

RDS

Fleet Management System

「RDS Fleet Management System」 is a new generation dispatching system for mobile robots and factory automation logistics equipment. It provides customers with efficient solutions to quickly build application scenarios through a low-code business process engine, support business in transformation and upgrade to intelligent manufacturing.

SEER
ROBOTICS



Drag and drop and
the project is ready!

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YouTube



LinkedIn

RDS Advantages Overview

Collaborative Planning and Smart Dispatching

Wind Task

Create task by combination of function blocks



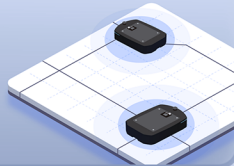
2 Weeks

Recording of robot operation



Intelligent Algorithms (MAPF)

Smart path planning algorithms to solve traffic congestion and avoid deadlock



Faulty Robot Transfer

New robot will take over from faulty robot with mission no interruption



100+

Support 100+ robots simulation

Online Script Customization

Secondary development for customized business based on JavaScript



RDS Fleet Management System

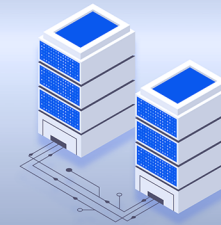


Task Exception Reset

Exception worry-free, automatic reset

Hot Standby

Data synchronization within seconds, real-time takeover if any exceptions



Interface Configuration

Customize new interface by different function block

Hitch Ride and Pre-Ordering Acceptance Model

Maximize efficiency of robot utilization



Configuration Setting

LEGO-like configuration of handheld terminal interface



Complete Documentation

Comprehensive and intuitive

30+

Statistical dimensions

100+

Script preset methods



Just six steps RDS helps projects launch quickly

STEP.1



Demand analysis, to solve basic issues such like type of robot, quantity of robot and navigation.

STEP.2



Achieve demand by editing wind tasks and online scripts in RDS according to business requirements.

STEP.3



Do simulation tests of customized part by RDS, and use the non-customized parts directly.

STEP.4



Complete one-stop deployment of scenarios through Robopshop Pro.

STEP.5



Combine with RDS to carry out system networking and equipment commissioning.

STEP.6



After project launched, robots run normally. RDS will monitor in real time.