenance of these public utilities.

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