



3E8 Robotics

Smart Service, Seamless Dining

Problem Statement

The restaurant industry faces increasing challenges related to labor shortages, rising operational costs, and inconsistent service quality. Traditional waitstaff must balance taking orders, delivering food, and providing customer service, often leading to inefficiencies, long wait times, and increased staff turnover.





Solution Overview

3E8 Robotics offers AI-powered service robots that seamlessly handle both order-taking and food delivery, enhancing restaurant efficiency. Using advanced natural language processing, 3E8 robots accurately understand and process customer orders, relay them to the kitchen, and autonomously navigate to deliver meals directly to customer tables.

Market Size

The global restaurant robot service market is expected to grow at a CAGR of 17% in 5 years

\$35B x 30%

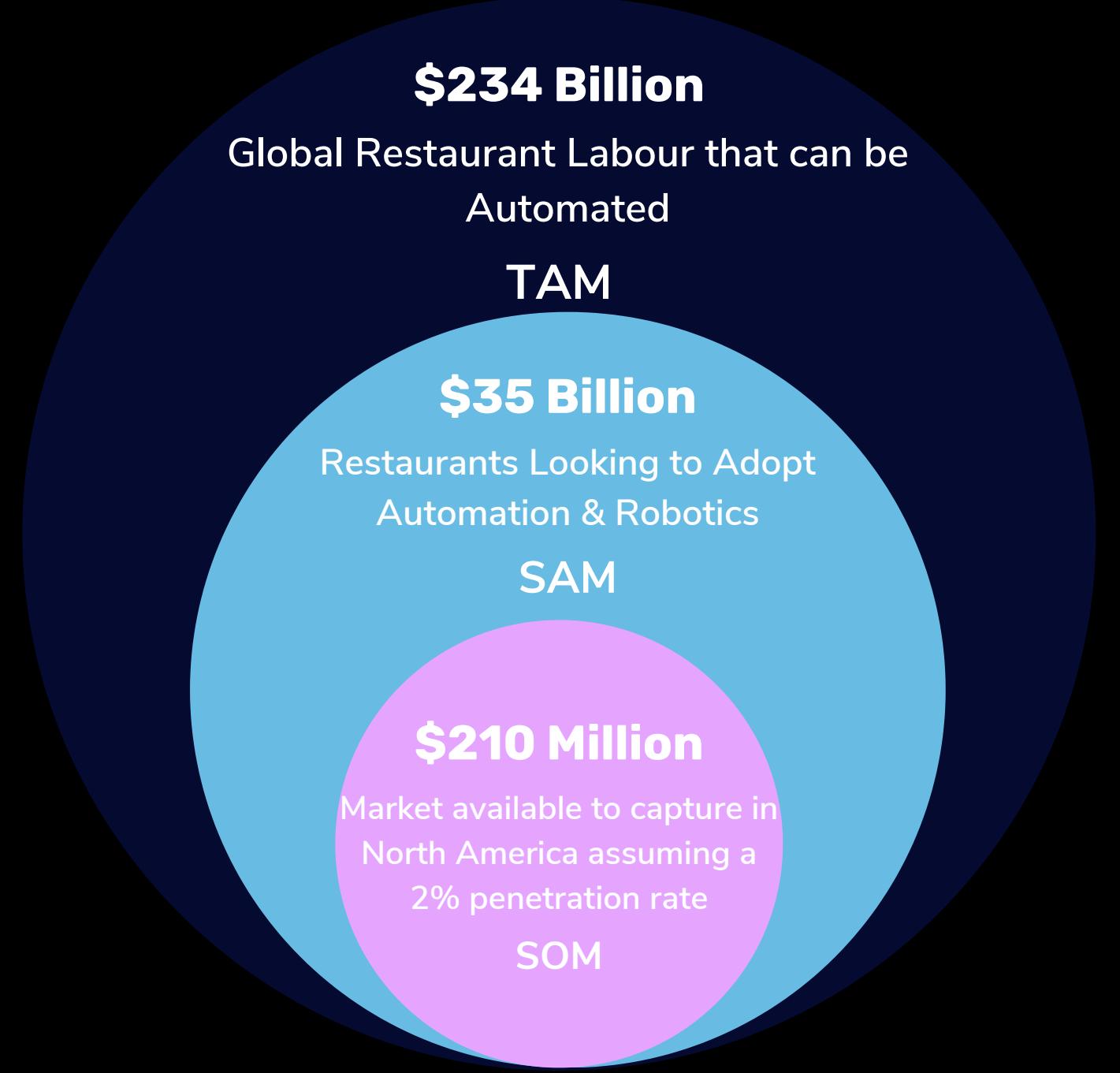


**\$10.5B North America Market
Size**

\$10.5B x 2%
(pen rate)



\$210M in Potential Revenue

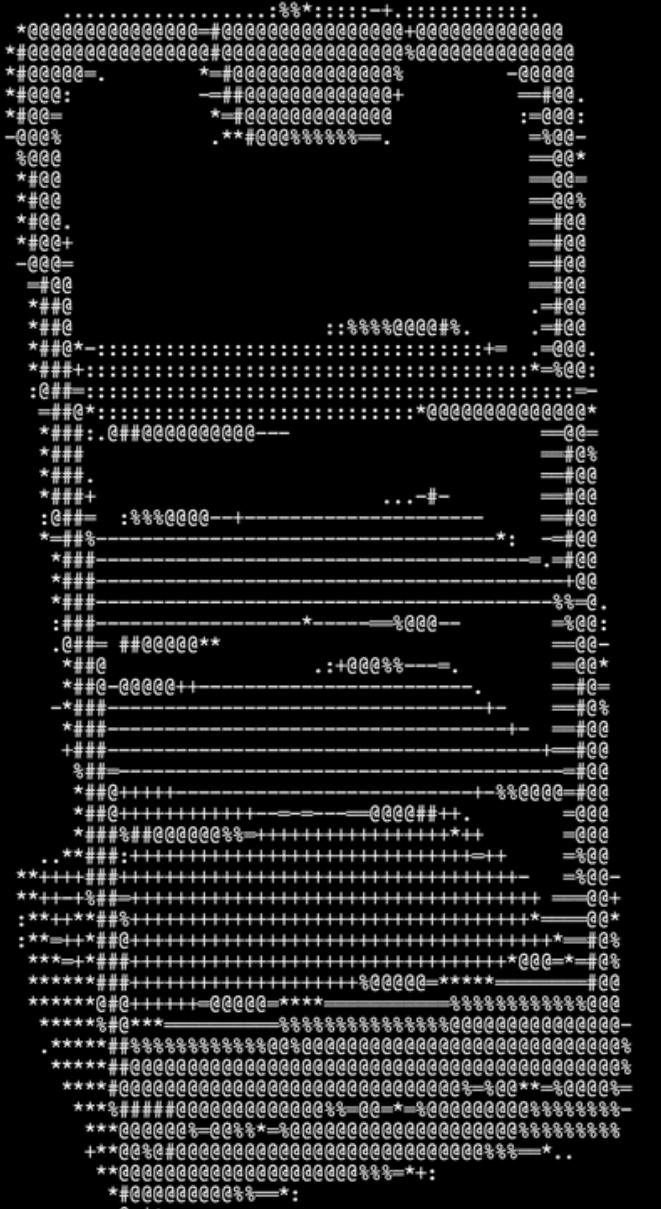


\$234 Billion
Global Restaurant Labour that can be
Automated
TAM

\$35 Billion
Restaurants Looking to Adopt
Automation & Robotics
SAM

\$210 Million
Market available to capture in
North America assuming a
2% penetration rate
SOM

The Product



- Advanced AI Algorithms: For natural language understanding and accurate order processing
- Autonomous Food Delivery: Featuring obstacle detection and path planning, navigating restaurant spaces effortlessly
- Seamless order integration: Connects with existing restaurant infrastructure and point of sales systems for smooth workflow

Business Model

Robotics as a Service (RaaS)

- Subscription based model offering 3E8 robots at a cost of \$10 per day
- Lower upfront cost to allow for easier adoption
- Flexible pricing tiers to allow for different needs

AI Powered Data Insights

- Data analytics on customer preferences, service efficiency, and peak times
- Potential for predictive analytics and integrations with restaurant POS systems

Maintenance & Support

- Full-service package includes robot maintenance, software updates, and troubleshooting
- Minimizes downtime for restaurants while ensuring seamless operations

Mid Market Solution Focus

- Focus on Small and Mid market restaurants to provide an affordable solution as competitors are focused on larger restaurants

Competition

Company	AI-Powered Order Taking	Autonomous Food Running	Affordable for Small/Mid Restaurants (RaaS Model)	Full Maintenance & Support
388 ROBOTICS	✓	✓	✓	✓
Bear Robotics	✗	✓	✗	✓
RichTech Robotics	✗	✓	✗	✗
Pudu Robotics	✗	✓	✗	✗
LG	✗	✓	✗	✗
Keenon Robotics	✗	✓	✗	✗



Prototype Demo

View a demo here: [Youtube](#)

Team



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