



# **MiLVUS Robotics**

milvusrobotics.com





# **About Milvus**



### **Experience**

**Founded in 2011**, Milvus has been developing mobile robot systems for **13 years**.



**Team** 

Milvus is powered by a dedicated team of over **100 skilled**professionals



**Partners** 

Milvus accomplishes 250+
successfull project with 60+
satisfied partners



# Milvus by Numbers















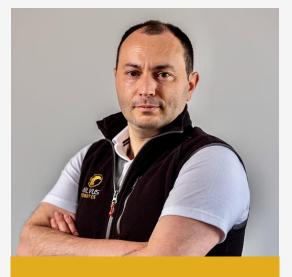
# **Leadership Team**



**Şamil Özden**CEO
MEng. Mechanical Eng.



Akif Hacınecipoğlu
CTO
PhD. Mechanical Eng



**Göker Ertunç**CIO
MEng. Petroleum Eng

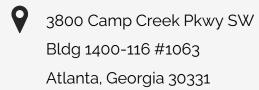


Hasan Ölmez
COO/ CFO
MEng. Mechanical Eng



## **Milvus Robotics Offices**

#### Atlanta, Georgia





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#### **Ankara, Turkey**

9

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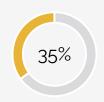




## **The Problem**

Market & Need









Improve Reliability in Operations

Reduce Operating

Costs

Increase
The Productivity

Labor Shortage

Mobile Robot Revenues (F)\*

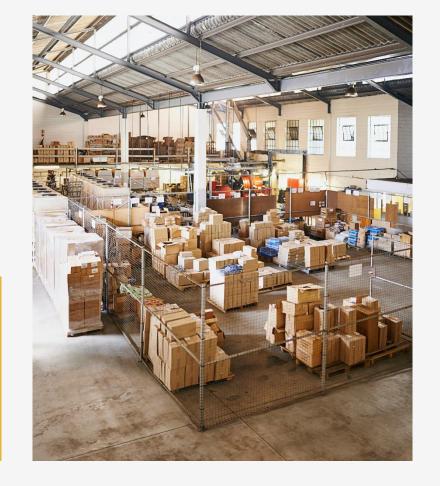


\$68B

US Labor Spent on Warehouse Operations 107M

Factories Worldwide 2M

Manual Fork Trucks Sold Annually





# The 5S Approach





## The Solution

Autonomous Mobile Robots - AMRs represent the forefront of intelligent automation, designed to streamline material handling, transportation, and logistics in dynamic environments. Equipped with cutting-edge navigation, safety systems, and flexible deployment capabilities, AMRs enhance operational efficiency, improve safety, and offer scalable solutions for industries.





### Flexible & Scalable

Whether expanding operations or adapting to new workflows, the AMRs can easily scale to meet growing requirements without major disruptions.



### Collaborative

Enhance worker productivity. AMRs are equipped with intelligent navigation and safety features, allowing to operate safely in human-centric environments while seamlessly integrating into broader workflows.



#### Infrastructure Free

Versatile for dynamic environments. Without the need for external markers or facility alterations, AMRs can be rapidly deployed, saving time and resources for modern businesses.



# Milvus Value Propositions



**Enhanced Connectivity** 

Seamless WiFi & 5G/LTE Low Bandwidth Data



Rapid Deployment

User-Friendly Interface Flexible Mission Planner



**Dynamic Navigation** 

LIDAR & Visual Systems
Al-Based Detection



**Smart Charging** 

Wireless Charging
Optimized Charge Cycles



Scalable Fleet

Low Resource System

Decentralized Decision-Making



Cybersecurity

Secure VPN & API Cross-Platform Compatibility



# **Our End-to-End Solutions**



### **Solution**

AMRs (SEIT Robots)

Attachments

Milvus Fleet

Management



**Customer Consultation** 

Site Visit

**Engineering Study** 

**Simulations** 



### **Implementation**

Project Handover

**Project Planning** 

Procurement

On-site Assembly



### **Adaptation**

**AMRs Delivery** 

System Integration

Training

Full-Scale Operation





### **Support**

24/7 Support

Troubleshooting

Repair & Maintanance

Feedbacks



## Clients





## **About Our Product**

**SEIT product family** are advanced autonomous mobile robots designed for Industry 4.0 environments. Operating without physical infrastructure, they use sophisticated sensing technology to navigate safely, while offering self-management through autonomous charging and central control. These durable robots enhance efficiency and safety in industrial settings, providing excellent ROI through their infrastructure-free operation and high performance.



#### **CONTACT US**

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