ADVANCE CASSINI ROBOTICS

RESHAPING THE FUTURE OF SERVICE ROBOTS



EMPOWERING HEALTHCARE WORKERS

At the heart of our technology are user-friendly robots that integrate into everyday healthcare tasks, simplifying processes and offering much-needed support. From automating repetitive, low-skill tasks to assisting skilled workers with complex procedures, Advance Cassini Robotics is here to ensure that workers of all levels can focus on what truly matters.

ADVANCE MECHANICAL SERVICES

Advance Mechanical Services, is a Zed Gold Certified company providing solutions and services around Automation and Engineering to its customers worldwide with focused competency centers based out of Bangalore, India..

ADVANCE CASSINI is our patented technology in robotics, to empower both skilled professionals and workers by providing them with the tools they need to perform their jobs more effectively, efficiently, and with less stress.

KEY FEATURES

- Designed to support healthcare staff, improve patient care, and streamline operations
- Smooth Navigation & Wayfinding
- Real-time translation services
- Secure & Compliant
- Easy to Use

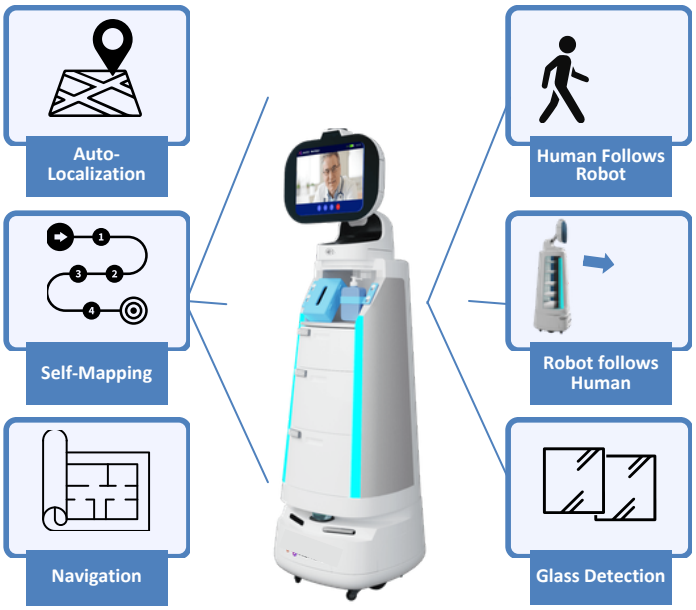
OUR TECHNOLOGY

- Advanced AI platform
- Autonomous Operation
- Brain & Behavior Architecture
- Intuitive speech recognition
- Modular Design

APPLICATIONS

- Instant Patient Records
- Telemedicine
- Smart Alerts
- Autonomous Deliveries
- EHR Integration

EXCLUSIVE FEATURES



Auto-localization
Leverages deep learning for instant Robot localization on maps, enhancing operational efficiency.

Self-mapping
Autonomously maps unknown environments, ensuring up-to-date navigation data without human input.

Map Creation from Blueprints
Converts floor blueprints into detailed, navigable maps for quick deployment.

Follow a Person
Advanced tracking algorithms enable the Robot to follow individuals in complex settings reliably.

Follow Robot
Guides people with cutting-edge object detection models, maintaining escort even when temporarily out of view.

Ultrasonic Glass Detection
Unique ultrasonic sensors detect transparent obstacles, enhancing obstacle avoidance capabilities.

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X-AI ROCK™
(Robot Operation Control Kit)



SCALABLE SOFTWARE

- Create Your Own Commands
- Customizable Workflow
- Autonomous Routine Tasks
- No Technical Expertise Required

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