



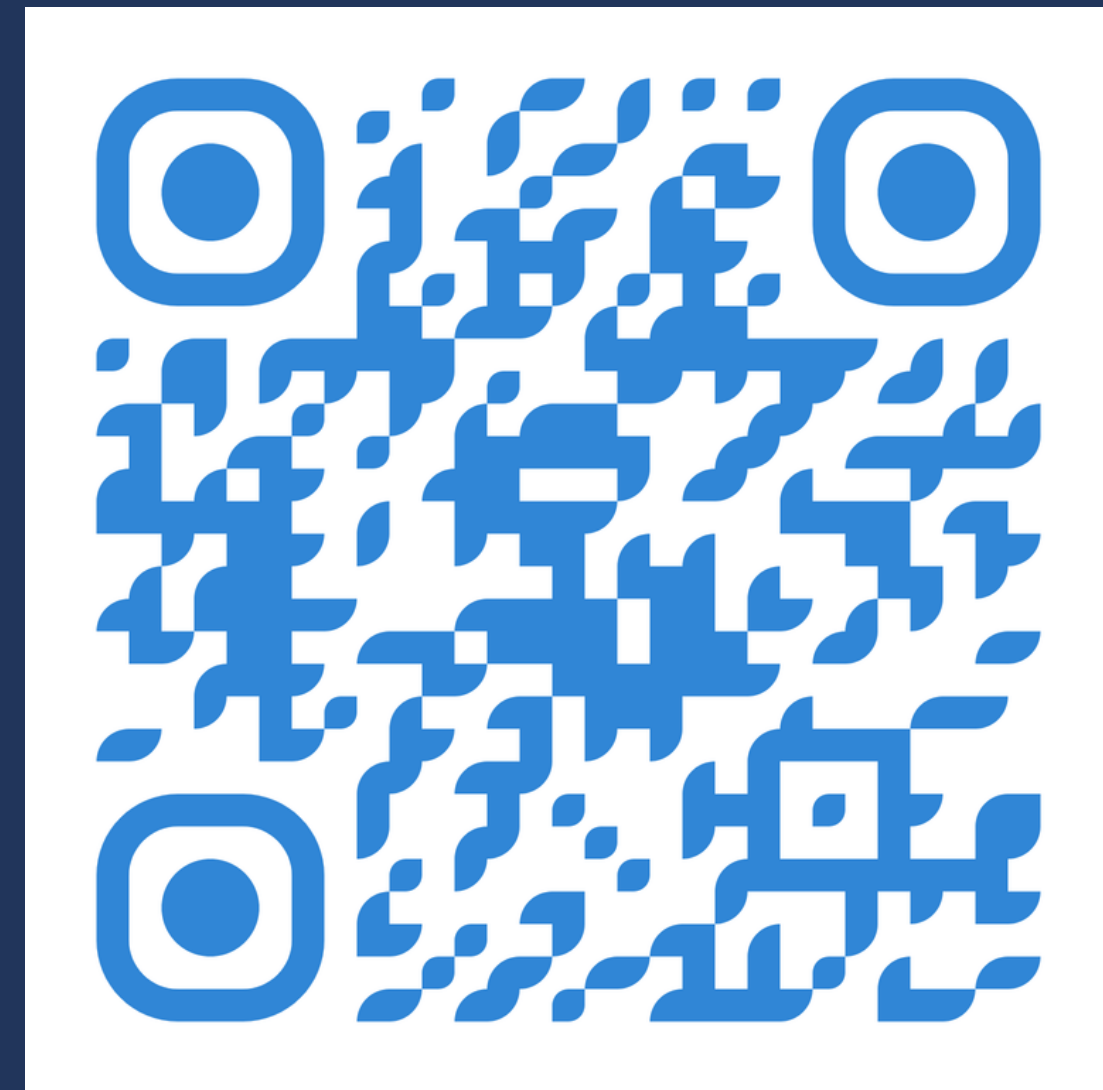
Speedrack

Where Quality and Innovation Stack Up.

DISTRIBUTOR DAYS

August 11th & 12th, 2026

Visit speedrack.net/dd/ or scan this QR Code to view the itinerary, download presentation slides, and more!





Speedrack

Where Quality and Innovation Stack Up.

Shuttles – Applications & Industry Trends

Understand the latest in shuttle technology, what customers are asking for, and the industries that are most-often utilizing shuttle technology.



Introduction



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Inside Sales & Estimating Manager

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Speedrack & Semi-Automation



Speedrack
Products Group, Ltd.

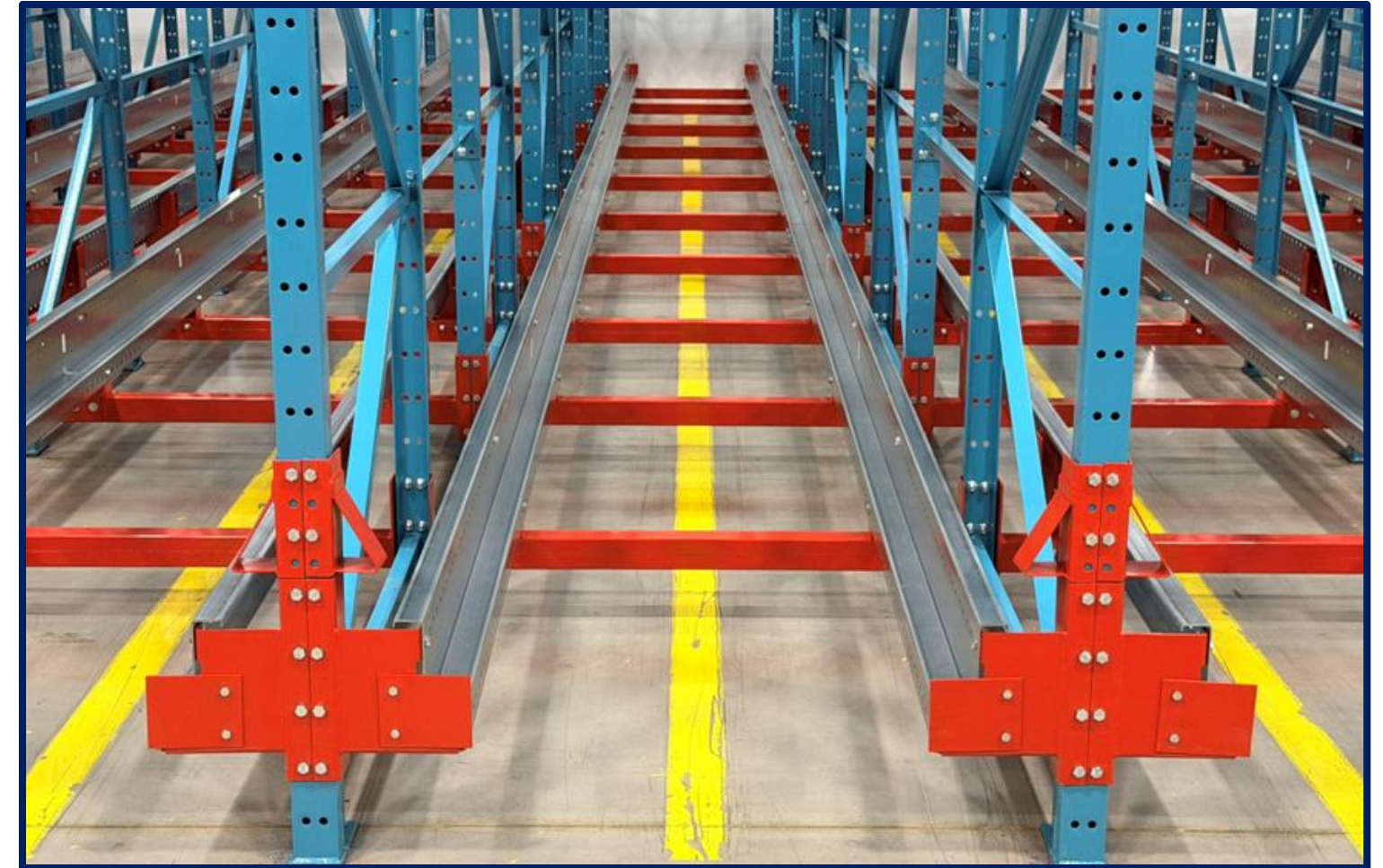


**Spacemaker
Systems**

Shuttles – Industry Trends

What we're seeing in the market.

- Demand increasing year over year
- End-user awareness
- As fire codes change, shuttles will become more beneficial
- Increasing demand for automation due to labor shortages





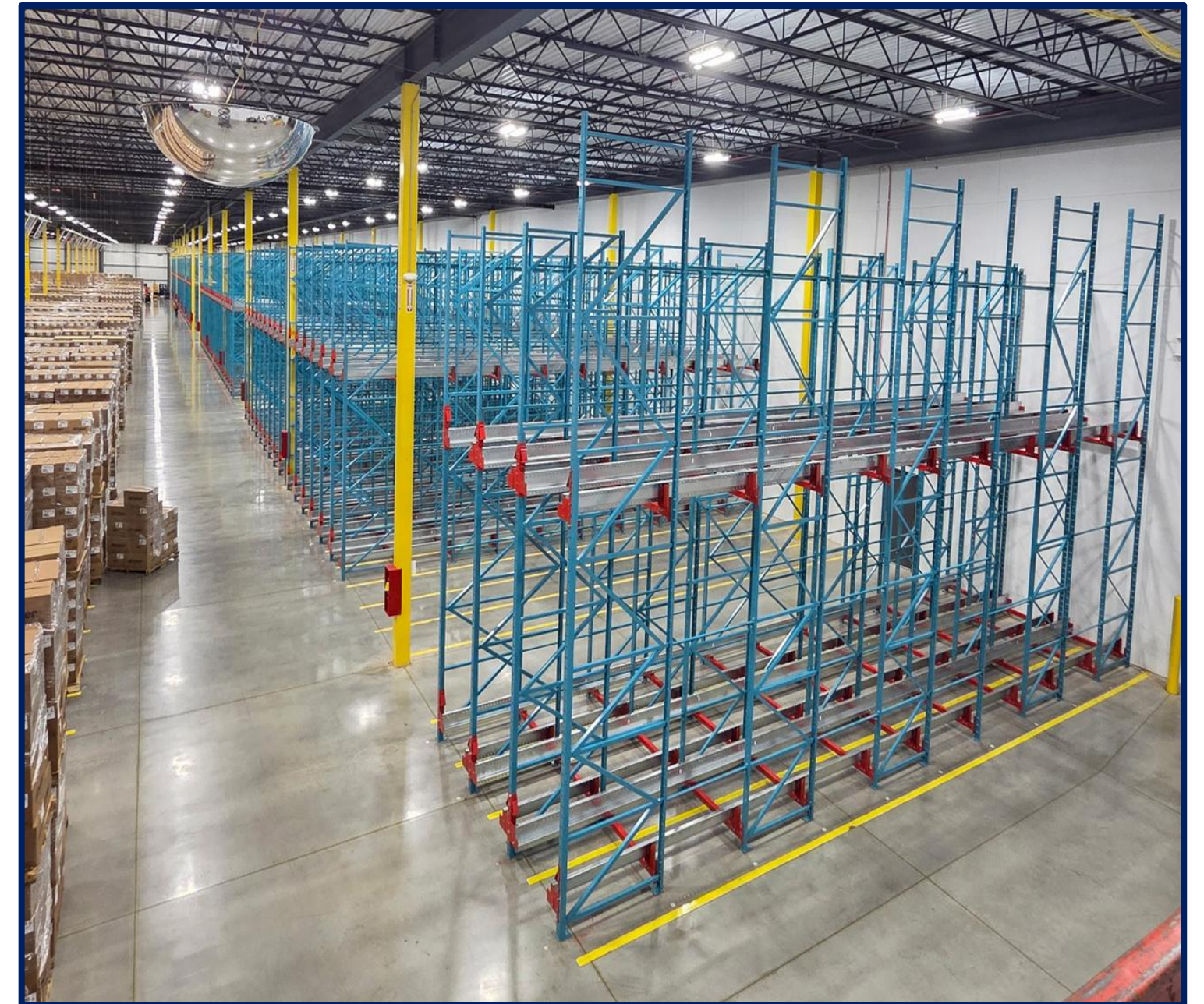
Our Preferred Partners

- Spacemaker is our preferred partner
- Our team can work with anyone
 - In-house engineering



Benefits of working with Spacemaker

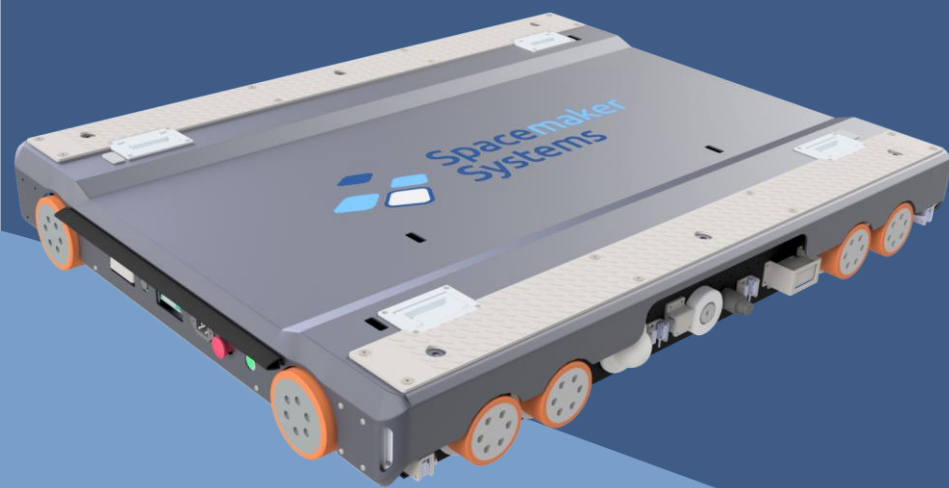
- Taken Distributors to live facilities to meet with maintenance managers, ops managers, etc. – *useful sales tool*
- U.S. based staff & manufacturing





DESIGN OVERVIEW

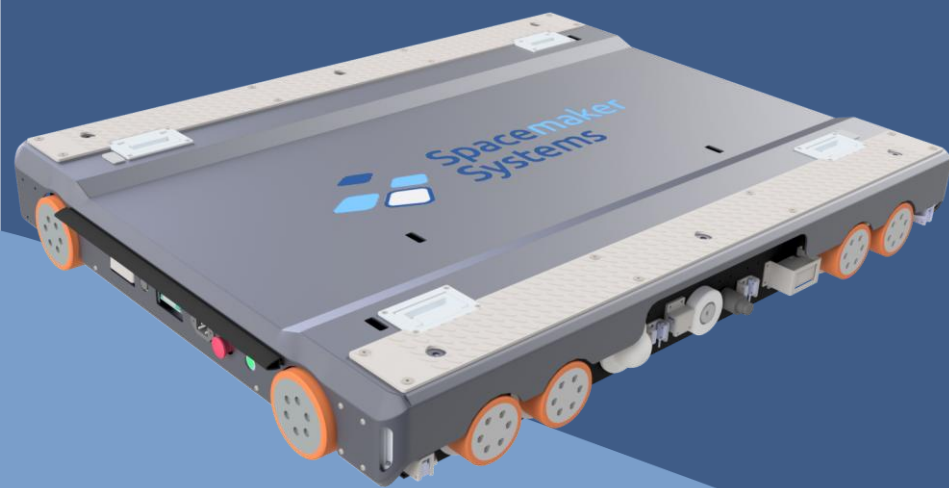
Quad Axis Pro[®]





DESIGN OVERVIEW

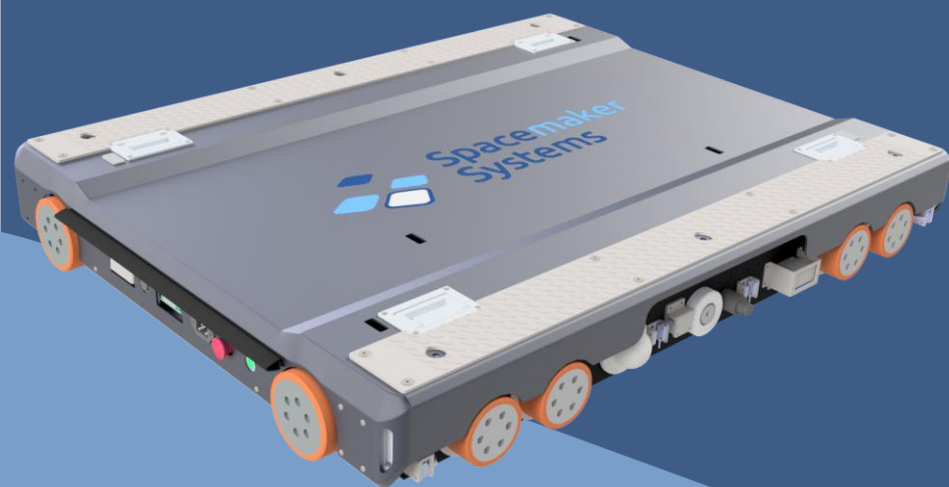
Quad Axis Pro[®]





DESIGN OVERVIEW

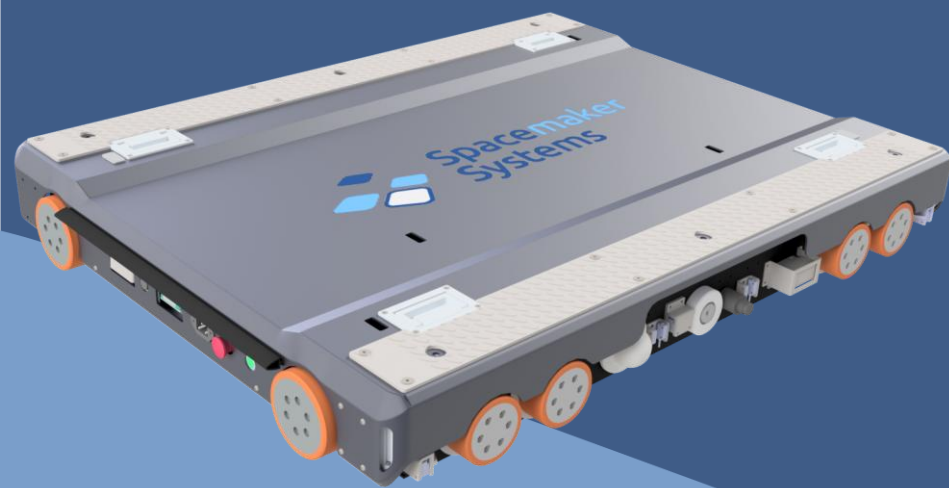
Quad Axis Pro[®]





DESIGN OVERVIEW

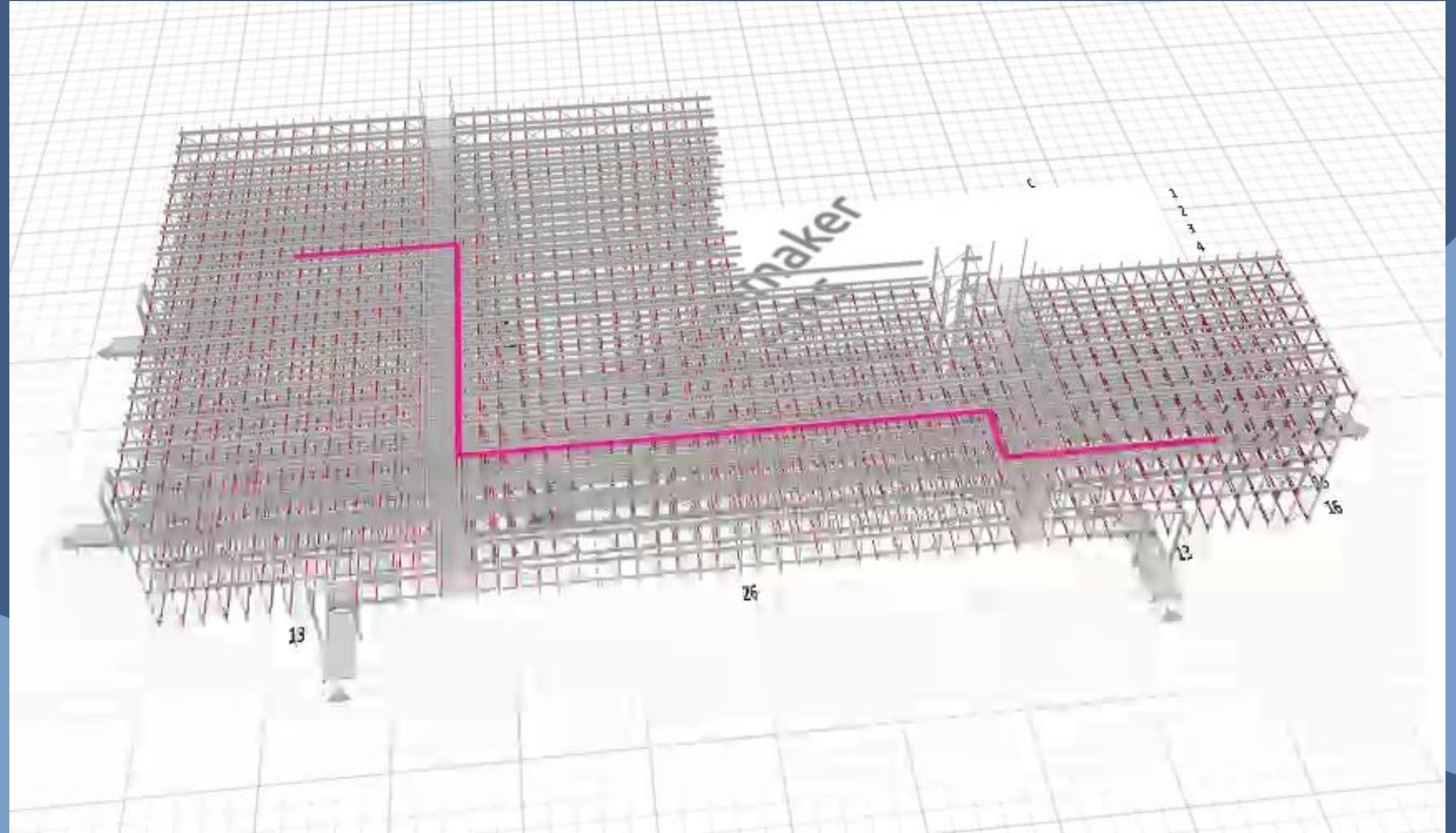
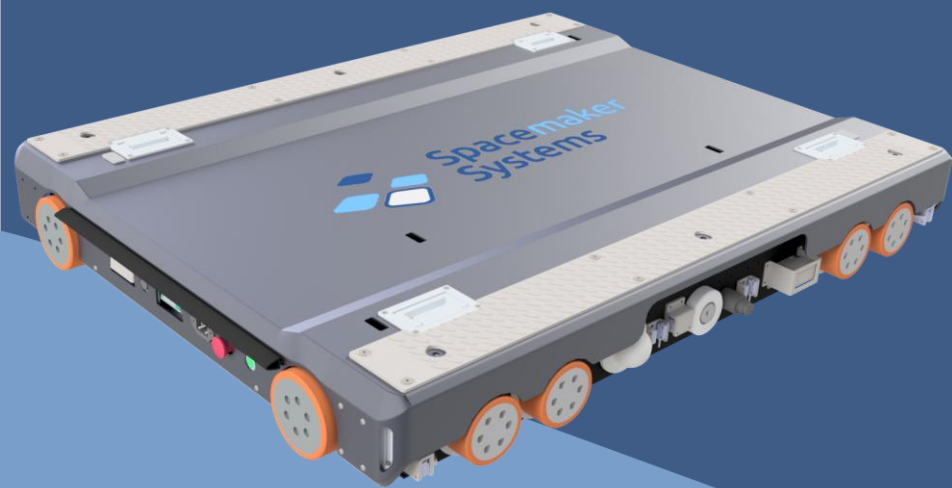
Quad Axis Pro[®]





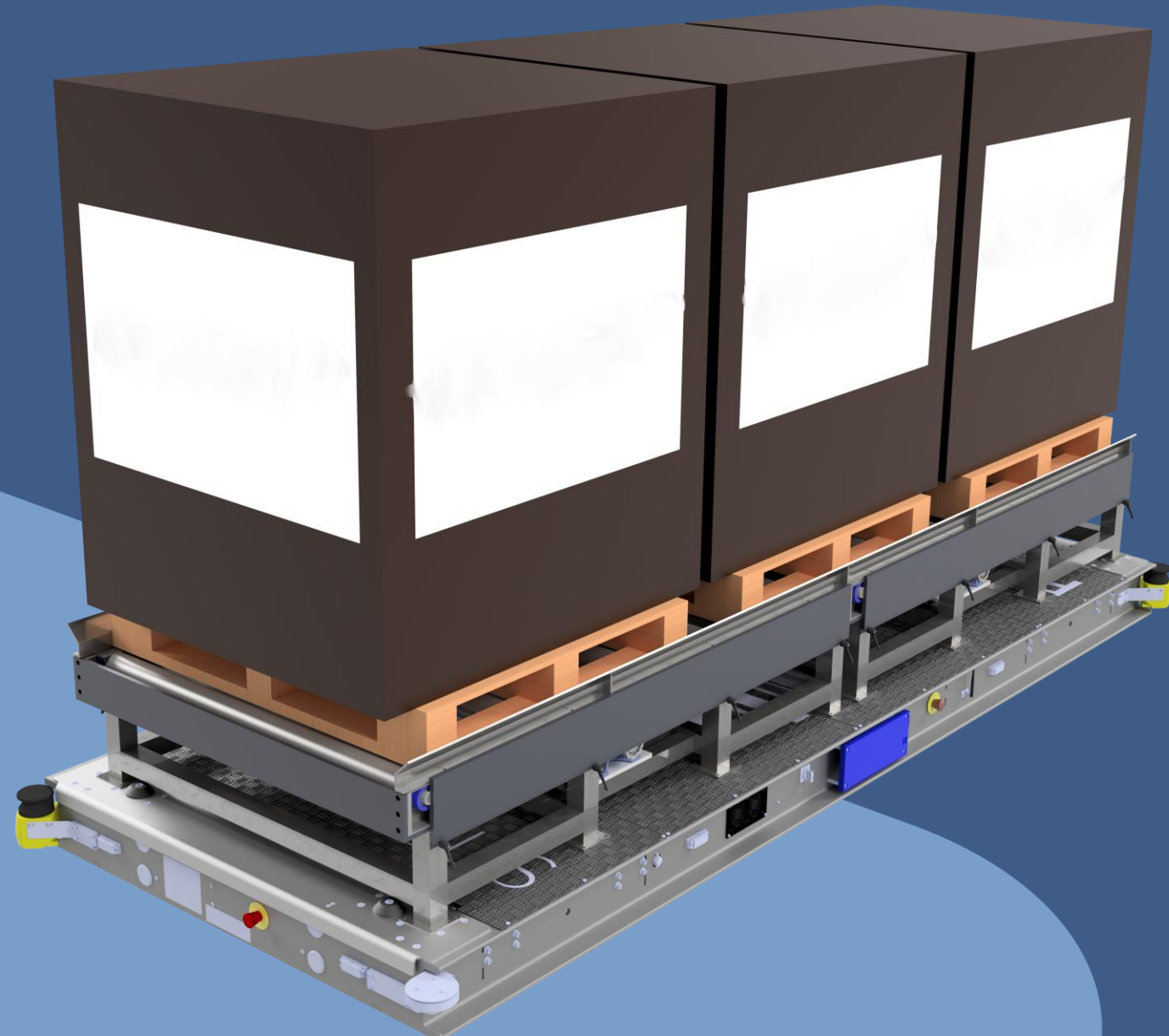
DESIGN SIMULATION

Quad Axis Pro[®]





AGV / AMR



PALLET SIZE
EURO/INDU/CP/
GMA/CHEP

TEMPERATURE
50°F – 105°F

CONTROL
Maestro Traffic Management

CAPACITY
1,500 KG / 3,300 lbs.
To
2,700 KG / 6,000 lbs.

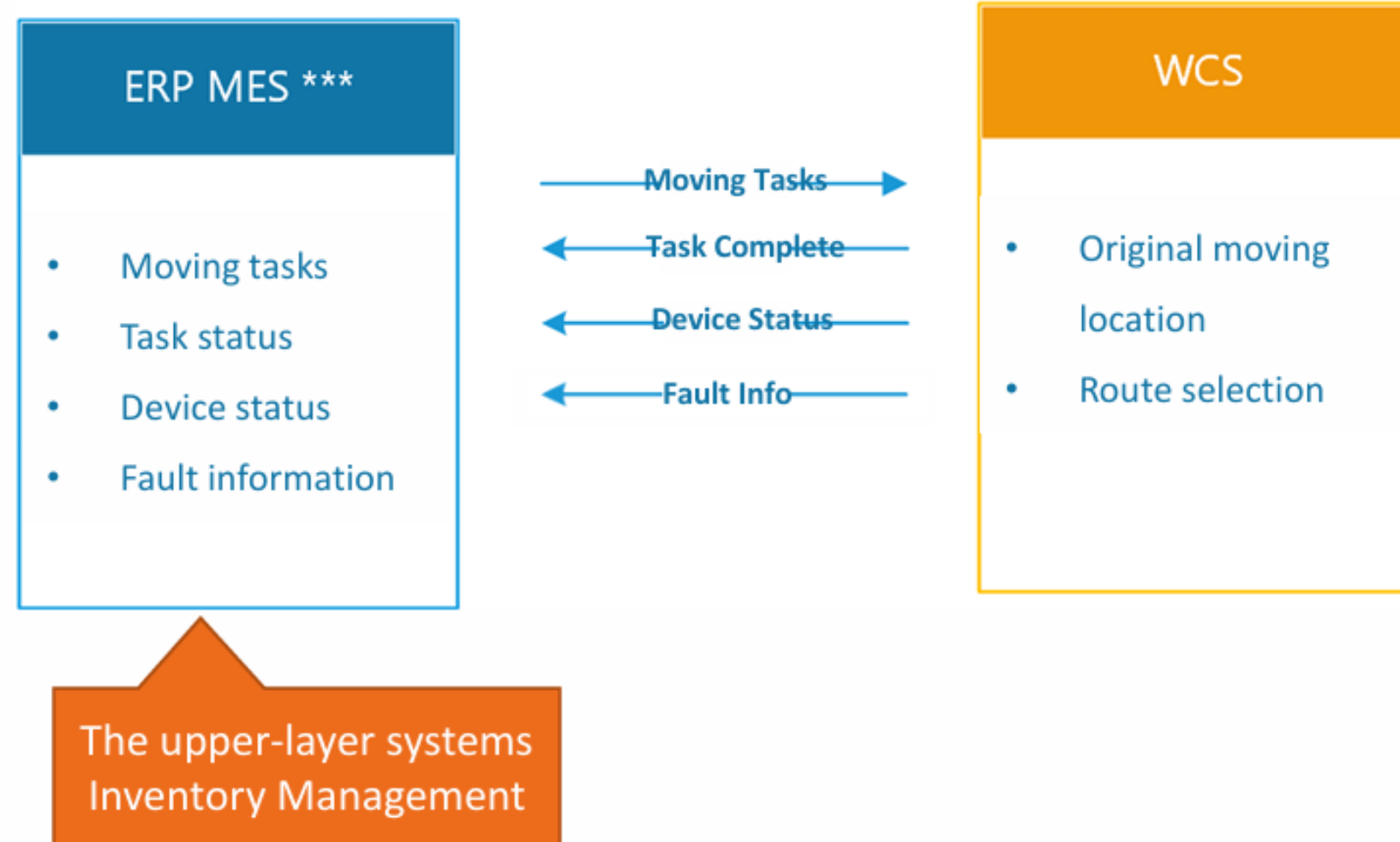
SPEED
Empty/Loaded:
1.5 m/sec.
Omni-Directional

BATTERIES
Lithium
Opportunity Charging

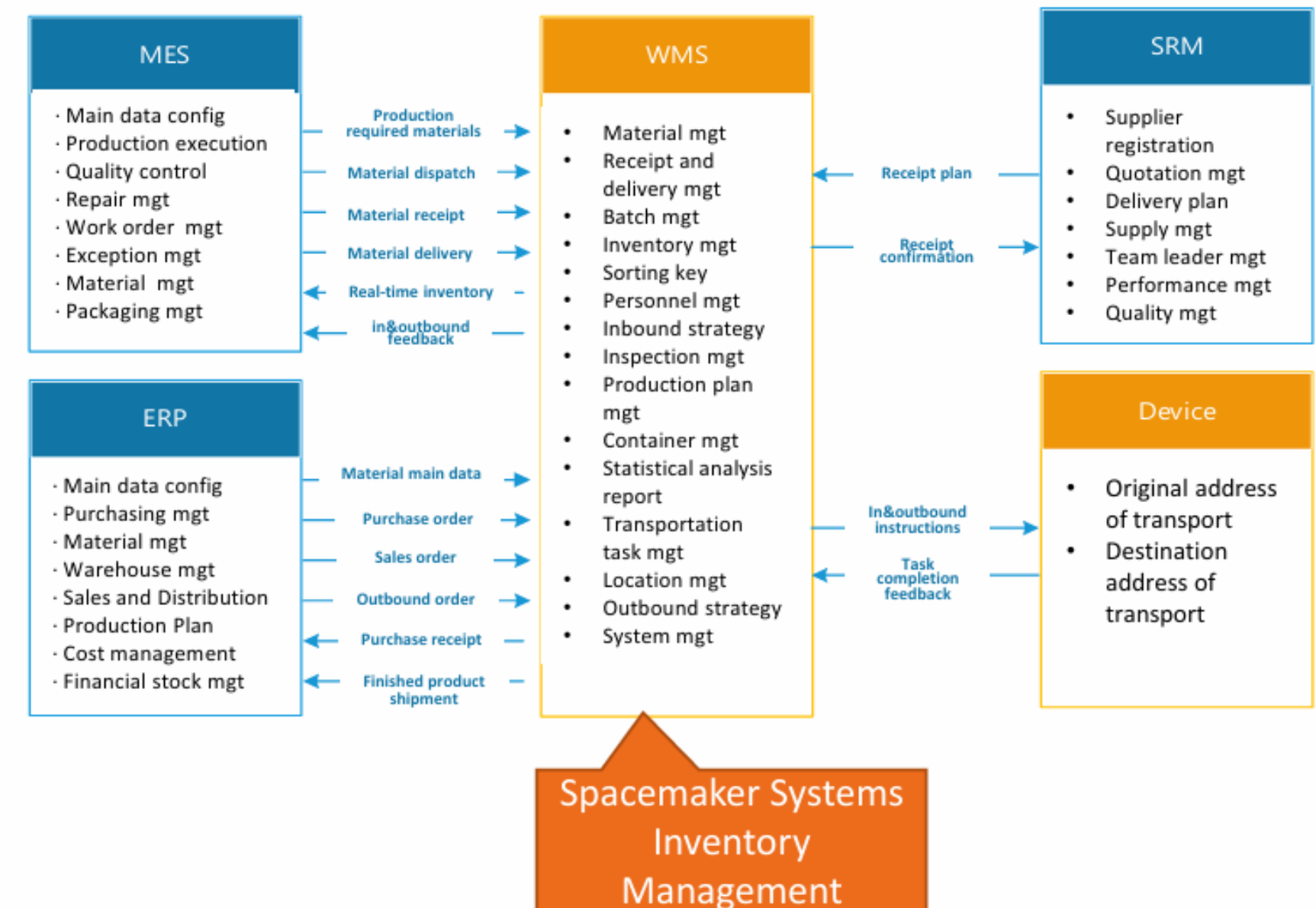


SOFTWARE / API FUNCTION INTRODUCTION

Mode 1: White-box mode



Mode 2: Black-box mode





EXAMPLE SOFTWARE INTERFACE

Multi-Page Tags

Menu

Utilization Rate of Warehouse

Inbound Task

WMS

admin

Online / Log Out

Home Page

System Mgt

System Monitor

System Tool

Config Mgt

Category Mgt

Basic Info Mgt

Business Mgt

Receipt Document

Shipping Document

Inventory Document

Purchase Return

O&M Mgt

Statistics Mgt

Warehouse Utilization Rate

227

Remaining Locations

1161

Total Locations

80.4%

Stock occupancy

Inbound Tasks

0

Under Quality Inspection

Inbound

In stock

Inventory Monitoring

Inventory Monitor

	Number & Name	Quantity	Safety Stock	Warning
1	1000C	0	-	Normal
2	E001_	14	-	Normal
3	E002_	0	-	Normal
4	E003_	0	-	Normal
5	E004_	10	-	Normal
6	E005_	20	-	Normal

Outbound Tasks

0

In Process

Waiting for Sorting

Finished

Inventory Alert

	Number & Info	Quantity in Stock	Days Remaining
1	B2000 2022-0	112	
2	B2000 2022-0	112	
3	B2000 2022-0	6	
4	B2000 2022-0	20	
5	B5000 2022-0	4000	
6	B5000 2022-0	2600	

Account Information

Inventory Alert

Outbound Task



EXAMPLE SOFTWARE INTERFACE

Multi-Page Tags

Field of Search

Function Button

Data List

WMS

admin

Online / Log Out

Home Page

System Mgt

System Monitor

System Tool

Config Mgt

Category Mgt

Basic Info Mgt

Business Mgt

Operations Mgt

Statistical Mgt

Slot Mgt

Slot Tracking

Inventory Mgt

Material Traceability

Dispatch Monitor

Chart Mgt

Home

Log in log

Slot Mgt

Refresh

Pallet ID

Pallet Barcode

BatchNo

usage status

all

Inventory status

all

Pallet Status

all

quality condition

all

warehouse

AS/RS

Row No

entry time

start time

finish time

Material name

Search

Reset

export

release from designated storage location

Quality Control

freeze pallet

unfreeze pallet

operation

	Pallet ID	Pallet Barcode	warehouse	RowNo	usage status	Inventory status	Pallet Status	quality condition	Material	ICspecificatio	Material Type	Material Name	quantity	unit	DOM	BatchNo	FIFO Time
☐	Packing000000919	10000124	AS/RS	Cell:1_5_28_2_A_A	Good	In Stock			R91306	-	RM	R91306	9000	PC			2021-11-26 11:28:22.
☐	Packing000010458	10000101	AS/RS	Cell:3_5_27_2_A_A	Good	In Stock			B90001	-	RM	B90001	2100	PC	20211221	20211221	2021-12-21 00:00:00.
☐	Packing000010577	10000229	AS/RS	Cell:4_5_17_1_A_A	Good	In Stock			R41131	-	RM	R41131	190	PC			2021-12-27 00:00:00.
☐	Packing000010644	10000120	AS/RS	Cell:3_5_15_2_A_A	Good	In Stock			R51101	-	RM	R51101	3400	PC	20211230	20211230	2021-12-30 00:00:00.
☐	Packing000010696	10000200	AS/RS	Cell:1_1_18_2_A_A	Good	In Stock			R31102	-	RM	R31102	1134	PC			2022-01-04 00:00:00.
☐	Packing000010697	10000147	AS/RS	Cell:4_5_5_1_A_A	Good	In Stock			R31202	-	RM	R31202	1600	PC			2022-01-04 00:00:00.
☐	Packing000010699	10000154	AS/RS	Cell:4_1_26_1_A_A	Good	In Stock			R31103	-	RM	R31103	3000	PC			2022-01-04 00:00:00.
☐	Packing000010700	10000118	AS/RS	Cell:3_4_23_2_A_A	Good	In Stock			R31104	-	RM	R31104	3000	PC			2022-01-04 00:00:00.
☐	Packing000010717	10000279	AS/RS	Cell:4_5_8_1_A_A	NotGood	In Stock			R91305	-	RM	R91305	15000	PC			2022-01-04 00:00:00.
☐	Packing000010720	10000258	AS/RS	Cell:1_1_9_2_A_A	Good	In Stock			B70001	-	RM	B70001	4000	PC			2022-01-04 00:00:00.
													Total	42424			

Display records from the 1st page to the 10th page , totaling 994 records with 10 records per page.

1

2

3

4

5

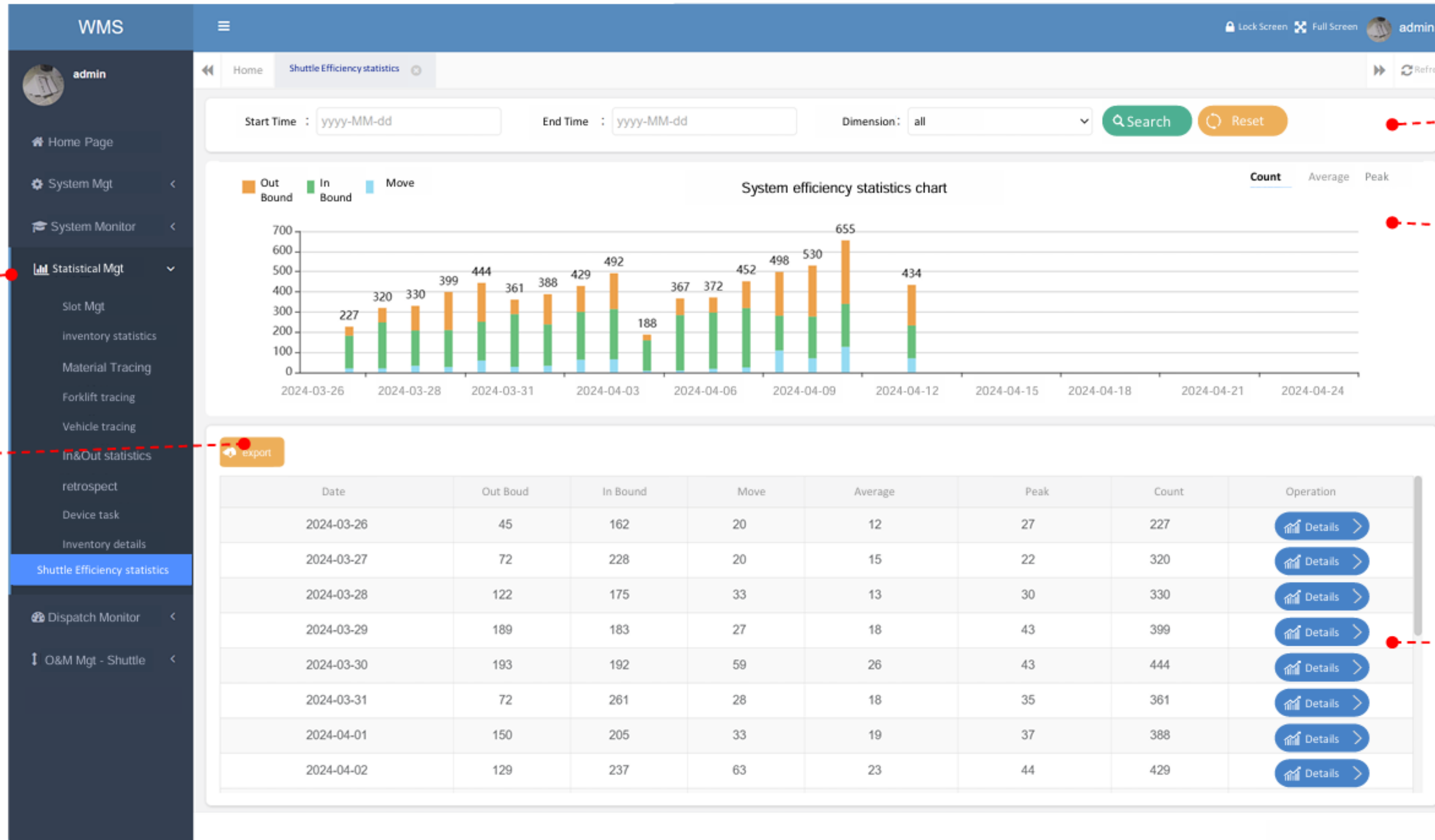
...

100

Data Pages



EXAMPLE SOFTWARE INTERFACE



Statistical Reports

Data Export Button

Data Search Bar

System Efficiency Statistics

Data Details

Operation and Maintenance Data Analysis



EXAMPLE SOFTWARE INTERFACE

WMS

admin

Online / Log Out

Home Page

System Mgt

Device Mgt

Statistics Mgt

Dispatch monitoring

Task monitoring

Real-time monitoring - 4D shuttle

O&M Mgt - 4D shuttle

Ex. Demonstration

Home Shuttle Efficiency statistics Real-time monitoring

Refresh

New Task

Task Type

Pallet Barcode

Device

Source address

Destination address

External task ID

Create Task

1F 2F 3F 4F 5F

23

22

21

20

19

18

16

15

14

13

12

11

10

9

8

7

5

4

3

2

1

2

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49

50

51

52

53

54

40_7_1

Charge point

InBound Station

OutBound Station

unuse point

Lift

Hide task panel

Zoom

Task Info

input task no or barcode

All Task(0)

Manual Task Creation

Task Information

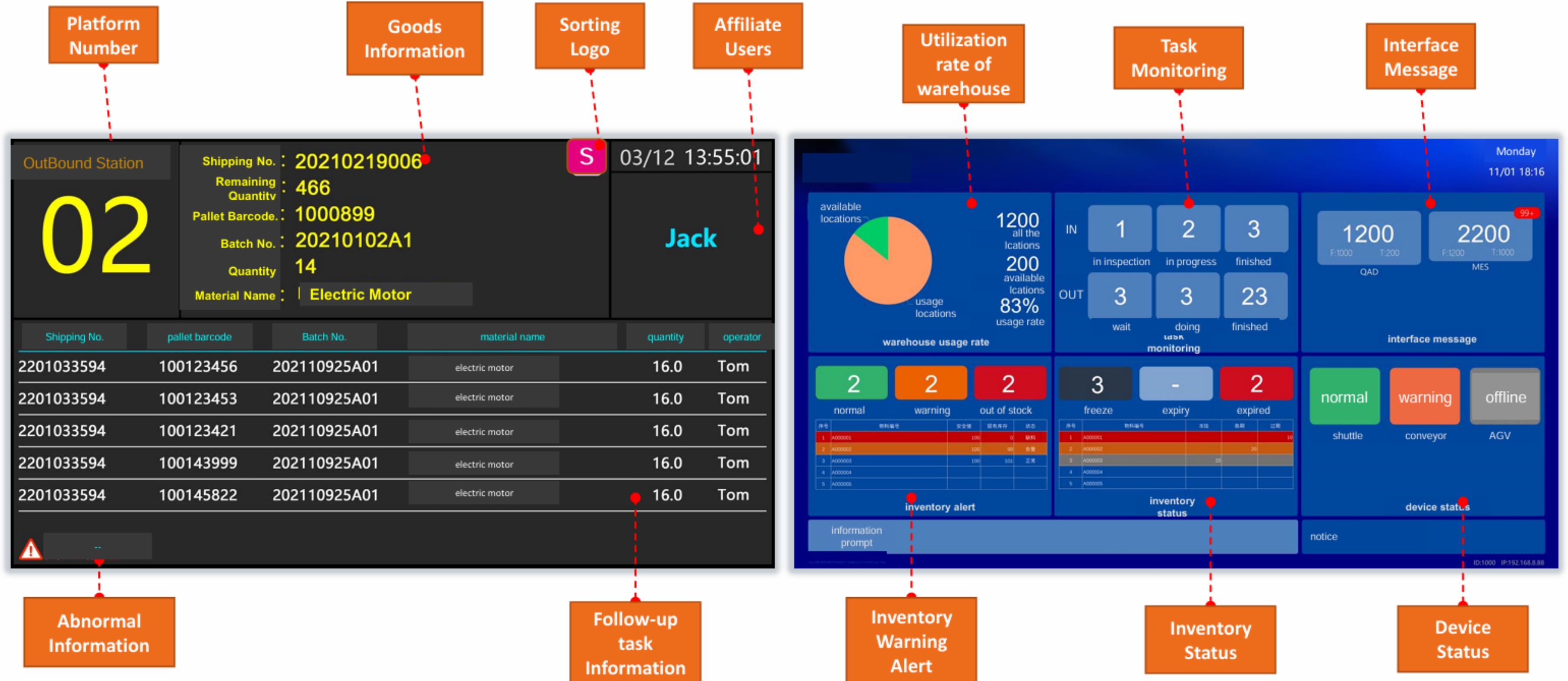
Real-time Shuttle Monitoring

illustrations

Control Interface



EXAMPLE SOFTWARE INTERFACE – DISPLAY BOARD

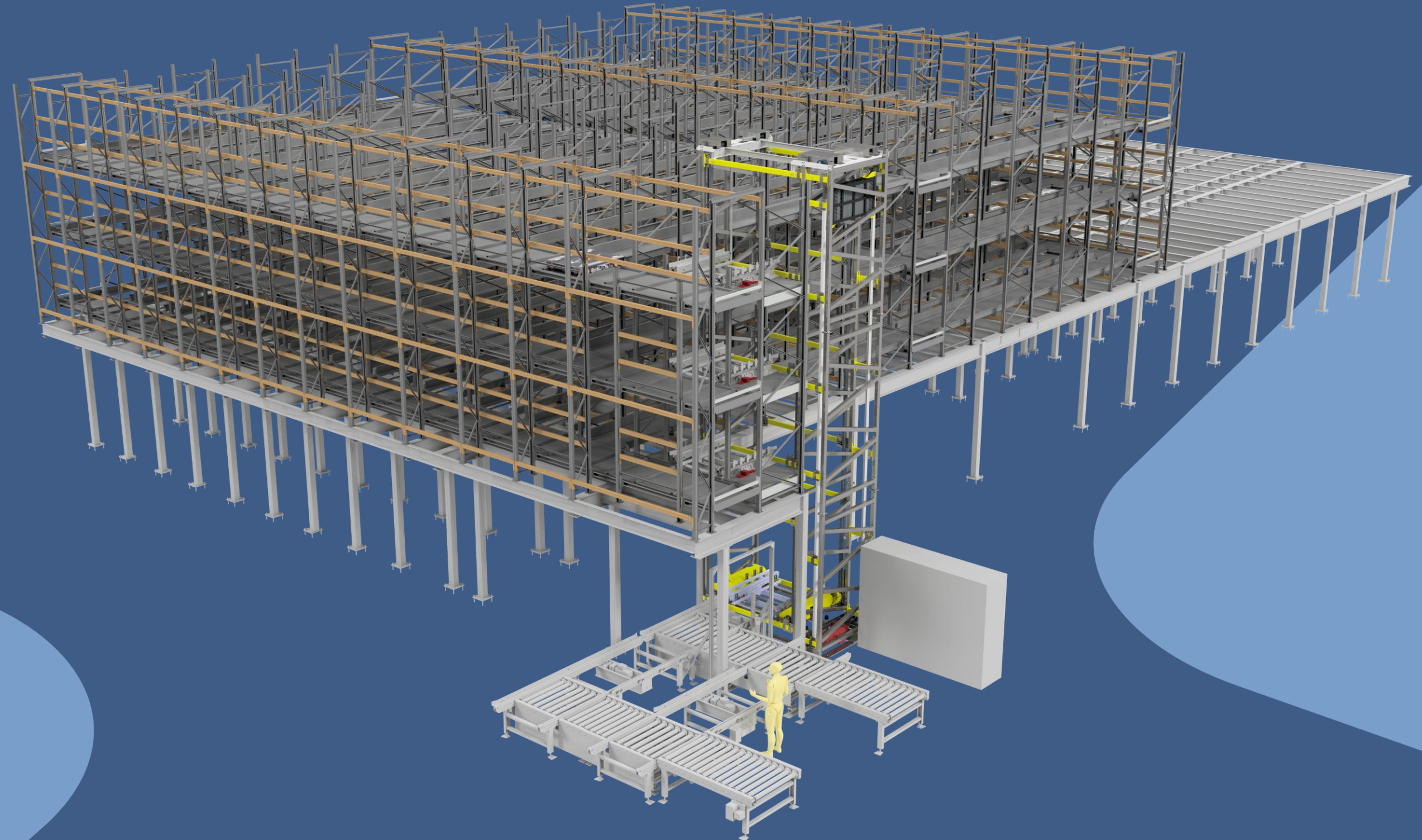




CURRENT PROJECTS

H&D Distributors – Dallas, TX

- 552 Pallet Pos.
- 3 Shuttles
- 1 VTU with Inbound & Outbound Conveyors
- 8,115 SQF Mezzanine
- Throughput: 15-21 pal. per hour

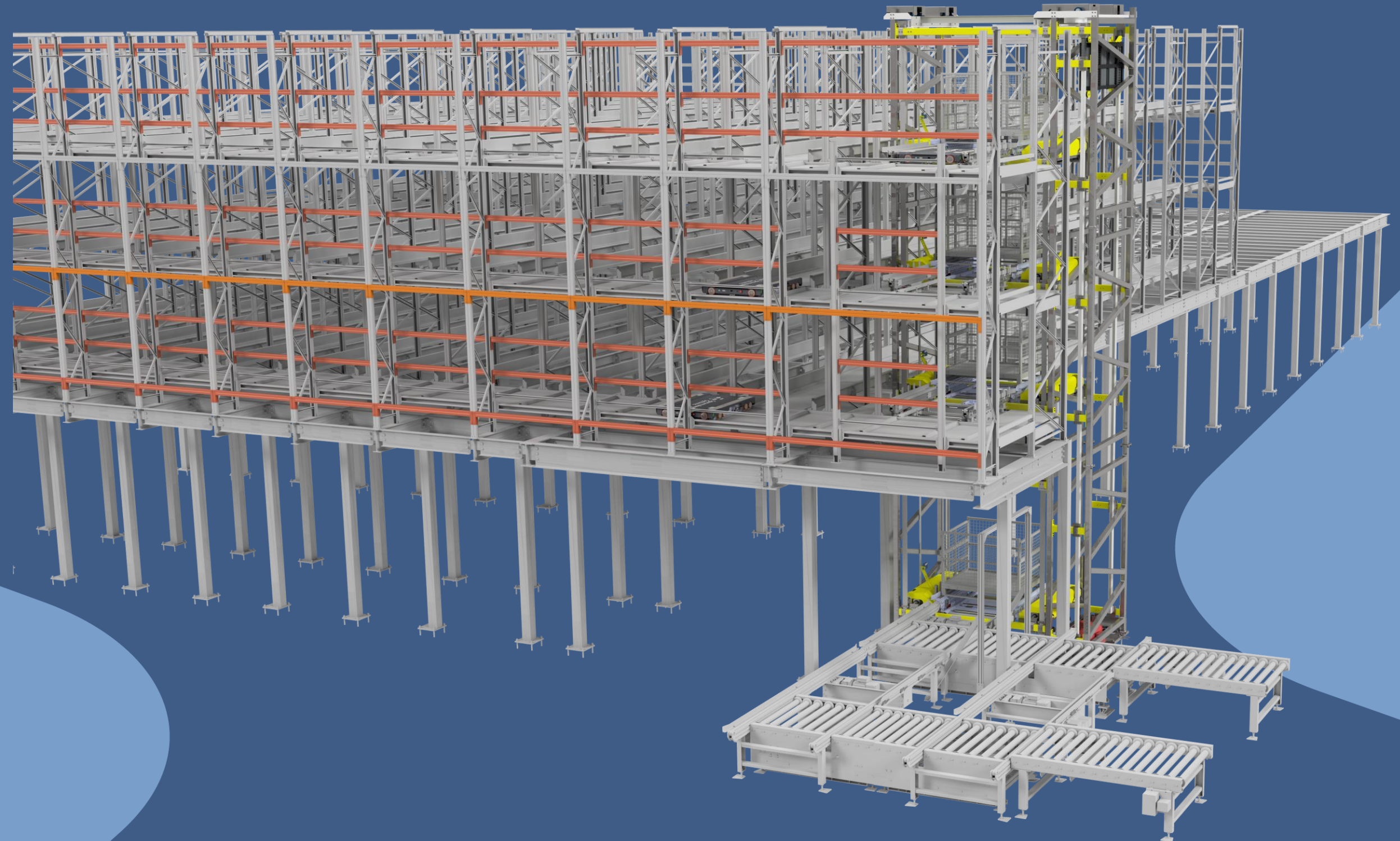




CURRENT PROJECTS

H&D Distributors – Dallas, TX

- **Project award: May 2025**
- **Start of installation:**
- **Sept. 2025**
- **Start of commissioning:**
- **Dec. 2025**
- **Go Live: Feb 2026**

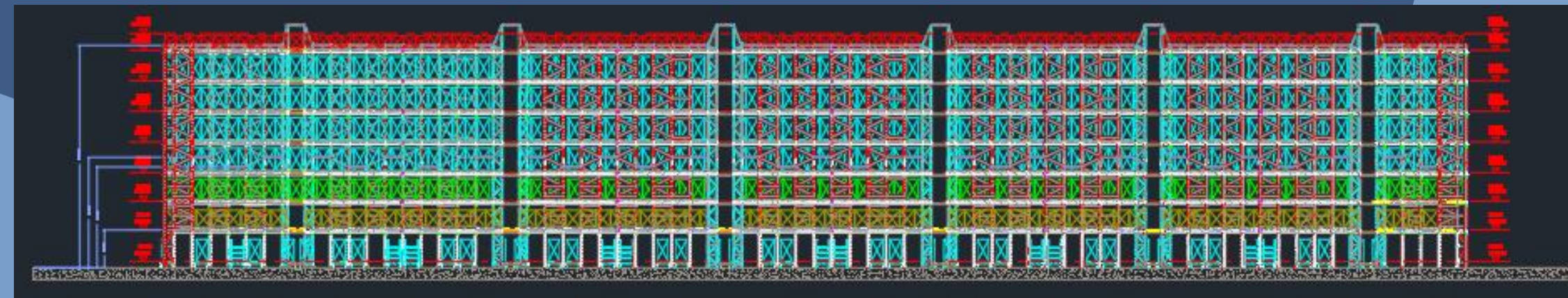
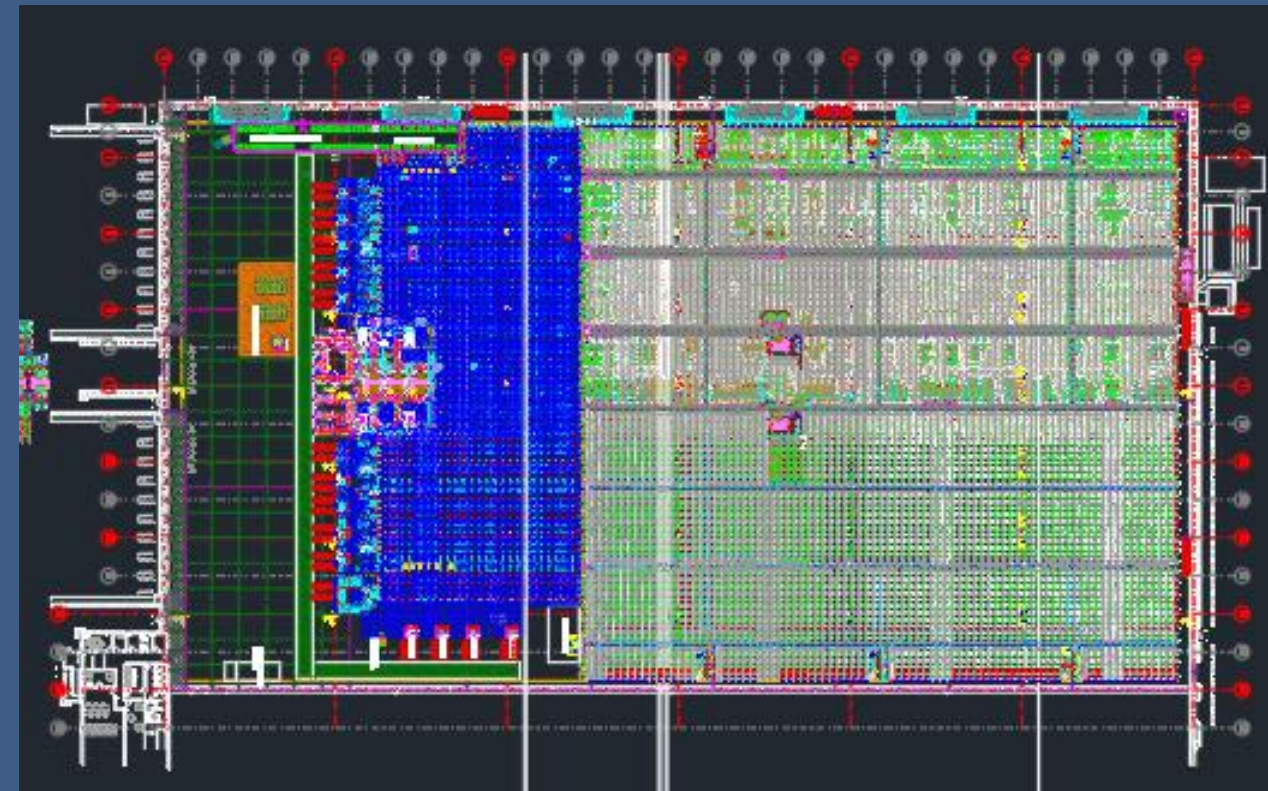




CURRENT PROJECTS

Yusen Logistics – Northampton UK

- ~90,000 Pallet Pos.
- 23 Shuttles
- 5 VTU with Inbound & Outbound Conveyors
- Throughput: 100 pal. IN & 100 pal. OUT per hour

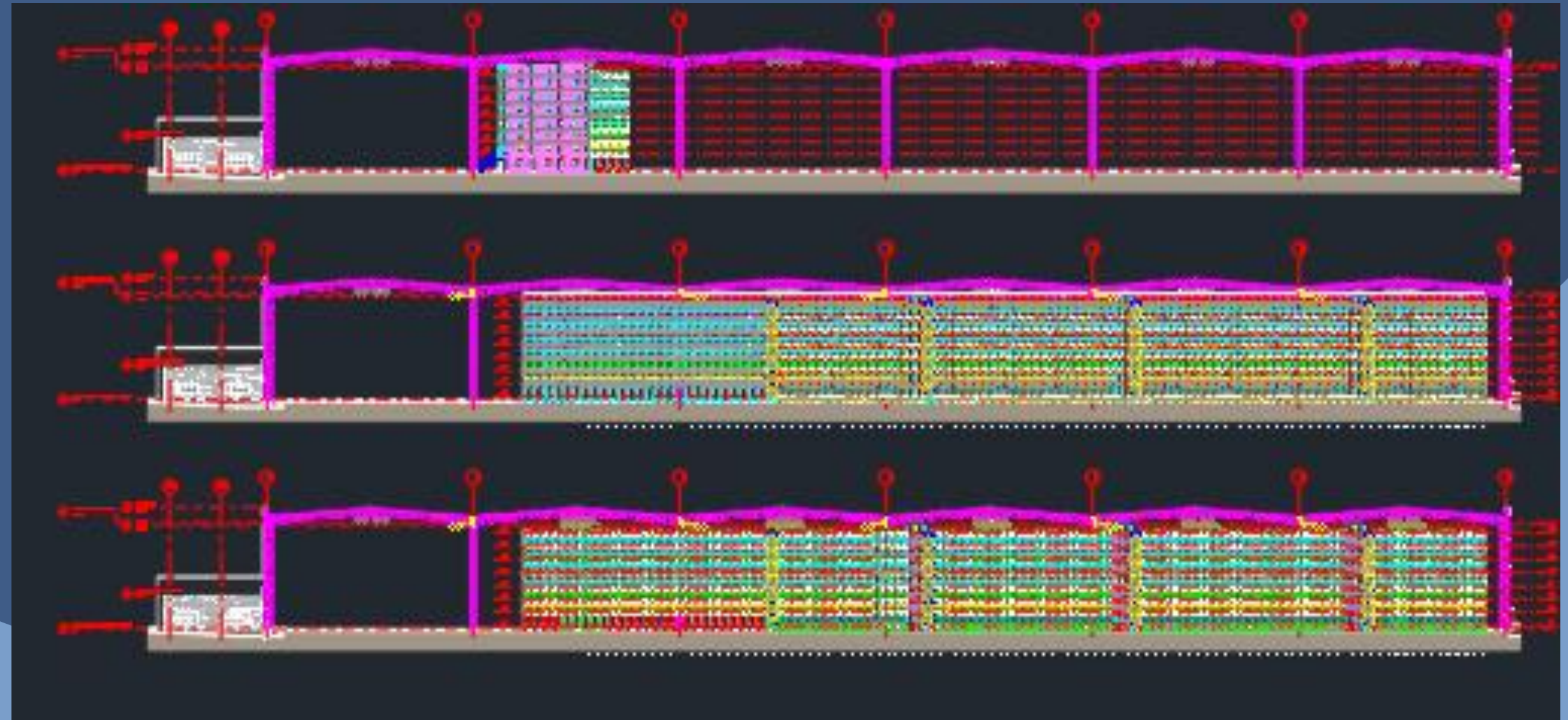




CURRENT PROJECTS

Yusen Logistics – Northampton UK

- **Project award: Sept. 2024**
- **Start of installation: Sept. 2025**
- **Start of commissioning: March 2026**
- **Go Live: Summer 2026**

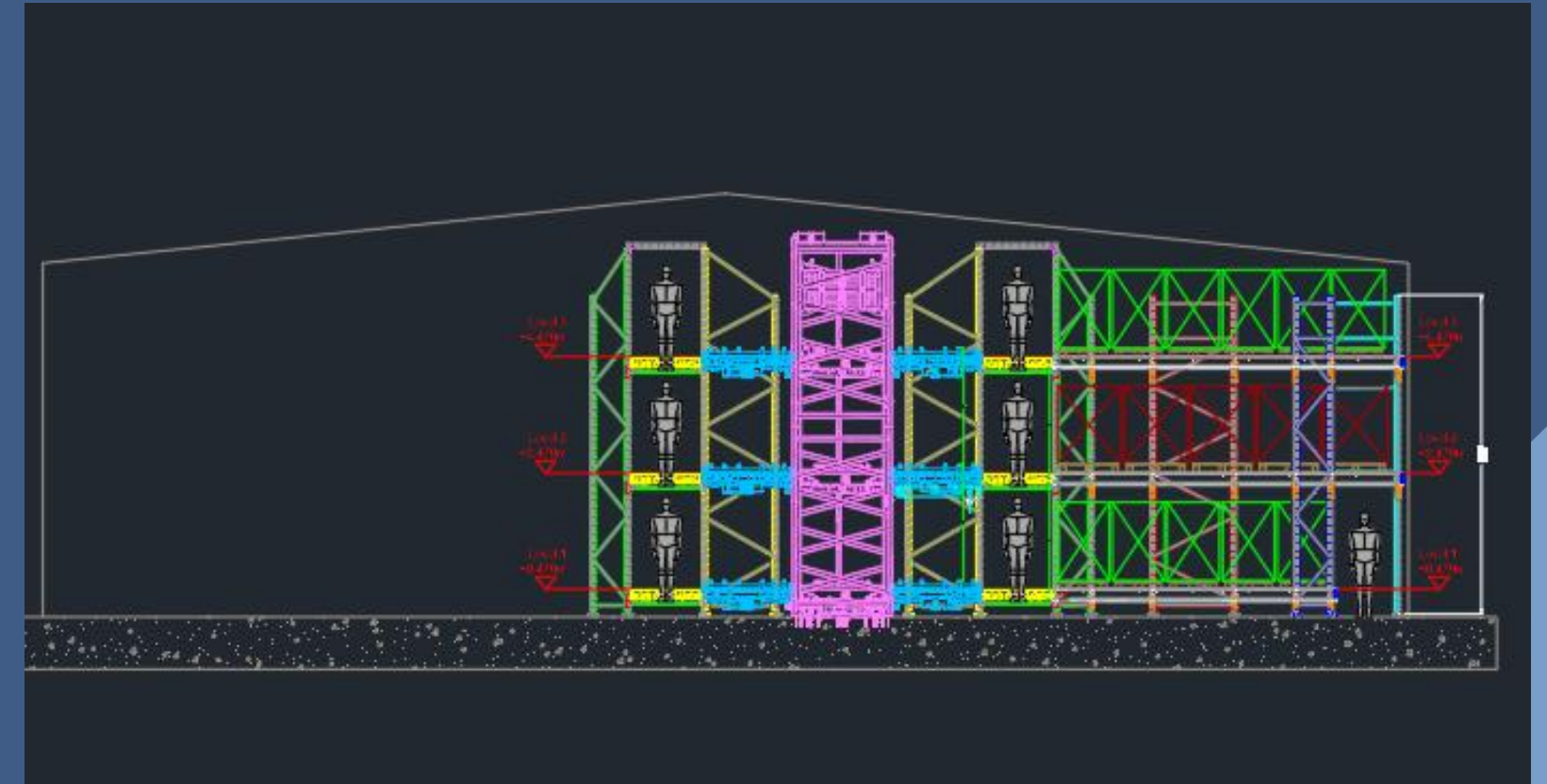
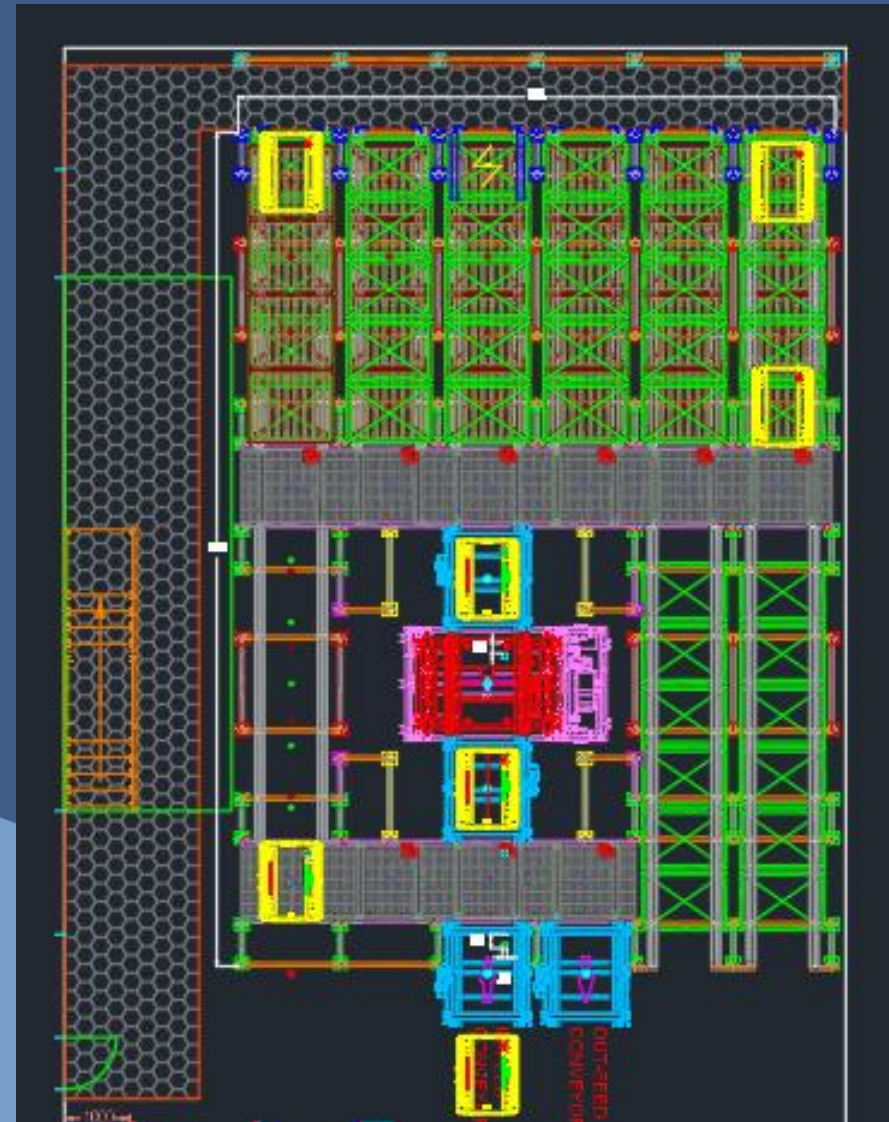




CURRENT PROJECTS

Spacemaker Innovation Center – Nuneaton UK

- 120 Pallet Pos.
- 3 Shuttles
- 1 VTU with Inbound & Outbound Buffer-Conveyors
- 2-way & 4-way combined





PRODUCT SUPPORT



24 Month/4160 Operating Hrs.

Coverage begins from date of delivery. Provides our highest level of warranty available. Covers any repairs or replacement of parts that fail under normal use due to defects in material or workmanship. \$0 due for any repair or replacement of a warrantied part or service. Battery excluded from warranty.



CORE Testing

All shuttles undergo a rigorous 8-hour stress test & commissioning process. CORE components such as PLCs, Converters, Motors, etc. are recommissioned to ensure they are in top shape. CORE components are warrantied, even if they aren't replaced, when they pass the recommissioning process.



Preventive Maintenance

Spacemaker offers annual, bi-annual, or quarterly visits.
12-month agreement
24-month agreement
36-month agreement



Lease or Rent

Enhance customer productivity during peak season with our Lease or Rent program. Designed based on customers needs and shuttle specifications



PRODUCT SUPPORT



Spare Parts & Shuttles

Full spare parts availability in Ocoee, FL. Available within 24 – 48 h.



Repair & Re-Build Program

Spacemaker Systems offers a comprehensive repair and rebuild program.



Software/Firmware

Corporate Guarantee: if experiencing any issues with software/firmware:
Ship us the module in question and we will flash it and ship it back.
Overnight shipping to us and back for minimal down time.



SPACEMAKER & SPEEDRACK – WHY?

ONE PARTNER. ONE TEAM. ONE SOLUTION

Integrated rack, automation, engineering, installation and ongoing support

Win More Business

Increase Project Value

Differentiate Your Offering

**Expand Your Customer
Base**

Reduce Project Risk

Grow Recurring Revenue

“SPEEDRACK + SPACEMAKER gives YOU a way to move beyond selling rack and become a complete high-density warehouse solutions provider.”



Proud to be



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