

Gausium AI Cleaning Robots Mitigate Retail Labor Shortages & Cut Operational

NEW YORK, NY, UNITED STATES, June 18, 2026 /EINPresswire.com/ -- June 16, 2026, EDT – Gausium hosted a retail industry webinar themed Unlocking Retail Savings: Why Leading Retailers Adopt AI Robots. U.S. Sales Director Randall delivered the keynote and Channel Specialist Terry moderated, demonstrating how autonomous cleaning robots resolve retail operational pain points with measurable ROI.

North American retailers face severe staffing crises: maintenance labor shortages hit 73%, frontline turnover stands at 60%, with \$4,000 average costs to replace a single custodian. High churn leads to inconsistent hygiene, while uncleaned spills during opening hours create slip risks and damage customer loyalty.

Powered by proprietary AI vision and navigation, Gausium robots safely clean spills amid

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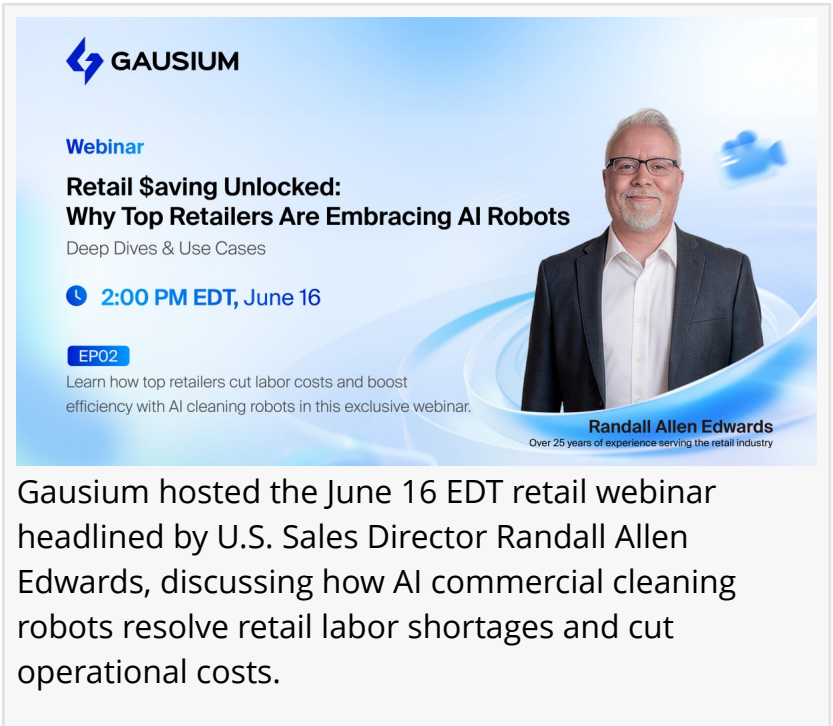
AI commercial cleaning robots deliver human-machine collaboration, slashing labor costs and advancing ESG sustainability for North American retail operators.”

*Cheng Haotian, CEO of
Gausium Robotics*

shoppers to supplement off-hours manual labor. ROI correlates with store size, daily operating hours and labor spend; large, long-hour retail sites achieve the strongest cost reductions.

The robotic ecosystem delivers value across operations, data management and ESG goals. Robots free 30% of staff time for customer service, cover 32,291 sq ft daily with consistent cleaning, and cut water & chemical usage by up to 70%. Its cloud platform generates heatmaps and auto compliance reports for traceable hygiene oversight, while lower resource consumption advances sustainability

targets. Per global robotics research, retail service robotics will see a 25.5% CAGR from 2024 to 2030.



GAUSIUM

Webinar

**Retail \$aving Unlocked:
Why Top Retailers Are Embracing AI Robots**

Deep Dives & Use Cases

2:00 PM EDT, June 16

EP02

Learn how top retailers cut labor costs and boost efficiency with AI cleaning robots in this exclusive webinar.

Randall Allen Edwards
Over 25 years of experience serving the retail industry

Gausium's product lineup covers all retail formats: Omnie & [Marvel M6](#) for supermarkets, compact [Mira M4](#) for malls and convenience stores, Phantas for mid-sized chains. A regional grocery chain with 100+ stores reduced cleaning labor costs by 40%, lifted hygiene compliance to 95%, extended customer dwell time by 15%, and earned a 300% jump in positive brand mentions; over 120 staff shifted to customer-facing roles.

"Labor shortages, high replacement costs and unstable cleaning standards are structural retail challenges worldwide. Built on our self-developed full-stack AI and autonomous navigation tech, Gausium's full-range robots enable human-machine collaborative store management. We cut labor overhead, elevate shopping experience and hit low-carbon ESG goals via reduced resource waste, delivering field-proven intelligent cleaning solutions for North American retailers," said Cheng Haotian, Gausium Robotics CEO who graduated from University of Cambridge.

Gausium offers tailored demos, [retail whitepapers](#) and expert consultations to help retailers streamline operations and drive growth. Relevant resources are available via Gausium's official website.

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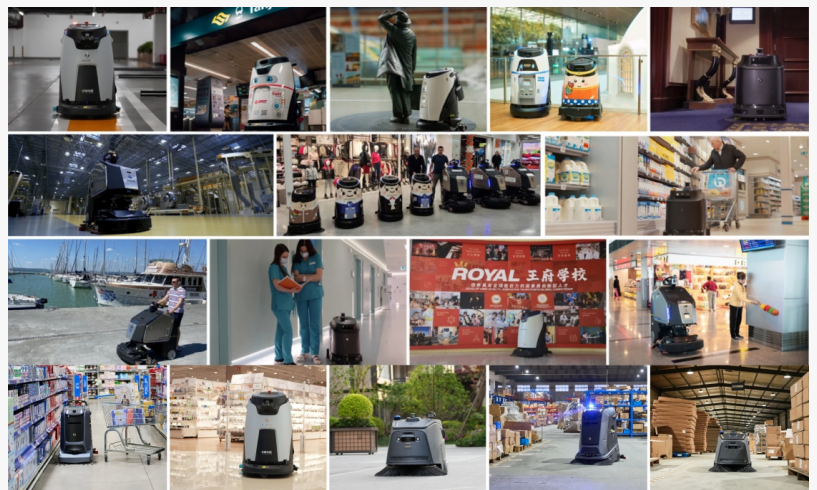
Gausium

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Gausium's full lineup of AI commercial cleaning robots delivers all-scenario intelligent cleaning solutions across retail supermarkets, warehouses, medical facilities, education campuses, transit hubs and industrial sites worldwide.



Gausium presents its complete portfolio of AI commercial cleaning robots, a full product matrix covering diverse models to precisely match all retail, warehouse, medical and commercial facility operation scenarios.

YouTube
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商用服务 | 全球商用清洁机器人市场超5.5亿美元，出货超3.1万台

中国厂商收入合计占比超50%

- 人机协作模式为主

与人类员工共同完成清洁工作，减轻工作量

- 清洁设备厂商积极转型清洁机器人赛道

- 多功能融合

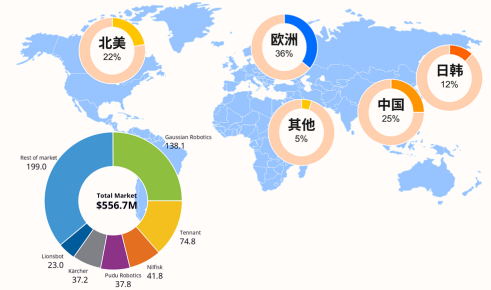
清扫、洗地、消毒等多功能一体化集成

- AI巡检清洁

AI视觉赋能机器人自主识别垃圾并规划路径处理

- 室外清洁需求增加

园区、工厂等，大小垃圾的处理能力



来源：《全球商用清洁机器人市场报告，2024：人机协作清洁、清洁场景从室内迈向室外》（Doc # CHC3534225，2025年6月）
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This 2024 IDC industry report infographic shows the global commercial cleaning robot market reached \$556.7 million in size. Gausium ranks first worldwide in both revenue and shipment volume with a 25% market share, while Europe, China and North America are



Official corporate logo of Gausium Robotics, global leading developer of AI commercial cleaning robots.

This press release can be viewed online at: <https://www.einpresswire.com/article/920389166>

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