

IMPLEMENTATION PLAN - FROSTTECH STORAGE SYSTEM

CONFIDENTIAL & PROPRIETARY

Polar Dynamics Robotics, Inc.

Effective Date: January 15, 2024

1. OVERVIEW AND PURPOSE

1 This Implementation Plan ("Plan") sets forth the procedures and requirements for the deployment of Polar Dynamics Robotics, Inc.'s ("Company") FrostTech Storage System ("System") in client facilities, including the integration of IceNav(TM) autonomous navigation platform and associated cold-environment robotics infrastructure.

2 This Plan shall govern all System implementations commenced after the Effective Date and supersedes all previous implementation protocols.

2. DEFINITIONS

1 "Deployment Team" means Company's designated technical personnel responsible for System implementation.

2 "Client Facility" means any temperature-controlled environment where the System is to be installed.

3 "System Components" means all hardware, software, and infrastructure elements comprising the FrostTech Storage System.

4 "Acceptance Criteria" means the predetermined performance benchmarks that must be achieved for successful implementation.

3. PRE-IMPLEMENTATION REQUIREMENTS

1 Facility Assessment

- Complete thermal mapping of deployment zone
- Structural analysis of flooring and racking systems
- RF signal propagation study
- Power infrastructure evaluation

- Network connectivity assessment

2 Safety Compliance

- OSHA cold storage workplace standards verification
- Emergency system integration planning
- Personnel safety protocol development
- Hazard mitigation strategy documentation

4. IMPLEMENTATION PHASES

1 Phase I - Infrastructure Preparation

- Installation of charging stations
- Network infrastructure deployment
- Environmental sensor placement
- Navigation beacon mounting
- Control room setup

2 Phase II - System Deployment

- Robot unit placement and activation
- IceNav(TM) platform installation
- Initial mapping procedures
- Basic movement testing
- Thermal adaptation verification

3 Phase III - Integration

- WMS integration
- Safety system synchronization
- User interface deployment
- Remote monitoring setup
- Data collection initialization

5. TESTING AND VALIDATION

1 Component Testing

- Individual robot unit verification
- Navigation system accuracy assessment
- Cold-resistance performance validation
- Battery life confirmation in operational conditions
- Communication system reliability testing

2 System Integration Testing

- Full system operational testing
- Load capacity verification
- Emergency stop system validation
- Multi-unit coordination testing
- Temperature variation response assessment

6. TRAINING REQUIREMENTS

1 Operator Training

- System operation fundamentals
- Emergency procedures
- Basic troubleshooting
- Safety protocols
- Maintenance procedures

2 Administrator Training

- System configuration
- Performance monitoring
- Advanced troubleshooting
- Report generation
- System optimization

7. ACCEPTANCE AND HANDOVER

1 Acceptance Testing

- Minimum 72-hour continuous operation
- Performance metrics achievement verification

- Safety system validation
- Integration completeness confirmation
- Client sign-off requirements

2 Documentation Delivery

- As-built drawings
- Operation manuals
- Maintenance schedules
- Emergency procedures
- Training materials

8. SUPPORT AND MAINTENANCE

1 Post-Implementation Support

- 24/7 technical support availability
- Remote monitoring services
- Regular performance reviews
- System optimization assistance
- Incident response protocols

9. LEGAL COMPLIANCE

1 This Implementation Plan shall be executed in compliance with all applicable federal, state, and local regulations governing automated systems in cold storage environments.

2 All intellectual property rights related to the System remain the exclusive property of Polar Dynamics Robotics, Inc.

10. CONFIDENTIALITY

1 This Implementation Plan contains confidential and proprietary information of Polar Dynamics Robotics, Inc. and shall not be disclosed to third parties without written authorization.

EXECUTION

IN WITNESS WHEREOF, this Implementation Plan has been executed by the duly authorized

representatives of Polar Dynamics Robotics, Inc.

By:

Name: Dr. Elena Frost

Title: Chief Executive Officer

Date: January 15, 2024

By:

Name: Dr. James Barrett

Title: Chief Robotics Officer

Date: January 15, 2024