

AMT1

Smart Cleaning Robot

www.nantatech.com



- ▶ Founded in **2018** as **MNT Technologies** and later in **2023** taken over by **Nanta Tech Private Limited**, the company focuses on **Turnkey ELV projects** delivering **AV, IT, CCTV, Fire Alarm, Robotics, and AI solutions** across multiple industries.
- ▶ Demonstrated innovation at major expo like **INFOCOM, FITAG, AVICN, and Palm 2024**.
- ▶ Achieved public listing on **Bombay Stock Exchange** in 2025, marking our growth from startup to global leader in equitable technology. Today Nanta Tech Limited become a public Limited company.
- ▶ **Mission**
To put the power of intelligent machines in service of people — building robotics, autonomous vehicle-grade AI, and AV solutions that make industries safer, operations smarter, and human potential limitless.
- ▶ **Vision**
A world where intelligent machines work alongside humanity as trusted partners — eliminating preventable harm, unlocking human creativity, and making India a global force in robotics and AI.

JOURNEY SO FAR

Exclusive partner for brands like BOSE, KRAMER, COMMSCOPE, LIBERTY AV, SAMSUNG IFP, MAXHUB, RUIGGE, NEARITY

Acquired MNT, established Nanta Tech Pvt Ltd, and launched Allbotix & OEM manufacturing.

Listed on BSE – SME Platform



SME AWARDS



BUSINESS EXCELLENCE FROM MAXHUB



AV- ICN AWARDS



BSE -SME AWARD 2025

2019

2023

2025

2018

2020

2024

2026

Founded as MNT Technologies

Started working on Service Robots

Transitioned to a Public Limited Company

- RSVP Takeover
- AI Platform: Ntalk & Ntra
- U.A.E Regional Office in DUBAI



Path Breakers 2.0 by YOUNG Indians



AHMEDABAD BUSINESS EXCELLENCE AWARDS IN IT INDUSTRY



- **Robotics Solutions:**

A core market strength, our robotics division provides specialized automation for the Hospitality, Healthcare, Education (Smart Schools), Manufacturing, and Logistics sectors. We deliver comprehensive hardware and software integration tailored to meet specific industrial demands and client-specific workflows.



- **Nanta Tech AI and Software Development:**

We provide industry-native artificial intelligence and end-to-end technical solutions designed to bridge the gap between complex data and real-world execution. By integrating computer vision, natural language processing, and edge-computing navigation directly with hardware, we empower autonomous systems to eliminate operational bottlenecks in real-time. Beyond deploying specialized machine learning models, we offer a comprehensive digital ecosystem that includes professional training, high-performance web and mobile development, and bespoke software engineering to ensure your workflows are as intelligent as they are efficient.



- **AV Solutions:**

Nanta Tech delivers comprehensive end-to-end audio-visual solutions, seamlessly integrating AI-driven technology into corporate and commercial environments—from boardrooms and conference spaces to large auditoriums, immersive LED video walls, and advanced video conferencing ecosystems. Supported by a robust distribution network, we provide a premium range of high-performance AV hardware, including interactive flat panels, professional conferencing systems, high-speed connectivity infrastructure, and next-generation LED video walls—ensuring seamless communication, collaboration, and impactful visual experiences at every scale.

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Overview

World's First AI-Powered Robotic Sweeper for Industrial and Commercial Spaces

Efficiency. Precision. Cleanliness. 24/7

Allbotix, a global leader in service robotics, proudly presents the AMT1 – an AI-powered sweeping robot designed to revolutionize cleaning in large-scale environments, covering up to 100,000 m² with unmatched efficiency.



Usage Scenario



Restaurant



Hotel



Nursing home



Office



Karaoke



Hospital



Shopping Mall



Internet Bar



- **AI-Powered Trash Recognition:** Equipped with advanced AI cameras, the MT1 identifies and categorizes waste in real time, continuously improving accuracy through deep learning and database updates. Distinguishes real trash from non-trash items, activating cleaning only when necessary to maximize efficiency.
- **Dynamic Environment Adaptability:** Uses Lidar SLAM + VSLAM integrated positioning for flexible navigation in dynamic environments. Adapts to layout changes with full-space awareness, ensuring thorough cleaning without redundancy.
- **Smart Spot Cleaning:** Patrols large areas with an ultra-wide scanning field of view, detecting and cleaning trash immediately upon detection. Cleans efficiently by targeting trash directly, avoiding redundant paths.
- **No Debris Too Big or Small:** Features dual-disc brushes and a 70 cm wide cleaning path to handle fine dust, paper scraps, nails, and larger items like beverage bottles in a single pass. 35-liter large-capacity trash bin reduces the need for manual intervention.
- **Active Dust Control:** High-flow negative pressure ventilation and efficient filter system trap particles, preventing secondary pollution.
- **IoT Integration:** Seamlessly interacts with elevators, gates, and other infrastructure for multi-floor cleaning. Remote monitoring via apps and PC interfaces provides real-time updates, visualized cleaning reports, and trash bin notifications.

Reference Videos

[Click here to see the videos](#)

Installation Training

Rich and diverse training methods and materials

After Sales Service

IOT (The Internet of things) solves more than 90% of technical problems

 www.nantatech.com/robotics/

CONNECT WITH US

Email: kenvi@nantatech.com

Call us: [+91-9909041675](tel:+919909041675)

Address: 204 to 207, 2nd Floor, “F” Block Shivalik Sharda
Harmony, Above Chelvies Coffee Panjarapole Crossroads,
Ambawadi, Ahmedabad-380015



THANK YOU