
THE AIRPORT PRM PORTER WHO NEVER SLEEPS

The World's Most Advanced Autonomous Wheelchair System

A next-generation PRM passenger mobility pod that uses AI-powered navigation, advanced sensors, and seamless airport system integration to safely and efficiently transport PRM passengers—without requiring constant staff supervision.





PRM MOBILITY POD CORE FEATURES

PRM passenger Mobility Pod is delivered to the market by HelloGard in partnership with Cyberworks Robotics, the world's longest standing autonomous mobile robotics company.

Cyberworks Robotics' Personal Autonomous Mobility Pod reimagines navigation—providing a seamless, safe, and modern transport experience for passengers of all abilities. Our state-of-the-art robot offers multilingual support and intuitive guidance, effortlessly escorting passengers, while allowing customized stops along the way.

Effortless Journeys

The Mobility Pod instantly maps the most efficient route to your destination, adapting to schedule any stops you desire. Passengers enjoy a smooth, hands-free journey or can switch to “smart manual” mode, with full freedom and peace of mind thanks to advanced obstacle-avoidance and remote teleoperation features.

Ultimate Passenger Empowerment

At the heart of the Pod is a user-friendly 10.4” touchscreen. Passengers can request assistance, adjust their journey, and track their exact location on an onboard map—all with ease.

Trust Cyberworks Robotics to deliver the next generation of mobility—combining unmatched safety, flexibility, and style to enhance every journey.



01

Fleet Management

Monitor, dispatch, and track wheelchairs from any workstation or tablet, and capture key performance analytics.

02

Route Management

Pre-programmed route destinations such as departure gates, duty free, restrooms and control where fleets can travel (and not travel). Autonomous navigation without the need for visual markers.

03

Safety

Fast evasive reactions to obstacles, smart obstacle detection, and automatic recovery.

04

Integration & Support

Works with your existing IT infrastructure for seamless operations, backed by white glove service and support.

KEY FEATURES



- Striking modern design eliminates the stigma of traditional wheelchairs.
- Wide, comfortable 22" seat supporting up to 450 lb.
- 16+ hours operation non-stop service ensures continuous availability.
- Fully autonomous navigation means hands-free travel anywhere.
- Proudly Made in the USA, reducing supply chain risks.
- "Go-Anywhere" smart

manual mode allows you to explore with confidence without the risk of getting lost or collisions.

- Cutting-edge obstacle avoidance means no lost time navigating crowds.
- Remote supervisor control ensures peace of mind in any situation.
- Certified safety software; the only autonomous chair certified to IEC 61508 SIL 3 and IEC 62304 Class C

standards.

- Aircraft-grade diagnostics and self-recovery, meaning reliable, low-maintenance operation.
- Infrastructure-free AI navigation. No need for visual tags or facility modifications.
- "Elegant Motion" engineering guarantees a smooth and comfortable ride.

Why Autonomous Airport PRM Portering?

Labor shortages

Reduce labor shortages by redeploying staff to more critical tasks

Risk reduction

Fewer staff injuries

Faster turnaround

Cut passenger transfer times

Better throughout

Increase the number of daily passenger transfers without additional staffing.

Ideal for:

- TSA to gate
- Gate to connecting gate
- Curb to gate
- Gate to curb

Key Benefits for Airport Facilities

Improved Passenger Experience

- Smooth, safe, and comfortable rides.
- Reduces wait times for transport services.
- Reduced risk of passenger walking injury.

Reduced Staff Risk, Cost, and Workloads

- Frees up porters to focus on at-risk passengers.
- Cuts labour costs for passenger transfers.

Optimized Operations

- On-demand dispatch via mobile app or PRM station.
- Integrated with airport scheduling systems.

Safe & Compliant

- Advanced collision avoidance and patient safety features.



ABOUT US

A Heritage of Innovation

As the pioneer of autonomous mobile robotics since 1984, Cyberworks Robotics continues to lead in engineering excellence through collaborations with global leaders like Dell, Blackberry, and Sumitomo Corporation. Our Mobility Pod is purpose-built for airports and hospitals and has been celebrated by programs such as FLITE and Compass Group for exceeding expectations in real-world environments.



1984: Cyberworks Robotics' founder with the world's first fully autonomous industrial mobile robot – as reported in the New York Times.

Why Choose Us?

Airport Expertise

Decades of experience in airport technology deployments.

Autonomous Vehicle Expertise

Cyberworks Robotics is one of the world's most experienced autonomous navigation technology companies, and a pioneer in autonomous navigation technology.

Custom Integration

Tailored solutions to fit your unique workflows and airport system environment.

White Glove Support

Installation, staff training, and 24/7 technical assistance.

TRUSTED BY THE WORLD'S LEADING BRANDS

 BlackBerry

 DELL



 SUMITOMO 



READY TO BRING AUTONOMOUS MOBILITY TO YOUR FACILITY?

www.cyberworksrobotics.com/contactus



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