

TWINNY COMPANY INTRODUCTION



2026



Dual Autonomy,
Unified Goal

Here at TWINNY, we pursue two forms of autonomy.
First, the world-class autonomous mobile robots capable of navigating wide and complex spaces with precision.
Second, a culture of organizational autonomy that empowers creative individuals to perform at their best.

Like twins—similar, yet distinct—these two autonomies move toward a single goal: **Reducing human burden and increasing freedom.**

With unrivaled autonomous driving technology and intelligent service platforms, TWINNY is delivering the convenience of autonomy across logistics centers, factories, apartment complexes, and urban environments.

As we continue our mission to build a safer and more efficient world, TWINNY is committed to bold innovation—charting the optimal path forward through difference.

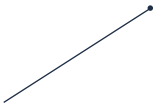
Co-CEOs
Hongseok Cheon & Yeongseok Cheon

CEO
Hongseok Cheon



Chief of R&D

- 2000 - 2005 Bachelor of Electricity, Battery and Radio Engineering, Korea University
- 2005 - 2007 Masters, KAIST Graduate School of Electrical and Electronic Engineering
- 2007 - 2019 Ph.D. KAIST Graduate School of Electrical and Electronic Engineering
- 2022 Commendation, Deputy Prime Minister and Minister of Strategy and Finance
- 2022 Prime Minister’s Commendation - Contribution to Science and Technology Promotion



- 2000 - 2005 Bachelor of Business Administration, Korea University
- 2007 - 2015 Small and Medium Venture Business Corporation
- 2022 Presidential Commendation
- Small and Medium Business Merit

CEO
Yeongseok Cheon



Chief Operating Executive

History

	2015 Corporation Established
2017	Venture Business Certification No.20170400365, 20190401246, 2010507010034 Registered as an Industrial Design Specialized Company No.07014 Innovation Award for SMEs & Mid-sized Companies Technology Innovation Category TWINNY Co., Ltd.
2018	Established an AI Robotics Research Lab Certified as a Strong SME by the Ministry of Employment and Labor Selected in 2018 and 2020-2022 Selected as an Employment Excellence Company by Daejeon City Certified as a Promising SME by Daejeon City
2019	Youth-Friendly Strong Company by the Ministry of Employment and Labor Selected consecutively since 2019 Selected as a 2019 Design Innovation Promising Company Daejeon Women-Friendly Company Selected consecutively since 2019 ICT Innovation Technology Mentoring Minister's Award CEO Hongseok Cheon Certified Family-Friendly Company by the Ministry of Gender Equality and Family Selected consecutively since 2019
2020	Selected as a 2019 DNA Innovation Company by MSIT and NIA Certified as a Management-Innovation SME(Main-Biz) Named a Global IP Star Company Certified Work-Life Balance Company Selected consecutively since 2020 Selected as a Baby Unicorn by the Ministry of SMEs and Startups CMMI Level 3 Certified

2020	Ministry of Trade, Industry and Energy – Machinery & Robotics Industry Award Minister's Award CEO Hongseok Cheon MOTIE R-BIZ Challenge Presidential Award TWINNY Co., Ltd. National Innovation Company by the Ministry of SMEs and Startups Selected as one of the National Champions 1000 Established an Employee Stock Ownership Association Korea Robot Company of the Year – Robot News Selected consecutively since 2020 26th Daejeon Economy & Science Award Venture Company Category CEO Hongseok Cheon 2020 Promising Technology Commercialization by KIRIA 1st Place in Mock Crowdfunding
2021	Certified IP Management Company by KIPO Selected as a Talent-Development SME by the Ministry of SMEs and Startups Selected for AI+X Top 100 by the Intelligent Information Industry Association Asia-Pacific High-Growth Companies 500 Ranked 101st among 500 by the Financial Times(UK) Selected as a Preliminary Unicorn by MSS Korea SME & Startup Awards Venture Business Association Chairman's Award CEO Youngseok Cheon Korea Logistics Award by the Ministry of Land, Infrastructure and Transport Minister's Award TWINNY Co., Ltd. Industrial Technology Convergence BM Challenge(I-CONTEST) 1st Place in the Robotics Category Selected as an Excellent Workplace Innovation Company(Grade S) Certified Inno-Biz(Technology-Innovation SME) Technology Innovation Merit by MSS Minister's Award CEO Hongseok Cheon 1st Place in the HOBAN Group Innovation Technology Competition

2021	ICT Convergence Contribution Award by MSIT Minister's Award Director Jaesung Kim
2022	Acquired ISO 13482 Certification AMR+Target Following Robot DualGo Registered as a Specialized R&D Business No. 20223295 Korea New Deal Merit by the Ministry of Economy and Finance Minister's Award CEO Hongseok Cheon Impact Tech Award by MSIT Minister's Award TWINNY Co., Ltd., JalTarGo Science & Technology Promotion Merit by MSIT Prime Minister's Award CEO Hongseok Cheon SME Merit by the Ministry of SMEs and Startups Presidential Award CEO Youngseok Cheon Korea Startup Culture Award – KCCI Chairman's Award TWINNY Co., Ltd. 4th Industrial Revolution Award by MSIT Korea Post Service Award TWINNY Co., Ltd. Korea ICT Award by MSIT Minister's Award TWINNY Co., Ltd.
2023	Launch of NarGoW100 2023 Korea 4th Industrial Revolution Leading Company Award – Money Today 18th Robot Award Merit by MOTIE Minister's Commendation Director Taehyung Kim 2023 SME Management Innovation Competition Encouragement Award by Korea Association of Management Innovation SMEs TWINNY 2023 ICT Patent Management Award – KIAT Commissioner of KIPO Commendation TWINNY Daejeon D-Unicorn Entrepreneurs' Day Mayor's Commendation TWINNY Daedeok Innopolis Venture Association – Daejeon SME & Startup Day Mayor's Appreciation Plaque Director Jaehun Lee Exemplary SME Merit – Daejeon-Sejong MSS Office Minister of SMEs and Startups Commendation Director Hyungchul Moon Selected as Korea Robot Company of the Year 2023 – Robot News

2024	2024 E-Commerce Pitching Festa Grand Prize – KEA(Korea Electronics Association) Acquired ISO 9001 Quality Management Certification G-CERTI(GCT-3192-QC) Issued Inno-Biz(Technology-Innovation SME) Certification No.210503-02024, Ministry of SMEs and Startups FIX 2024 Innovation Awards Daegu City – Best Innovation in Robotics Selected as an Excellent Employee Invention Compensation Company No.2024-00468, KIPO 2024 SME Technology & Management Innovation Expo Minister of SMEs and Startups Commendation – Win Cooperation Foundation D-Unicorn Entrepreneurs' Day Mayor's Appreciation Plaque 2024 New Technology Transaction Networking Day Chairman's Award – Korea Technology Exchange Association 2024 Patent-Driven R&D Conference Excellence Award – Korea Institute of Patent Strategy & Development Selected as Korea Robot Company of the Year 2024 – Robot News
2025	Developed and Launched DaruGo, Autonomous Navigation Software Solution 2025 Future Mobility Award Excellence Award – Seoul Mobility Show Organizing Committee Merit Award for Invention Promotion No.19834, MSS Director Jaehun Lee Signed an MOU with Kurly for Logistics Automation Services Exploring Robotic Business Collaboration with Hurim Robotics Selected for Ministry of National Defense Pilot Use of Excellent Commercial Products NarGo 9th Digital Future Innovation Award No.2025-149 NarGoW100

Mission · Vision

Giving Sweets,
Taking Sweats
through Autonomous
Driving Technology

MISSION

VISION

The Convenience of
Autonomous Driving
Anytime, Anywhere

CORE
VALUE

Professional
Responsibility

We pursue an attitude
of fulfilling responsibility
according to freedom and
authority.

Reasonable
Horizontality

Regardless of position or age,
we aim for a culture where better
opinions are empowered.

Goal-driven
Autonomy

While finding ways to achieve
the best performance, we create
a healthy autonomous culture
in harmony with the team's goals.

Technical Patents

As of May 2026

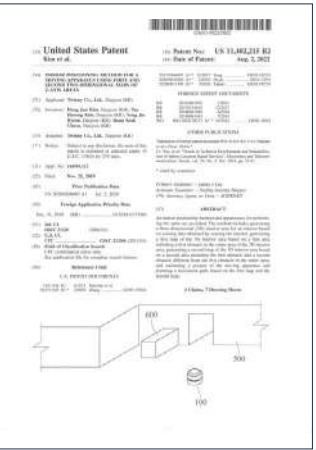


Domestic Patents

69 registered
19 pending

International Patents

14 registered
23 pending
(Including PCT Applications)



Domestic
Trademarks

44 registered
6 pending

International
Trademarks

6 registered
6 pending

Domestic Design
Registrations

22 registered

Copyrights

7 registered

Autonomous Mobile Robot
Supporting Efficient Picking Operations

NarGo W100

Easy Deployment, No Infrastructure Required

No additional infrastructure is required, enabling immediate deployment in existing warehouses.

64.4% Reduction in Labor Costs

A single robot can reduce labor and operational consumable costs by up to 64.4%.

Efficient Warehouse Operations

Reduces duplicate, missing, and mis-picking errors, improving efficiency and lowering operating costs.



TWINNY Total Picking,
Multi-Order Picking Solution

Case Studies

STL



YONGMA LOGIS



PICO Innovation



Agabang&Company



Charm Logistics



TWINNY's New Product
Tailored to Factory Operations

NarGo F300, F600



Basic Type



Trolley Type



3D Sensor Type



Robot Arm Type

Increased Productivity

Improved efficiency and accuracy enable 24/7 operation and faster task execution.

Reduced Operating Costs

Robots take over repetitive tasks, reducing labor costs and management burden.

Improved Workplace Safety

Automates the transport of heavy loads up to 300 kg or 600 kg, creating a safer working environment.

Software

Any Robot, Any Hardware
Autonomous Navigation Software

DaruGo

High Scalability Compatible with Any Robot Platform

Applicable to TWINNY robots as well as various mobile robots, with seamless integration to upper-level systems(HTTP, WebSocket, Digital I/O, Modbus TCP).

High-Performance Autonomous Navigation Technology

Provides stable autonomous navigation in large and complex indoor environments without additional infrastructure.

Flexible Automation with Script-Based Workflows

Enables automation through scenario editing without professional developers, allowing rapid modification and expansion.

Integrated Control and Multi-Robot Operation

Supports traffic control and real-time monitoring of multiple robots, while centrally managing maps, scripts, and settings.

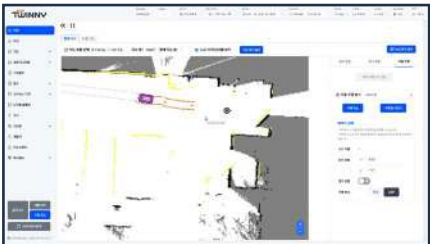
Intuitive Widget-Based UI and Operational Screens

Build customized dashboards without web development and easily modify functions and screens during operation.

Flexible Deployment and Operating Environment

Supports both cloud and on-premises environments and can operate independently without an upper-level system.

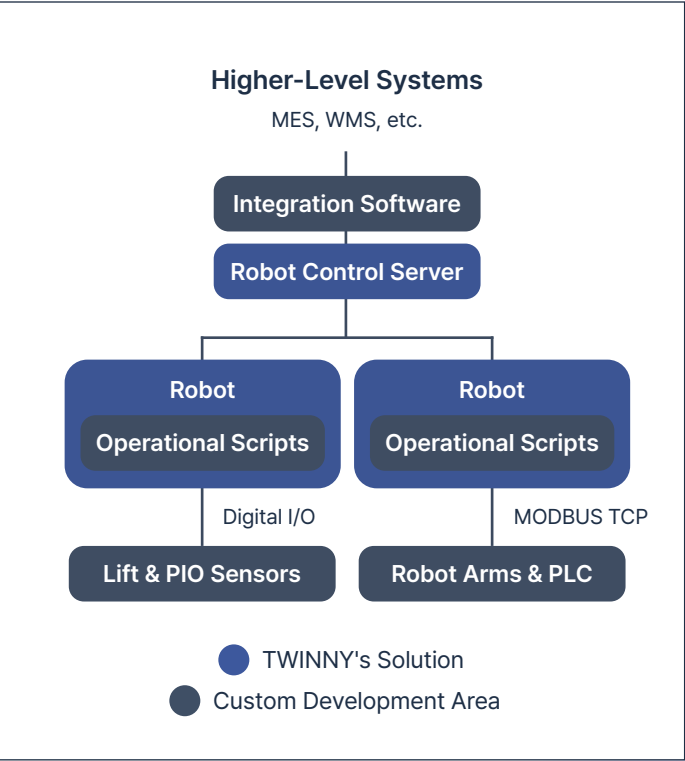
Map Creation



Script Editing



DaruGo
Robot
Control
Interface



DaruGo
System Integration Architecture

Robot Control Server

- Accessible via web browser
- Available on-premise or cloud

Autonomous Mobile Robots

- Web-based access
- Autonomous driving control interface
- Fully autonomous operation

TWINNY Autonomous Navigation Software Solution
Case Studies

Fieldro



Pohang Supermarket Cooperative



KORAIL Gwangmyeong Station



The Autonomous Delivery Robot
for Inter-Floor Transportation

NarGo D40

Replaces Simple Transport Tasks

Reduces worker fatigue
and labor costs.

Enhanced Corporate Image

Smart branding through
advanced technology adoption.

Contactless Smart Delivery

Safe and reliable
contactless service.

Ideal for High- Rise Buildings

Inter-floor transport
through elevator integration.



Capable of Customization and
Autonomous Navigation in Various Environments

NarGo Series



No Infrastructure Required

Reduces infrastructure installation
and maintenance costs.

Manufactured in Korea

Produced by domestic manufacturers
with in-house quality inspection.

TWINNY Delivery Solution Case Studies

Sejong Smart Village



TWINNY HQ Delivery



TWINNY NarGo Series Case Studies

NSK



Nepes Ark



Korea Air Force
Academy Library



Korail Gwangmyeong
Station



A Specialist in
Autonomous Logistics Robots,

TWINNY

Website



YouTube



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