AMR DEVELOPMENT STRATEGIC PLAN 2019-2021

AUTONOMOUS MOBILE ROBOT (AMR) DEV

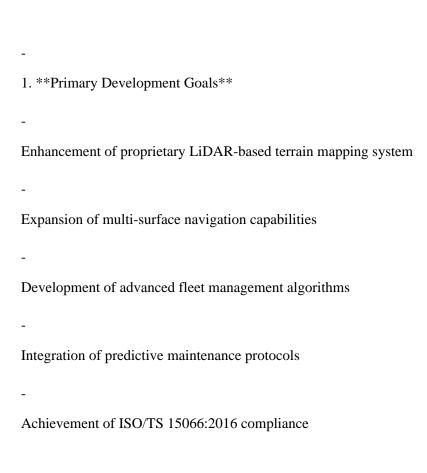
NaviFloor Robotics, Inc.

Confidential and Proprietary

1. EXECUTIVE SUMMARY

This Strategic Plan (the "Plan") outlines NaviFloor Robotics, Inc.'s ("Compadevelopment roadmap for its Autonomous Mobile Robot ("AMR") technologies for the period of January 1, 2019 through December 31, 2021. This documer serves as the governing framework for the Company's research, development commercialization initiatives.

2. STRATEGIC OBJECTIVES



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2. *	*Market Position Targets**
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Cap	oture 15% market share in North American industrial AMR segme
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Esta	ablish technology leadership in multi-surface navigation
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Sec	ture strategic partnerships with three (3) Tier 1 warehouse automa
3. '	TECHNOLOGY DEVELOPMENT ROADMAP
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1. *	*Phase I: Core Technology Enhancement (Q1-Q2 2019)**
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	plementation of enhanced depth-sensing algorithms

Development of proprietary surface recognition protocols

Integration of advanced obstacle avoidance systems

2. **Phase II: Fleet Management Platform (Q3 2019 - Q2 2020)**

Development of centralized fleet control architecture

Implementation of AI-driven task optimization

Creation of real-time performance monitoring systems

3. **Phase III: Advanced Features (Q3 2020 - Q4 2021)**

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Integration of machine learning capabilities
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Development of predictive maintenance systems
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Implementation of advanced security protocols
4. INTELLECTUAL PROPERTY STRATEGY
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1. **Patent Applications**
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File minimum of eight (8) utility patents covering core navigation technolog
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File minimum of eight (8) utility patents covering core navigation technolog - Submit four (4) provisional patents for fleet management innovations
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Pursue international patent protection in key markets
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2. **Trade Secret Protection**
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Implementation of enhanced source code protection protocols
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Establishment of confidentiality procedures for proprietary algorithms
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5. REGULATORY COMPLIANCE

Development of employee IP assignment procedures

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1. **Safety Standards**

ANSI/RIA R15.06-2012 compliance

CE Marking requirements

ISO 13849-1:2015 implementation

2. **Quality Management**

ISO 9001:2015 certification

Implementation of Six Sigma protocols

Establishment of quality control documentation system

6. RESOURCE ALLOCATION

- 1. **Research & Development**

- Annual R&D budget allocation: 28% of revenue

- Core development team expansion to 45 engineers

- Establishment of advanced testing facility

- 2. **Capital Investment**

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Testing equipment procurement: \$3.5M

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Software development infrastructure: \$2.8M

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Prototype development: \$1.7M

7. RISK MANAGEMENT

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1. **Technical Risks**

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Redundancy systems implementation

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Failure mode analysis protocols

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Regular security audits

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2. **Market Risks**

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Competitive analysis program

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Alternative technology monitoring

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Customer feedback integration system

8. SUCCESS METRICS

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1. **Teqhnical Benchmarks**
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Navigation accuracy improvement to 99.99%
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System uptime target of 99.95%
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Fleet coordination efficiency increase of 35%
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2. **Commercial Metrics**
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Customer implementation success rate: 95%
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Return on R&D investment: 3.5x
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Market share growth: 5% annually

9. CONFIDENTIALITY AND PROPRIETARY RIGHT

This Strategic Plan contains confidential and proprietary information of NaviFloor Robotics, Inc. and is protected under applicable intellectual prope and trade secret laws. Unauthorized disclosure, copying, or distribution is strictly prohibited.

10. APPROVAL AND MODIFICATIONS

This Strategic Plan has been approved by the Board of Directors and may be modified only with written approval from the Chief Technology Officer and Executive Officer.

APPROVED AND ADOPTED this 15th day of December, 2018.

NAVIFLOOR ROBOTICS, INC.
By:
Dr. Sarah Chen
Chief Executive Officer
By:
Marcus Depth
Chief Technology Officer
By:
James Wilson
Chief Financial Officer

