



Innovation Beyond Technology

DAEDONG GROUP

Company Introduction



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DAEDONG

Introduction



Prologue

Innovative Technology Solutions

Since its founding in 2003, **Daedong HI-LEX** and **Daedong Door** have grown into a global automotive component company in the field of automotive door mechatronic systems through relentless research and development, technological innovation, and a spirit of challenge.

Customer Satisfaction

We prioritize the maximization of customer satisfaction as the utmost value in our management approach. Leveraging our global network and accumulated capabilities, we aim to become a trusted partner for our customers.

To realize customer satisfaction, we possess top-tier technical expertise and state-of-the-art production facilities. We continually pursue change and innovation to secure global-level technology and products.

Pioneering Spirit for Sustainable Growth

Daedong HI-LEX and **Daedong Door** aspire to be a leading company in a rapidly changing business environment and evolving automotive industry paradigm. Through a flexible and dynamic organizational culture, we will continue to contribute to our customers, members, society, and the environment.

Hak Sung Song 
President & CEO



Our Vision

YOUR TRUSTWORTHY PARTNER FOR AUTOMOTIVE CLOSING MECHANISM SOLUTIONS

Electrification

The electrification of automobiles is an essential and inevitable technology for enhancing customer comfort and convenience. Intelligent networks of sensors and actuators will introduce users to new functional experiences.

Automation

In a multi-variety, large-scale production system, achieving production automation improvements will lead to quality stability and continuous productivity enhancements.

Safety

Enhancing safety is essential in the era of autonomous mobility. We are committed to developing mechanisms that customers can trust and rely on through the strengthening of safety features.

Integration

As an integrated door closing mechanism specialist, we will enhance our technological capabilities, moving away from the combination of individual elements such as door latch, ECU, module, and focus on providing Intelligent door closure systems.

Overview

About Daedong Hi-LEX Group

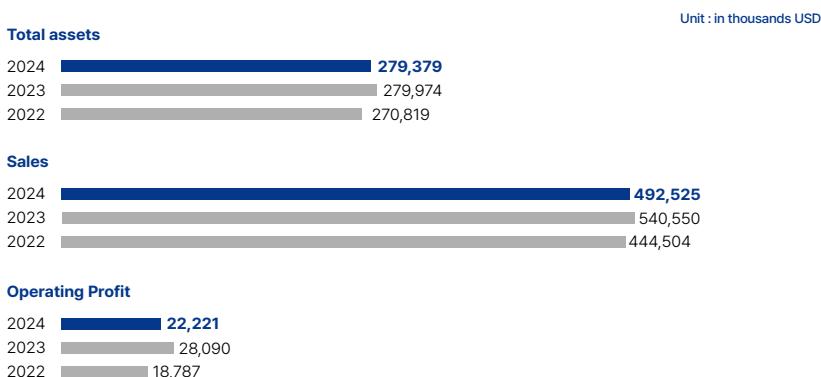
Daedong HI-LEX Group is an automobile parts company that specializes in providing technically high-quality and intelligent safety closure and drive systems. The company primarily focuses its expertise and capabilities on automotive door access systems. The system comprises (1) Door Components, (2) Door Systems, and (3) Power Liftgate Systems. Furthermore, Daedong HI-LEX Group aims to advance by developing electronic technology as well as sensor technology that enable future mobility devices to be interconnected.

| | |
|-----------------------|---|
| Company Name | Daedong HI-LEX / Daedong Door |
| Headquarters | Daedong HI-LEX 43, Namdongdong-ro 78beon-gil, Namdong-gu, Incheon, Republic of Korea |
| | Daedong Door 2164, Cheomdan-daero 124beon-gil, Yeonju-gu, Incheon, Republic of Korea |
| President & CEO | Song Hak Sung |
| Date of Establishment | 2003 |
| Business Type | Door Components / Door Systems / Power Liftgate Systems |



Major Financial Performance

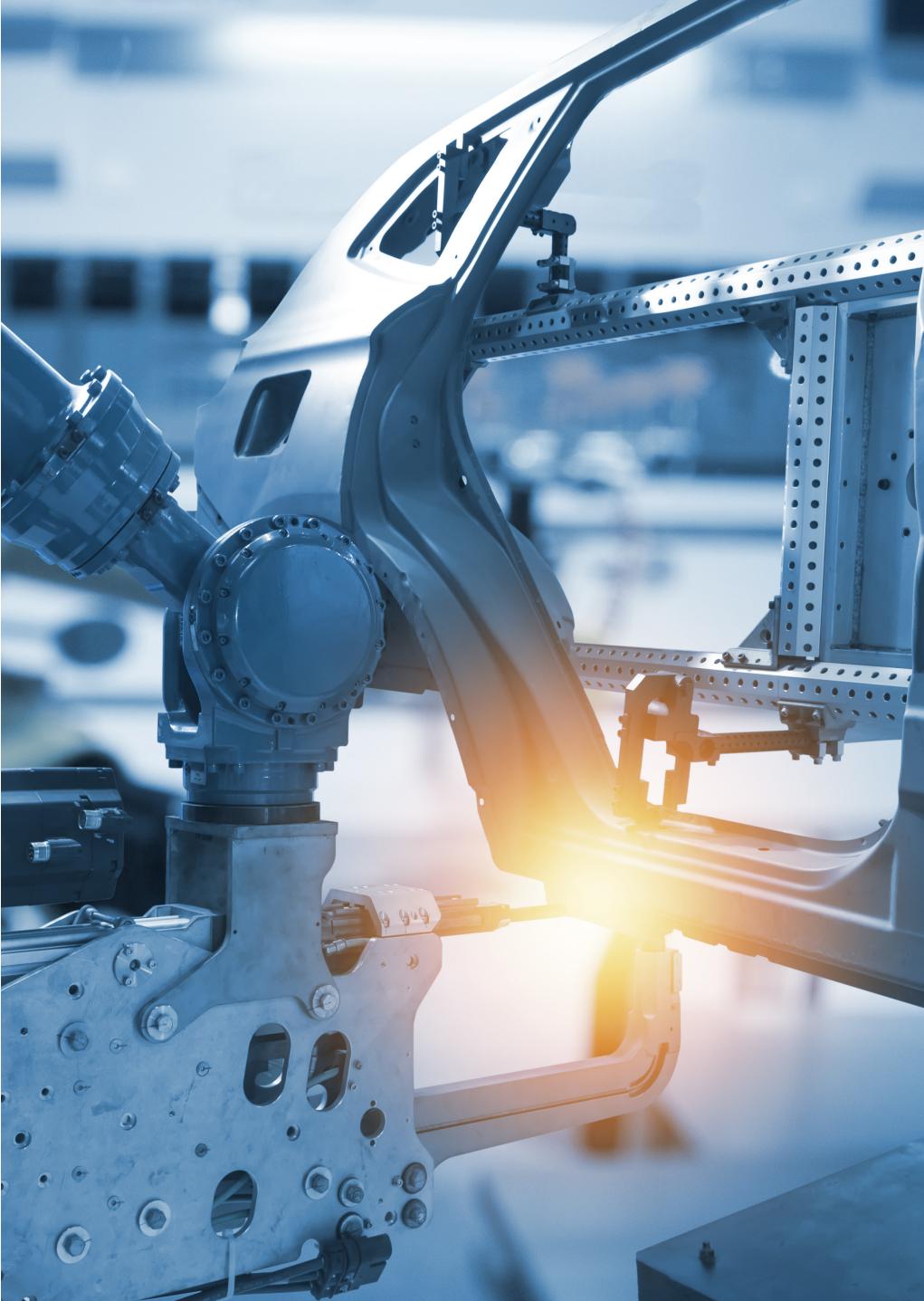
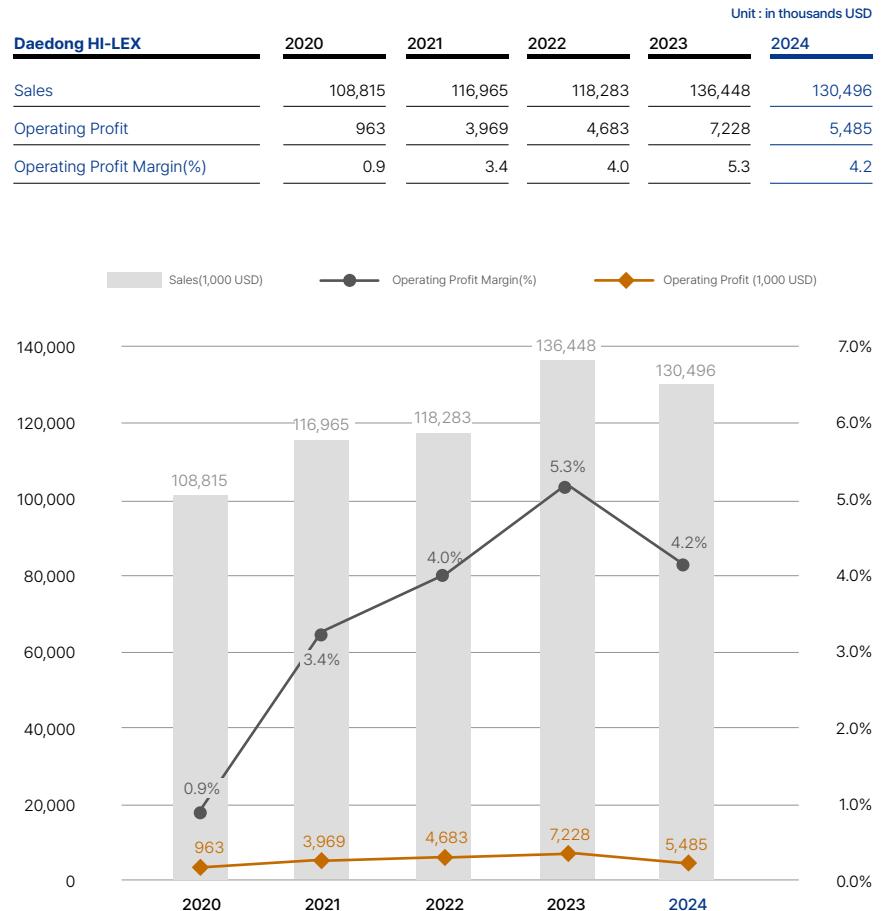
| | 2024 | 2023 | 2022 | Unit : in thousands USD |
|----------------------------|----------------|---------|---------|-------------------------|
| Total assets | 279,379 | 279,974 | 270,819 | |
| Total liabilities | 100,723 | 107,337 | 110,411 | |
| Equity | 178,665 | 172,638 | 160,408 | |
| Sales | 492,525 | 540,550 | 444,504 | |
| Gross Profit | 57,525 | 70,362 | 51,829 | |
| Operating Profit | 22,221 | 28,090 | 18,787 | |
| Profit before income taxes | 27,764 | 30,594 | 30,965 | |
| Net income | 23,516 | 30,565 | 20,233 | |



Overview I

DAEDONG HI-LEX INC.

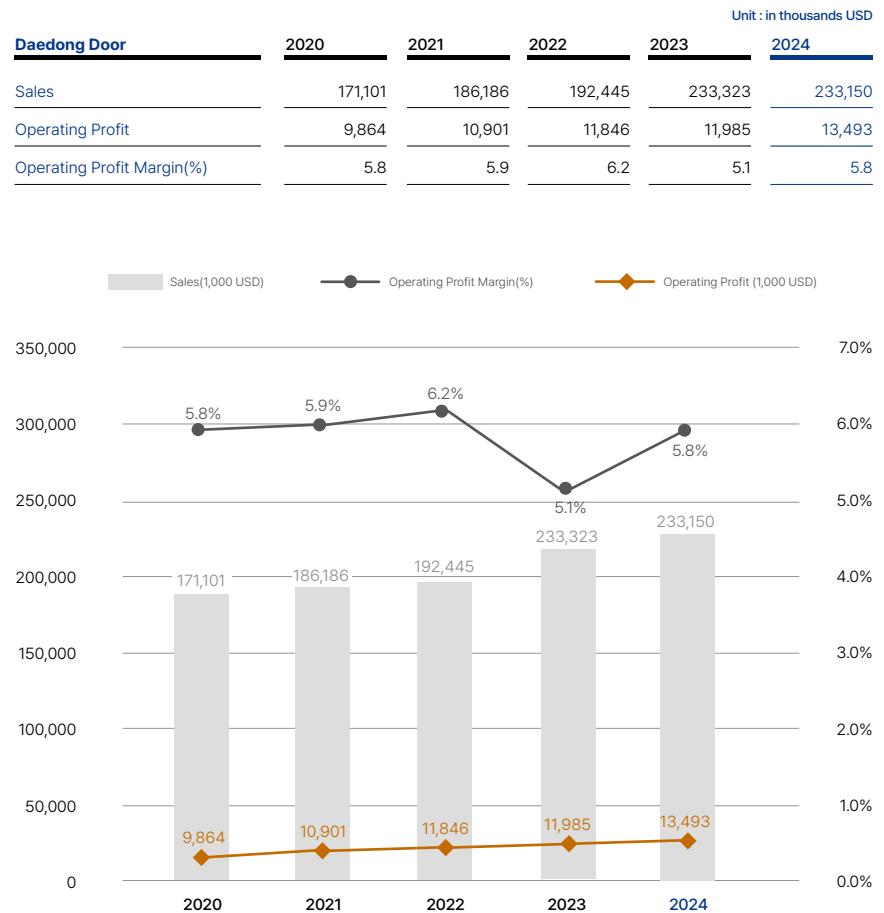
Financial Summary



Overview II

DAEDONG DOOR INC.

Financial Summary



Business Area

Automotive Door Closure systems & components

With ambitions to be a hundred-year company in the era of electrification, Daedong HI-LEX Group is expanding its investment in future door access solutions with innovative product developments. One of these new product developments is a new door system for Kia's PBV (Purpose Built Vehicle). To become a global technology leader for locking systems, Daedong HI-LEX Group provides differentiated mobility solutions that combine hardware and software and seeks for new business opportunities with core R&D capabilities and efficient automated manufacturing systems/processes.

DAEDONG DOOR

Latching Systems

Side Door Latches
Secondary Latches
Sliding Door Locking System
Strikers

Power Closures

Power Door System
Power Lift Gate & Trunk System
Power Sliding Door System
Power Hood System

Door Checks

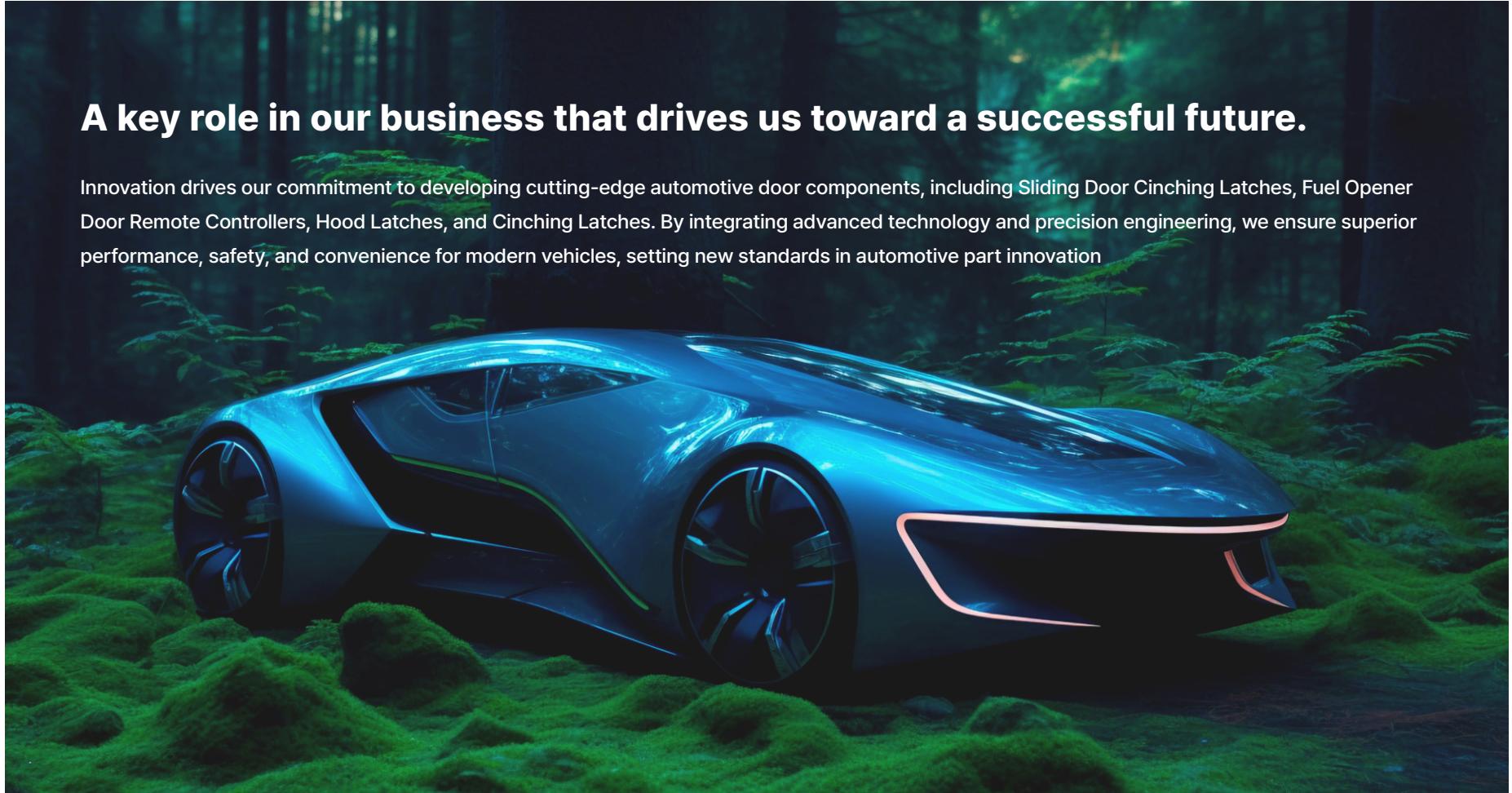
DAEDONG HI-LEX

Window Regulator Door Module

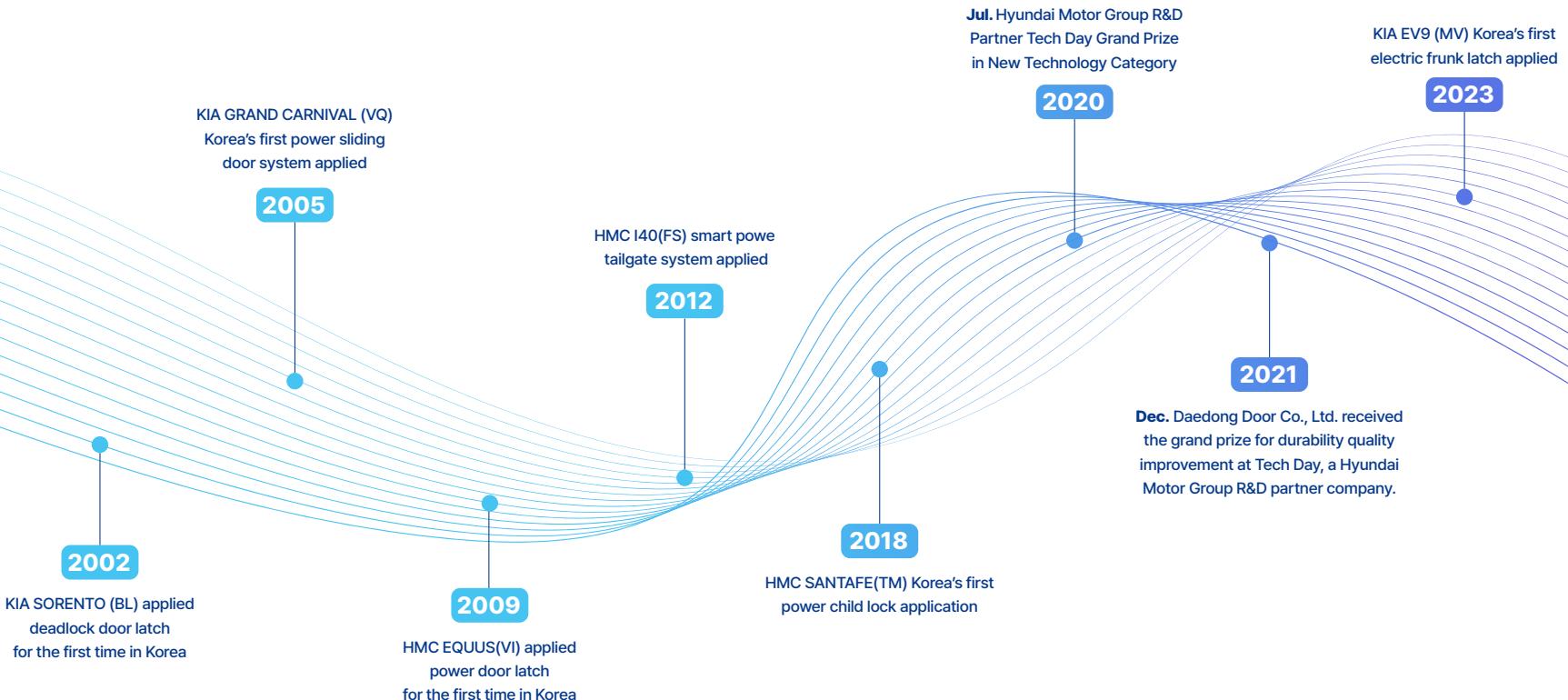
Innovation

A key role in our business that drives us toward a successful future.

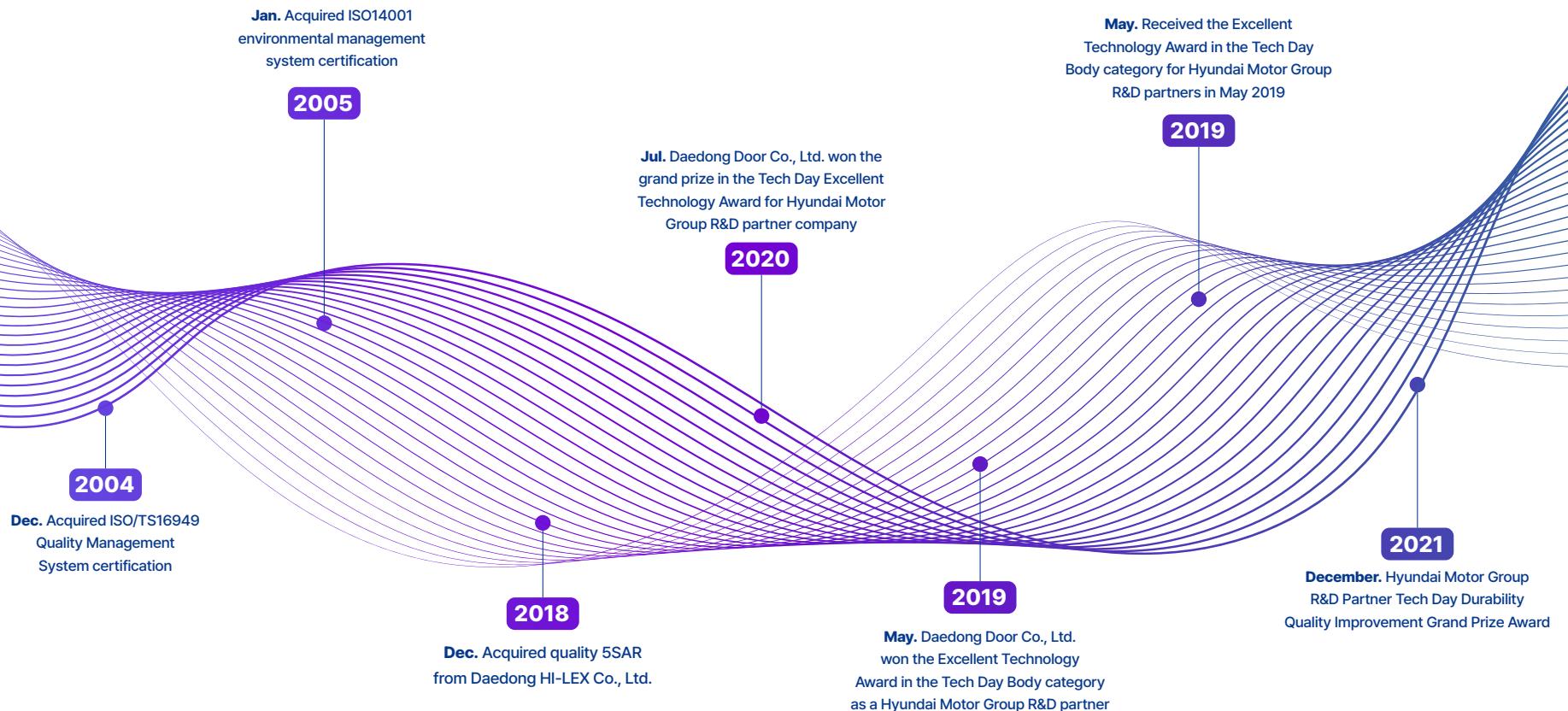
Innovation drives our commitment to developing cutting-edge automotive door components, including Sliding Door Cinching Latches, Fuel Opener Door Remote Controllers, Hood Latches, and Cinching Latches. By integrating advanced technology and precision engineering, we ensure superior performance, safety, and convenience for modern vehicles, setting new standards in automotive part innovation.



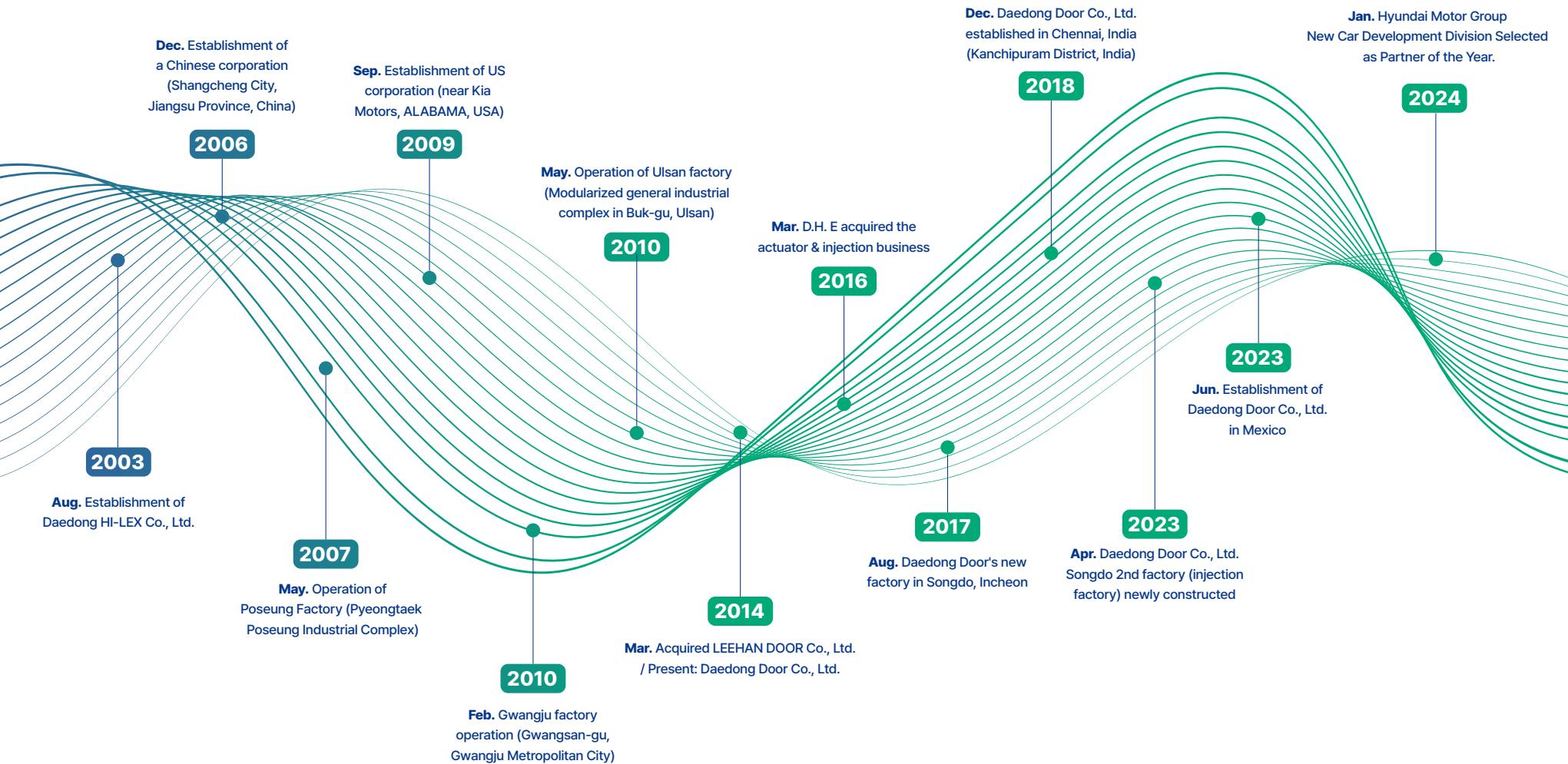
Our History : R&D



Our History : Awards & Certifications



Our History : Business Growth



Global Business Status

DAEDONG HI-LEX
DAEDONG DOOR

3 countries
6 countries

4 South Korea, 1 China, 1 USA : TOTAL 6 locations

2 South Korea, 1 Mexico, 1 India, 1 China, 1 Indonesia, 1 Poland : TOTAL 7 locations



Employment status by department

| | Korea | Overseas |
|-----------------------|-----------------------|----------|
| HQ(R&D) | DAEDONG HI-LEX 1 | - |
| | DAEDONG DOOR 1 | - |
| Total Employees | DAEDONG HI-LEX 325 | 208 |
| | DAEDONG DOOR 521 | 166 |
| Manufacturing Centers | DAEDONG HI-LEX 4 | 2 |
| | DAEDONG DOOR 2 | 5 |

Overseas Branch Offices

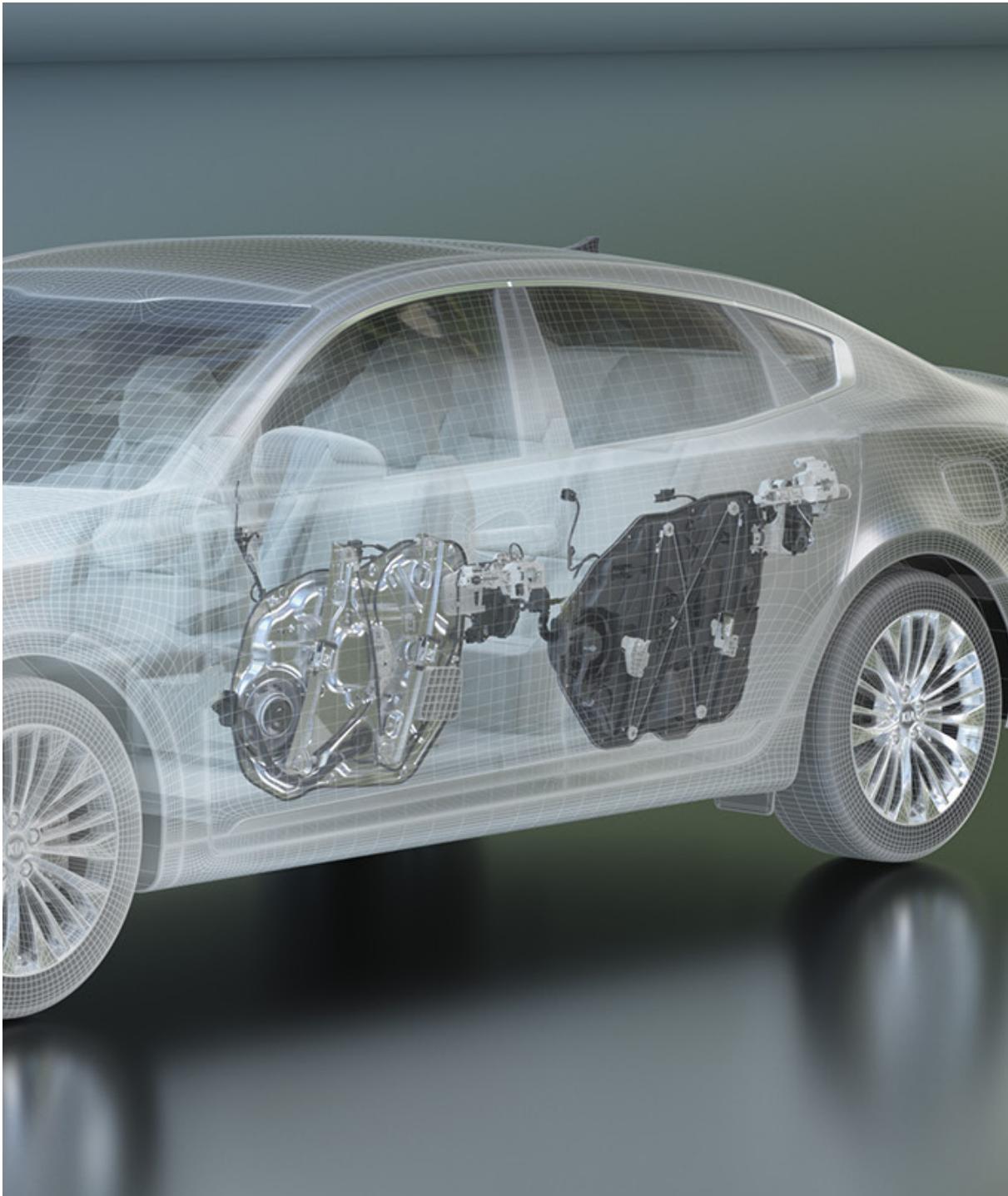
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As of 2024



DAEDONG HI-LEX

Production line

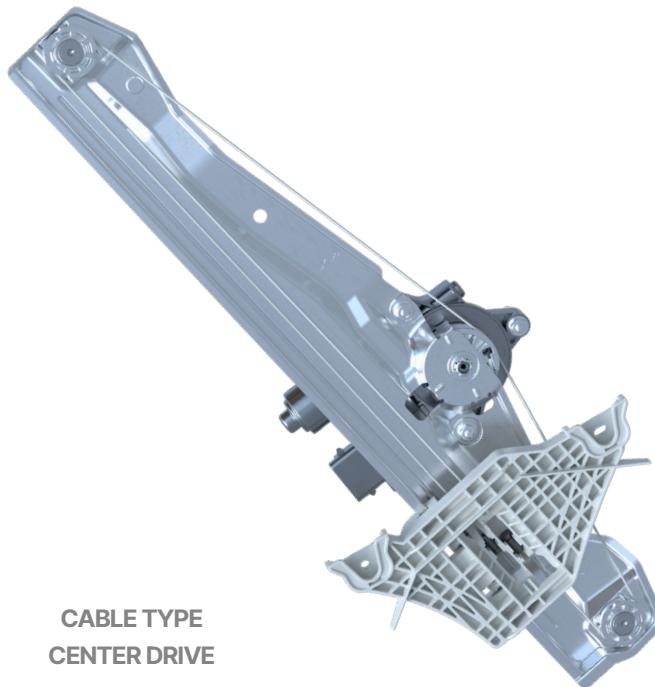


Window Regulator

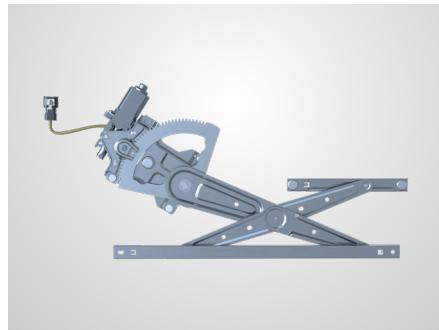
Door window regulator is Daedong HI-LEX's core product with outstanding performance by maintaining higher reliability and quality control. Daedong HI-LEX provides Dual Rail Type, Single Rail Type, X-arm Type, Single Arm Type, Window Regulator for Quarter Glass.

Main Function

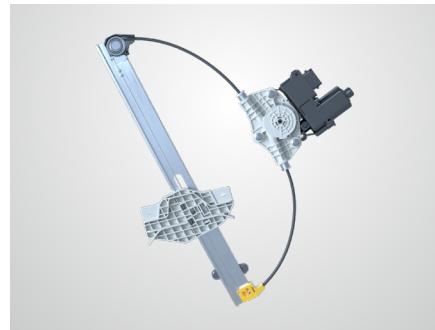
- Passenger and Object Pinch Safety Detection
- Anti-reverse Function for Theft Prevention
- Power Window Up and Down Functionality for Side Door Glass



CABLE TYPE
CENTER DRIVE



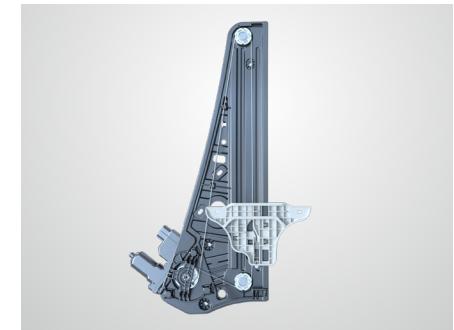
ARM TYPE



CABLE TYPE DELTA TYPE



CABLE TYPE LOWER DRIVE



CABLE TYPE PLASTIC RAIL

Door Module

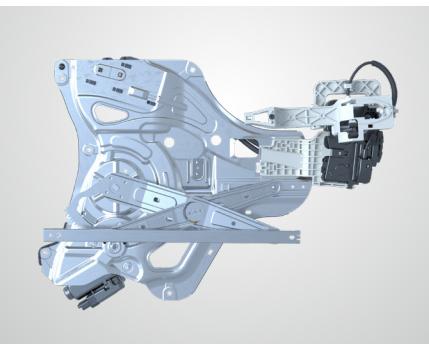
Door Module is a product that integrates components inside the automobile door, including the regulator, latch, outside handle base, inside handle, speaker, wire harness, and others. This integration enhances assembly productivity. These components significantly impact vehicle safety and user convenience, necessitating rigorous quality control. The Plastic Integration Module reduces the number of parts, thereby reducing door weight and improving fuel efficiency. Daedong HI-LEX takes it one step further the next generation of highly-integrated door systems featuring light-weight materials.

Main Function

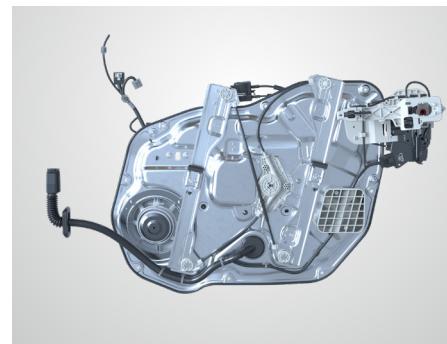
- Provide assembly structure for the door components
- Integrated functionality for all parts
- Provide a unified structure for the Regulator Rail
- Power Window Up and Down Functionality for Side Door Glass
- Interior waterproofing function for the door



PLASTIC INTEGRATION
SEALED MODULE



STEEL MODULE

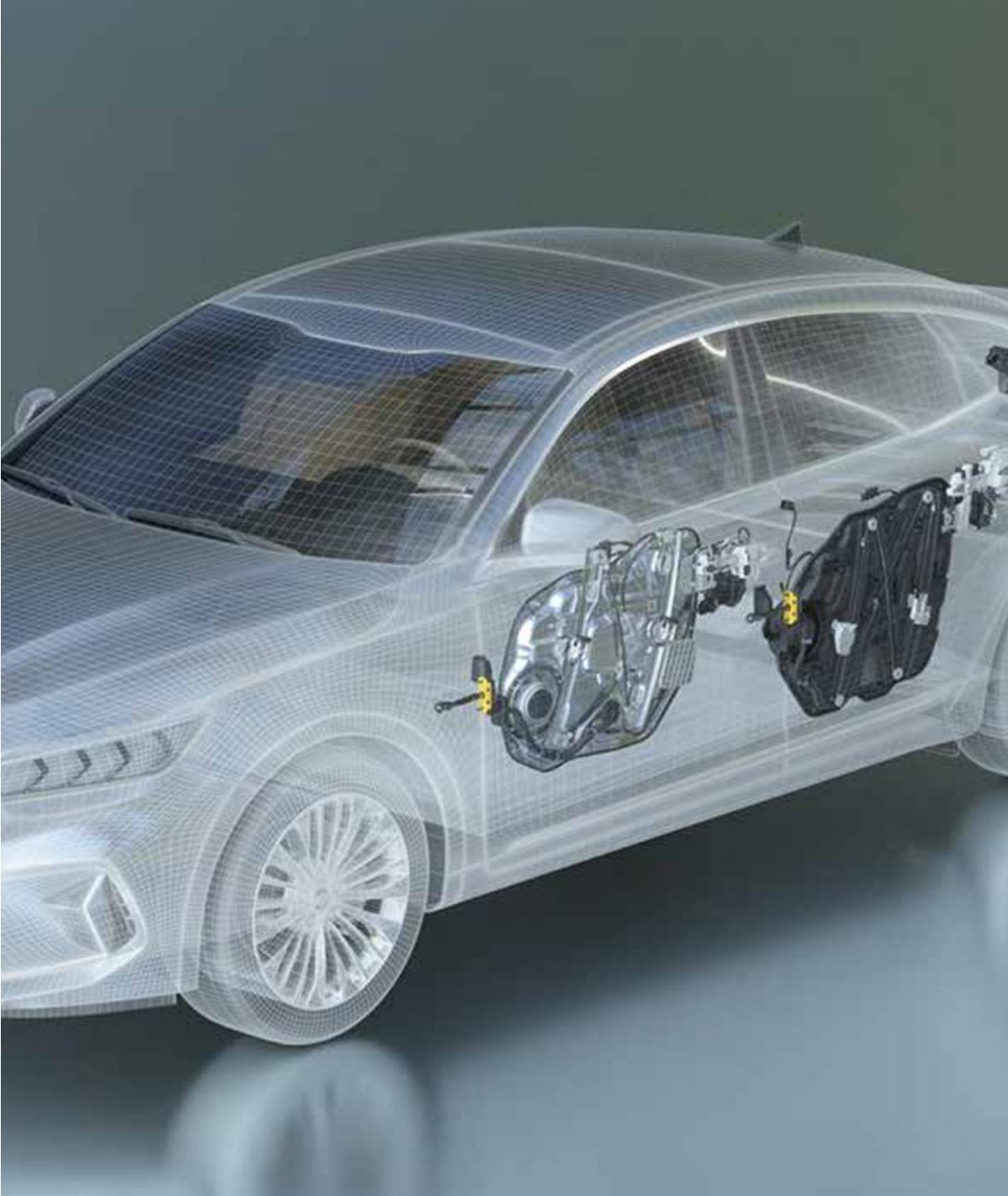


STEEL SEALED MODULE



DAEDONG DOOR

Production line

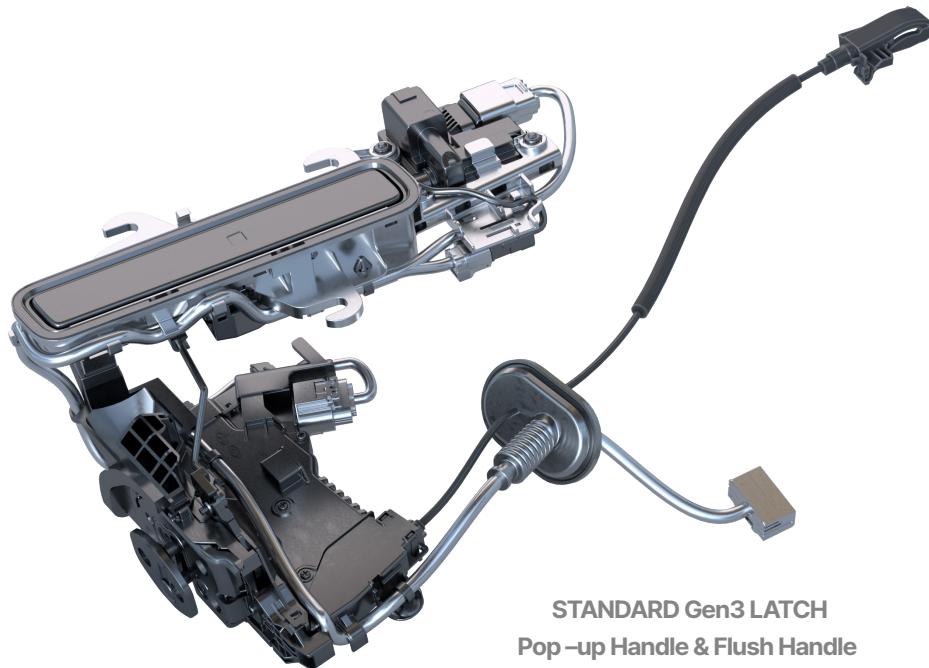


Side Door Latch

The panel installed inside the car's side door, when connected to the vehicle's striker mounted on the body, maintains the door's locked state. It can be opened using the door handle (inner/outer) and the cable (rod) connected to it. The door can be opened by operating the handle. There is a knob on the inner handle side, and the door's lock / unlock status can also be controlled from the outside using a key, or electronically (via trim buttons or a remote control). Additionally, there are various convenience features associated with it.

Main Function

- Side Door Closure Hold Function
- Central Lock/Unlock Function
- Door Opening Function with Outside & Inside Handle
- Door Ajar Sensing function
- Child Lock (Child Safety Function)



STANDARD Gen3 LATCH
Pop-up Handle & Flush Handle



COMPACT LATCH



STANDARD Gen2 LATCH



STANDARD Gen3 LATCH

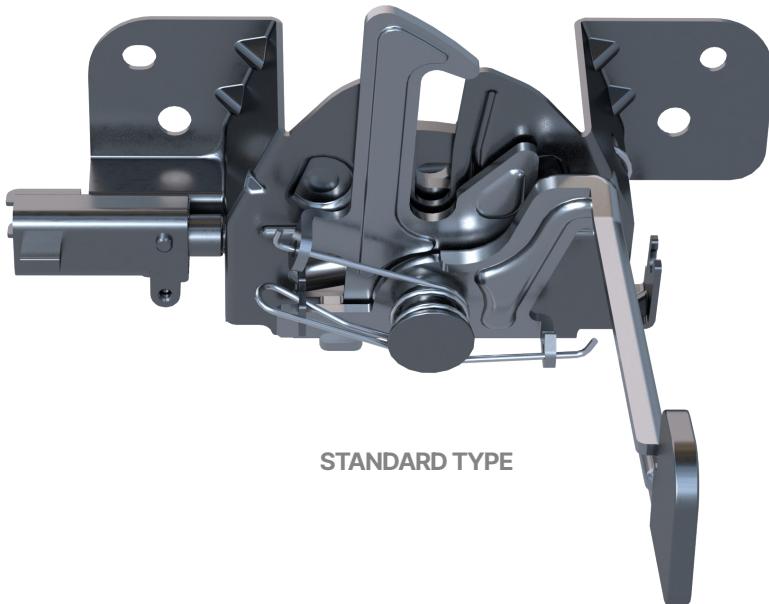
Hood Latch

The Front End Module (FEM) is installed on the vehicle's body, and when the hood is closed, it remains locked in place by engaging with the striker mounted on the hood.

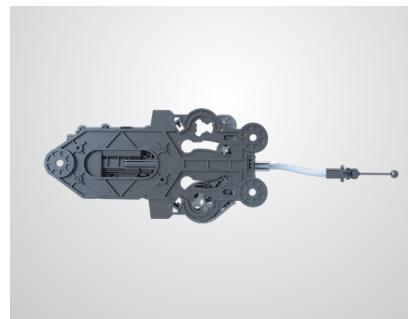
To open the hood, you need to pull the Hood Open Lever located beneath the driver's seat. When you do this, the Hood Latch is partially released, causing the hood to pop up. With the hood in the popped-up position, you can reach your hand between the gaps and operate the Lever (Hook Safety) to fully open the hood.

Main Function

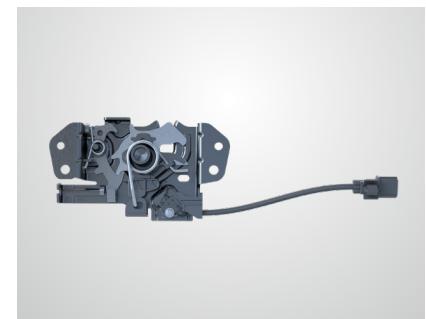
- Hood Closure Hold Function
- Double Locking & Release Function
- Release Function by Mechanical & Electricity



STANDARD TYPE

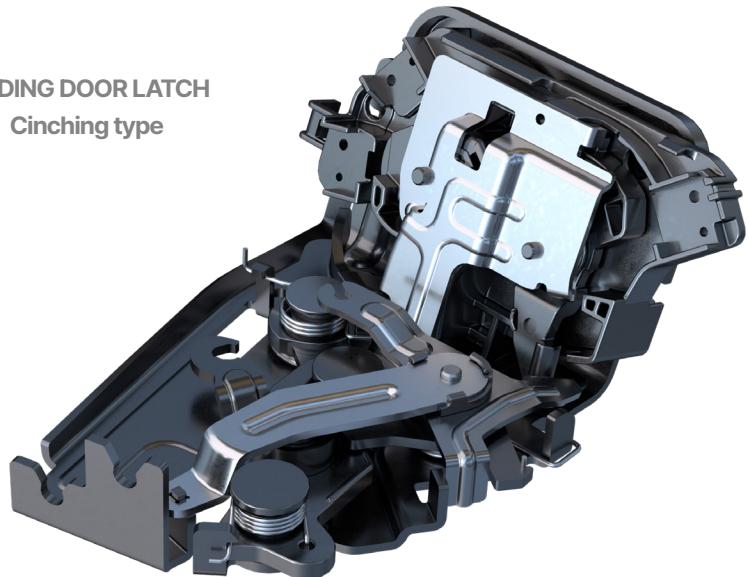


HOOD LATCH RELEASE ACTUATOR



EV TYPE

SLIDING DOOR LATCH
Cinching type



REMOTE CONTROLLER



FRONT LATCH



HOLD OPEN LOCK

Slide Door Latching System

The side door panel of an automobile is installed internally and is responsible for maintaining the locked state of the door when connected to the striker attached to the vehicle's body. The door can be opened using the door handle (inner /outer) and the cable (rod) that connects to it. On the inner handle side, there is a knob, and the door's lock/unlock status can be controlled from the outside using a key, or electronically (via trim buttons or a remote control).

Main Function

- The release force at stages 1 and 2 when disengaging the striker in the locked state
- Required functionalities
- Regulation of operating force
- Durability and environmental resistance
- Theft prevention and waterproofing, among other aspects

Door Checker

The convenience and safety auxiliary device that controls the full opening of an automobile door and provides step-by-step operating force during door opening and closing.

A device installed on both the car's body and the inside of the door, which is connected and imparts operating force during door open/close actions to control the angle of opening and closing. (Prevents unintended angles caused by slopes, wind, etc., enhancing safety and convenience and preventing accidents.)



PLASTIC (CASE) TYPE



LUXURY TYPE



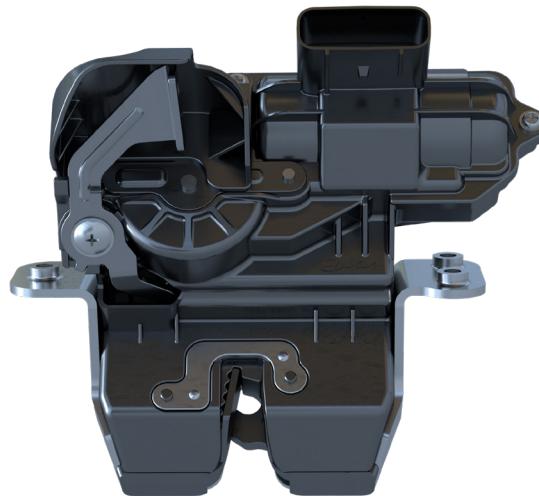
SLIDE TYPE



ROLLER TYPE

Tailgate Latching System

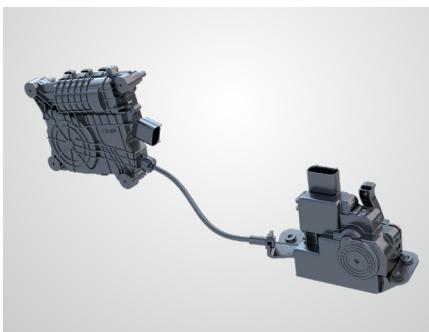
The opening and locking mechanism of an automobile's tailgate. A striker attached to the vehicle's body (or tailgate) that keeps the tailgate closed, and it can be opened using a button, key, handle, handle's touch sensor, remote control, and similar methods. The adoption of the Power Tailgate System is increasing as a trend to enhance convenience. For power closure, it can be operated using a button or remote control.



POWER TAILGATE LATCH
(INTEGRATE TYPE)



APS ASSEMBLY



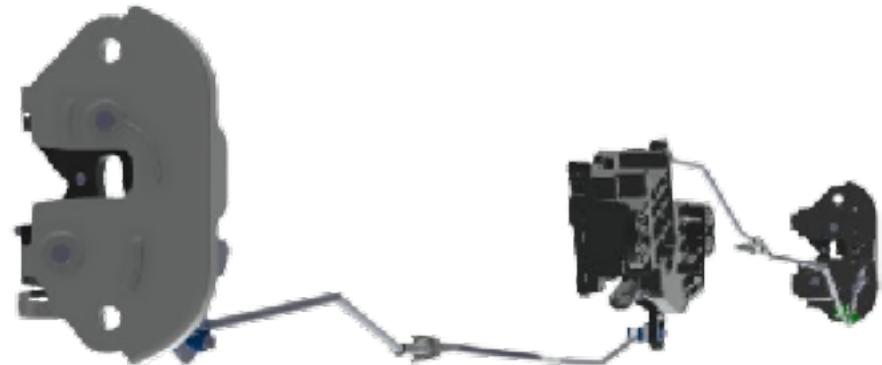
POWER TAILGATE LATCH
SEPARATED TYPE & ACTUATOR



TRUNK LID LATCH

Pickup Latches

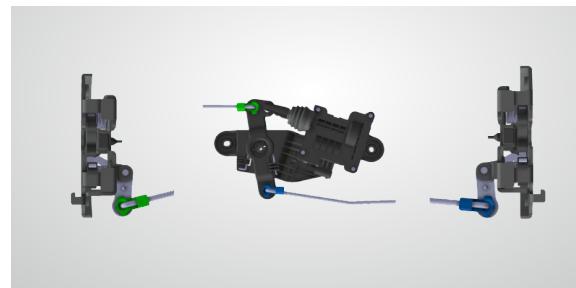
The development of a latching structure for the storage space within the quarter panel of a pickup truck focuses on enhancing security, particularly for anti-theft purposes. To improve user convenience, an electric opening feature has been integrated, allowing for easier access. Additionally, safety has been prioritized through the application of an open detection switch, which promptly indicates whether the storage compartment is securely closed. Furthermore, the overall size of the structure has been minimized to increase the available storage space, maximizing utility without compromising functionality.



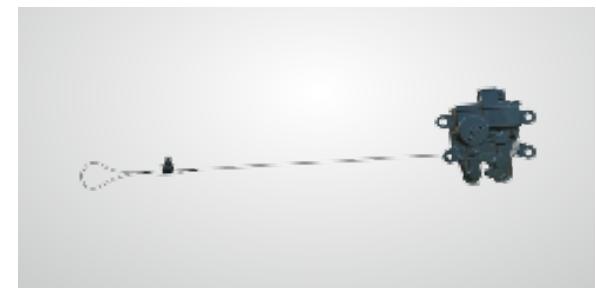
PICK-UP LATCH

Main Function

- Development of a latching structure for the storage space of a pickup truck quarter panel (anti-theft).
- Improved user convenience with an electric opening feature.
- Enhanced safety through the application of an open detection switch.
- Increased storage space by reducing the size.



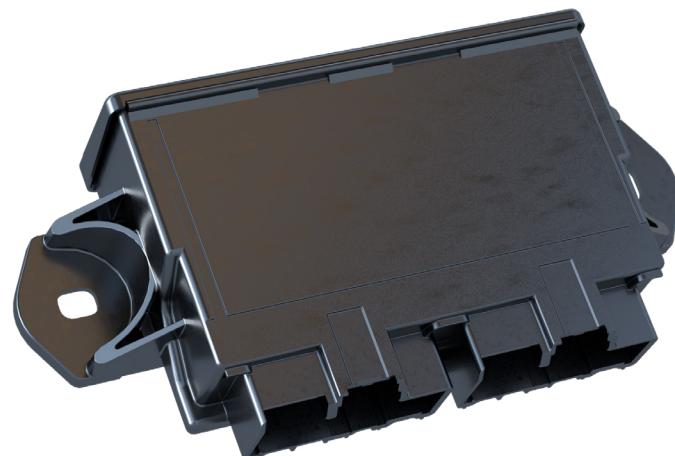
PICK-UP LATCH



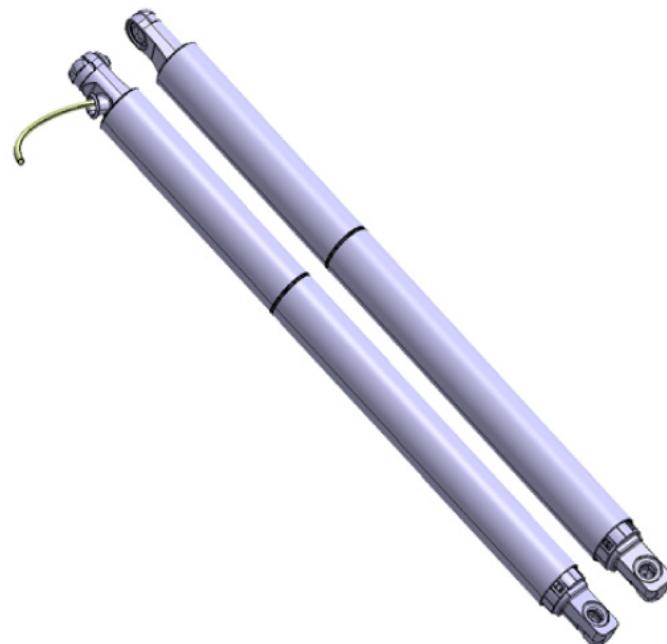
QUARTER STORAGE LATCH

Spindle Drive Unit / ECU

New generation Drive Unit/ECU. The Spindle Drive Unit and Control Unit are components that transmit power to open and close the tailgate, and control this process. As indoor noise is reduced, the Drive Unit should operate in a progressively quieter manner.

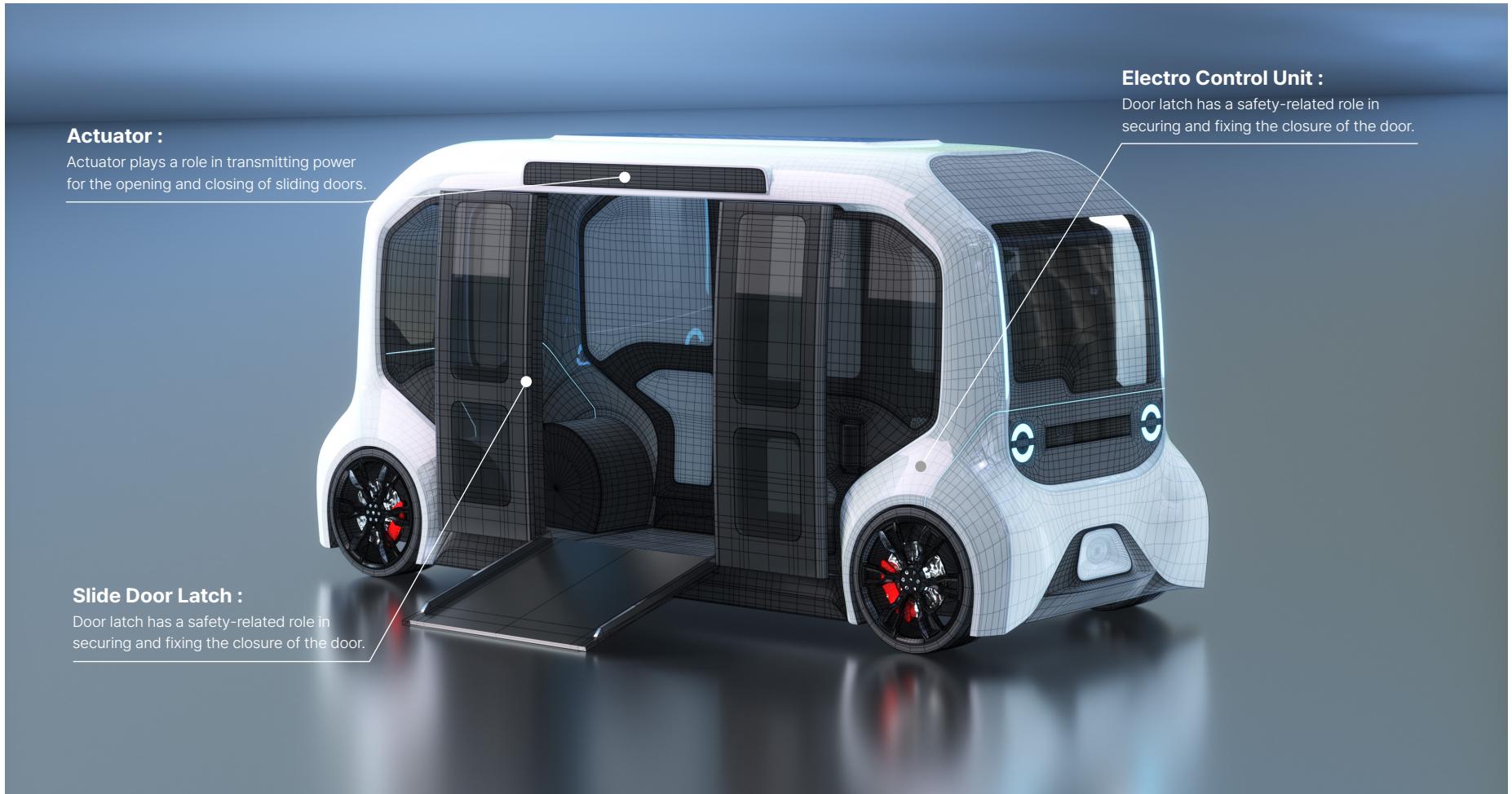


Electronic Control Unit (ECU)

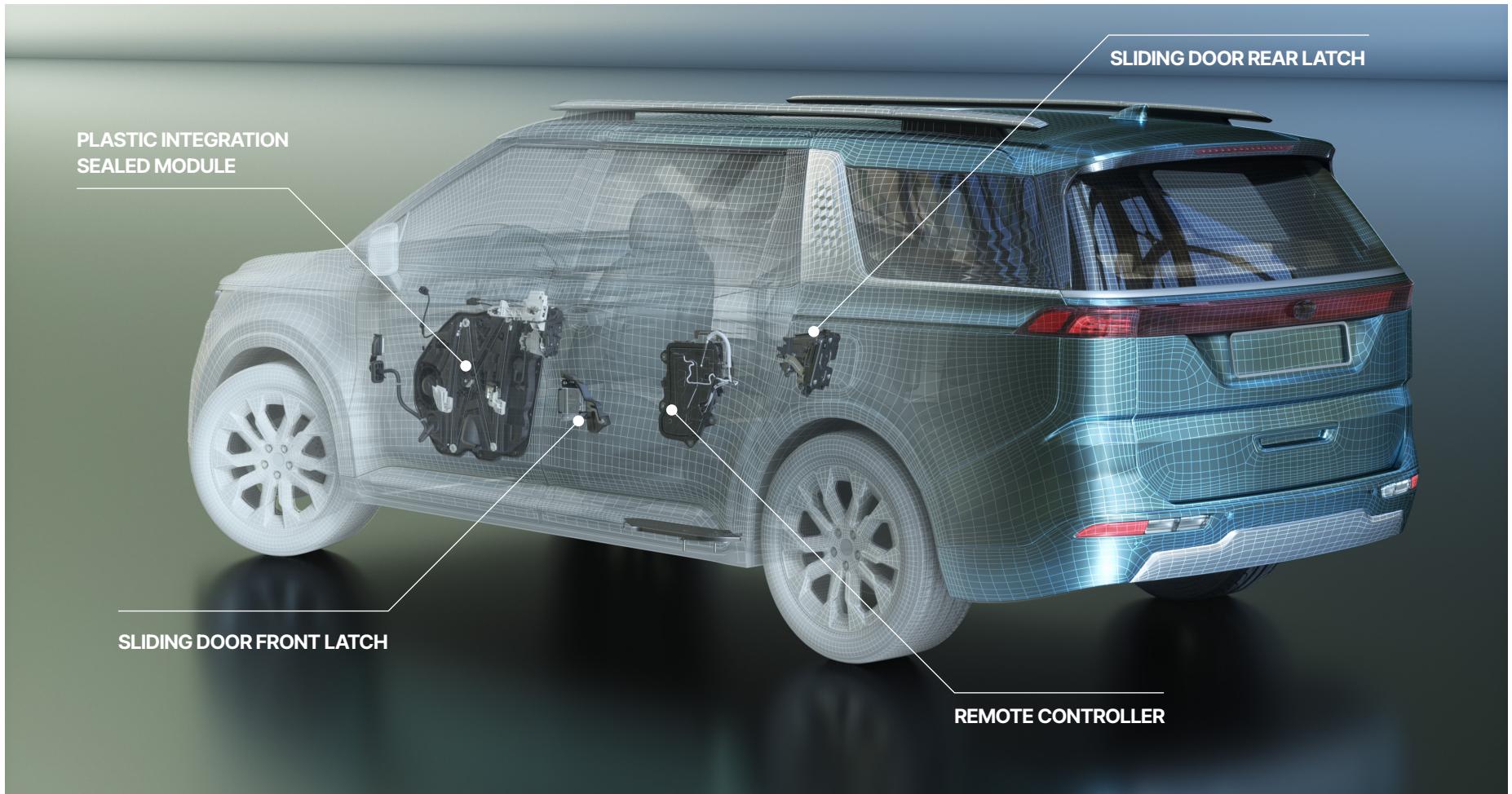


Spindle Drive Unit

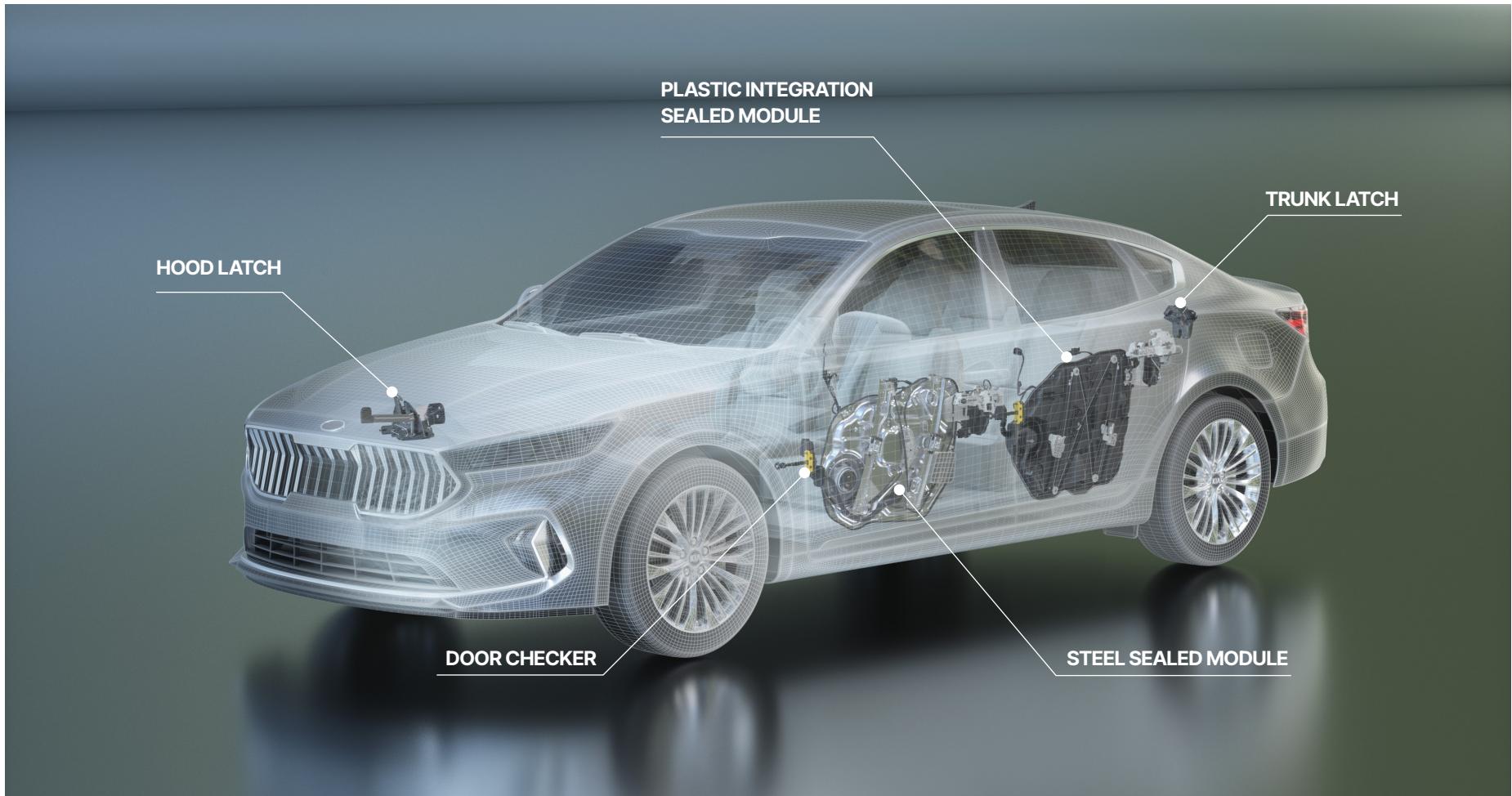
PBV



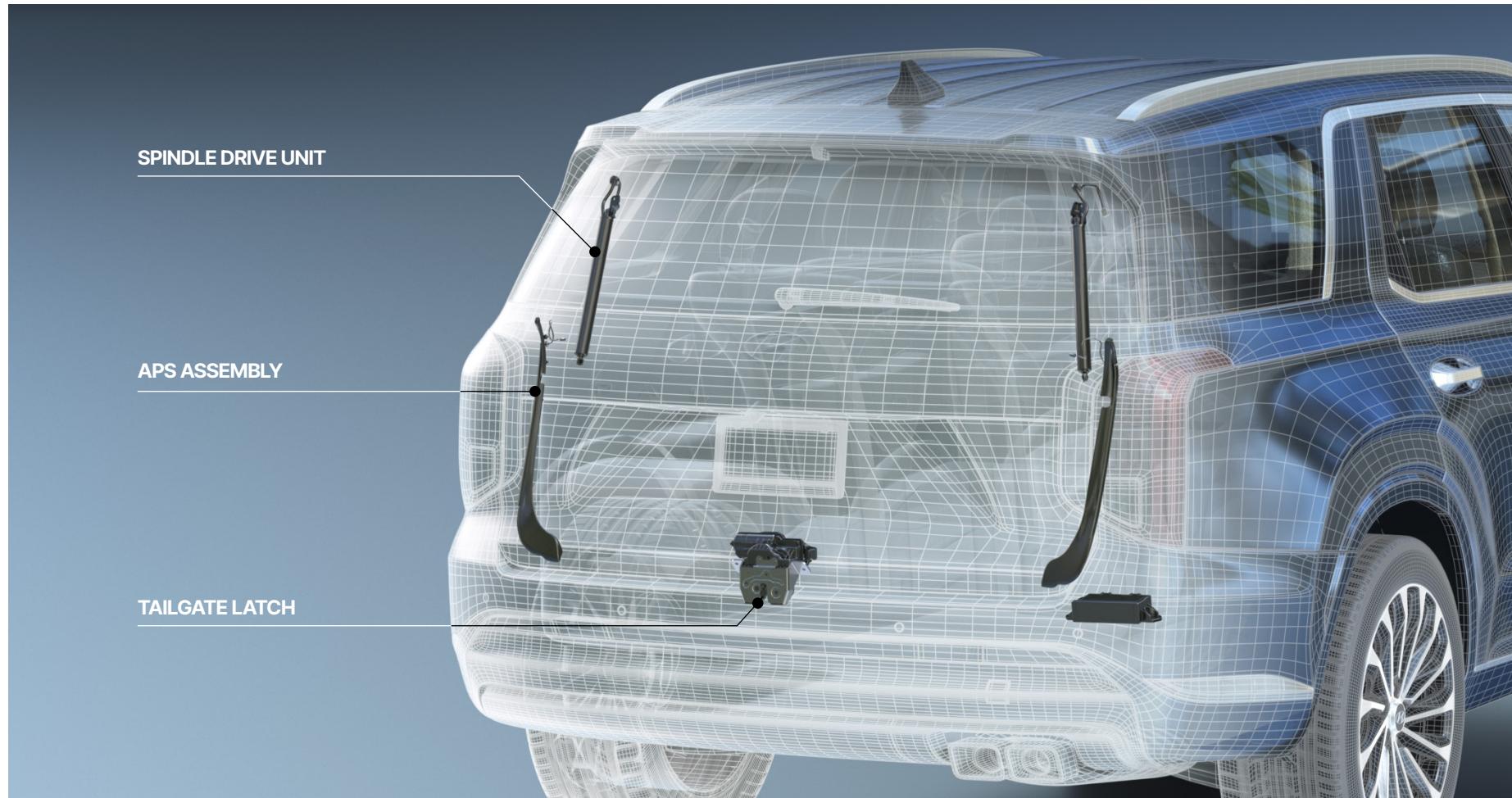
MPV



Sedan



SUV





DAEDONG

ESG



Daedong HI-LEX Group's Sustainability goals

Daedong HI-LEX Group is implementing "sustainable management" to establish an ESG management system based on environment (E), society (S), and governance (G), setting climate change response, strengthening safety and health, and expanding eco-friendly projects as key areas, and fulfilling social responsibilities.

Enviroment



Energy Conservation

- Carbon neutralization of Daedong HI-LEX Group in 2040 (SCOPE 1/2)
- Reduce Carbon Footprint
- Building an eco-friendly factory through the use of renewable energy (Eco-Plant)
- Development of materials that minimize environmental impact
- Improve performance of LCA

Reduction of waste through production efficiency

- Elimination of wasteful production through monitoring
- Continuous investment in low-power, high-efficiency automation facilities

Profitable Growth

- Our strategic priorities are based on the goal of not only growing sustainably, but also in a profitable manner
- To be truly sustainable, both environmental and social performance as well as economic performance of the company must be considered

Social



Human Rights

- Responsibility to respect and uphold human rights
- Expectation that suppliers follow policies like our own

Community Engagement

- Efforts to engage with the community and have a positive impact on the community.

Healthy and Safety at Work

- Safety and Health of employees and stakeholders as the top priority for corporate sustainable management activities.

Diversity and Inclusion

- Prohibit bullying and discrimination in the workplace based on values that respect human rights.
- Encourage a work culture that respects diversity and inclusion.

Employee Development

- Motivation in personal growth and career development by offering a wide range of education programs.

Governance



Corporate Governance

- Daedong HI-LEX Group provides practical Business principals based on our Ethics Policy:
- Compliance with all legislation - including that relating to the international trade of goods, services and technology

Workplace safety and Health management

- Promotion of a culture of safety across the organization where all employees are encouraged to identify potential safety defects

Supply Chain Risk Management

- Daedong HI-LEX group is committed to sourcing only responsibly produced materials.
- Establishment of a environment-friendly supply chain by supporting suppliers in improving their business competitiveness as well as their labor human rights and safely.



Sustainability and Engagement Program

We establish target to drive continuous improvement in sustainability and engagement.

Climate-Neutral Supply Chain



- Climate-Neutral Supply Chain until 2040

Renewable Energy



- 100% renewable energy supply until 2040

Fresh Water Supply



- 20% reduction of fresh water supply until 2030

Climate-Neutral Production



- At all Daedong production locations until 2040

Energy Efficiency



- 1 Gwh Energy(Electricity) Savings by 2030

Employee Safety



- Achieve ZERO for critical industrial accidents every year



Innovation Beyond Technology

**DAEDONG DOOR
HI-LEX**

Contact us

We welcome your questions and feedback
Please contact your sales representative.

**DAEDONG DOOR
HI-LEX**

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