

WAREHOUSE AUTOMATION IMPLEMENTATION PLAN

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ALDI S DDEUTSCHE WARENHANDELS-GESELLSCHAFT MBH & CO. KG

Project Reference: ALDI-NAV-2024-001

1. PARTIES

This Warehouse Automation Implementation Plan (the "Plan") is entered into as of January 15, 2024 (the "Effective Date"), by and between:

NAVIFLOOR ROBOTICS, INC., a Delaware corporation with its principal place of business at 2500 Innovation Drive, Boston, MA 02210 ("NaviFloor" or "NFI")

and - 1 -

ALDI S DDEUTSCHE WARENHANDELS-GESELLSCHAFT MBH & C
office at Burgstraße 37, 45476 Mülheim an der Ruhr, Germany ("Client")

2. RECITALS

WHEREAS, NaviFloor specializes in autonomous mobile robot (AMR),
warehouse automation systems;

WHEREAS, Client desires to implement NaviFloor's proprietary AMR
its Distribution Center #DE-847 located at Kirchheim unter Teck, Germany
("Facility");

WHEREAS, the parties have executed a Master Services Agreement
2023 (the "MSA"), under which this Plan is incorporated by reference;

NOW, ~~1~~² THEREFORE, the parties agree as follows:

3. IMPLEMENTATION SCOPE

1 **System Components**

-

Deployment of 45 NaviFloor NT-350 Autonomous Mobile Robots

-

Installation of NaviFloor Command Center(TM) (Version 4.2)

-

Implementation of Multi-Surface Navigation System

-

Integration with existing WMS (SAP EWM)

-

Installation of charging stations and maintenance docks

2 ****Facility Coverage****

-

Main warehouse floor (65,000 m)

-

Mezzanine levels (12,000 m)

-

Loading dock areas (8,000 m)

-

Cross-docking zones

-

Temperature-controlled zones

4. IMPLEMENTATION PHASES

1 ****Phase I: Site Assessment and Preparation**** (Weeks 1-4)

- - 4 -

Detailed site survey and 3D mapping

-

Network infrastructure assessment

-

Safety system evaluation

-

Floor surface preparation

-

Charging station location planning

2 ****Phase II: Initial Deployment**** (Weeks 5-12)

-

Installation of base station infrastructure

-

Deployment of first 15 AMR units

-

System integration testing

-

Initial staff training

-

Safety protocol implementation

3 **Phase III: Full Implementation** (Weeks 13-24)

-

Deployment of remaining 30 AMR units

-

Advanced feature activation

-

Full system integration

- - 6 -

Comprehensive staff training

-

Performance optimization

5. TECHNICAL SPECIFICATIONS

1 **Network Requirements**

-

Dedicated 5GHz WiFi network

-

Minimum 1Gbps backbone

-

Redundant access points with 30% overlap

-

Maximum latency: 50ms

-

99.99% uptime requirement

2 ****Safety Systems****

-

ISO/TS 15066 compliance

-

Emergency stop systems

-

Human detection zones

-

Speed control zones

-

Collision avoidance protocols

6. PERFORMANCE METRICS

1 **Key Performance Indicators**

-

System Uptime: 99.5% minimum

-

Pick Rate: 350 picks per hour per AMR

-

Navigation Accuracy: 5cm

-

Battery Utilization: 20 hours continuous operation

-

Error Rate: <0.1%

7. TRAINING AND SUPPORT

1 **Training Program**

-

Operator training (40 hours)

-

Maintenance training (24 hours)

-

Supervisor training (16 hours)

-

Safety protocol training (8 hours)

2 **Ongoing Support**

-

24/7 remote support

- - 10 -

Quarterly maintenance visits

-

Software updates

-

Performance optimization

8. ACCEPTANCE CRITERIA

1 The implementation shall be deemed complete upon:

-

Successful deployment of all 45 AMR units

-

Achievement of specified KPIs for 30 consecutive days

-

Completion of all training programs

-

Sign-off by Client's authorized representative

9. CHANGE MANAGEMENT

1 Any modifications to this Plan must be approved in writing by both parties

10. GOVERNING LAW

1 This Plan shall be governed by and construed in accordance with the laws of the State of New York

SIGNATURES

IN WITNESS WHEREOF, the parties have executed this Warehouse Receipt

Implementation Plan as of the Effective Date.

NAVIFLOOR ROBOTICS, INC.

By:

Name: Richard Torres

Title: Chief Operating Officer

Date: January 15, 2024

ALDI S D DEUTSCHE WARENHANDELS-GESELLSCHAFT MBH & CO.

By:

Name: [Client Signatory]

Title: [Title]

Date:

