

Company Profile

Company Information

- ****Name****: Polar Dynamics Robotics, Inc.
- ****Industry****: Industrial Automation & Robotics Manufacturing
- ****Business Description****: Polar Dynamics Robotics specializes in developing ruggedized autonomous mobile robots (AMRs) engineered for extreme operating conditions and mission-critical logistics environments. The company's proprietary cold-resistant actuator technology and advanced thermal management systems enable reliable automation in temperature-controlled facilities, cold storage warehouses, and industrial freezer environments. Their signature 'IceNav' AI navigation platform ensures precise operation in challenging conditions where traditional AMR systems fail.
- ****Primary Offering****: Temperature-hardened autonomous mobile robots with proprietary cold-environment navigation and operation systems
- ****Target Market****: Cold chain logistics providers, pharmaceutical manufacturers, food processing facilities, and industrial cold storage operators
- ****Company Stage****: Growth stage (\$25M-\$50M revenue range)

Corporate Details

- ****Incorporation State****: Delaware
- ****Incorporation Date****: 2018-03-15
- ****Funding Type****: Venture-backed (Series C)
- ****Headcount****: 187
- ****Annual Revenue****: \$32,500,000 USD

Key People

Dr. Elena Frost, Ph.D. (CEO & Co-founder), Marcus Chen (CTO), Sarah Nordstrom (COO), Dr. James Barrett (Chief Robotics Officer), Katherine Wells (CFO)

Data Room Information

- ****Expected File Count****: 285

Generation Details

- **Generated At**: 2024-01-11T12:00:00Z