



Global Best Provider of Electrical & Electronic Solutions

# Hansol Technics

Company Profile

**Hansol**  
Technics

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# Business Philosophy

Hansol Technics | Business Philosophy

## Our Mission

MISSION



Achieve  
Competitive Advantage through  
Differentiation

+



**Value Maximization**

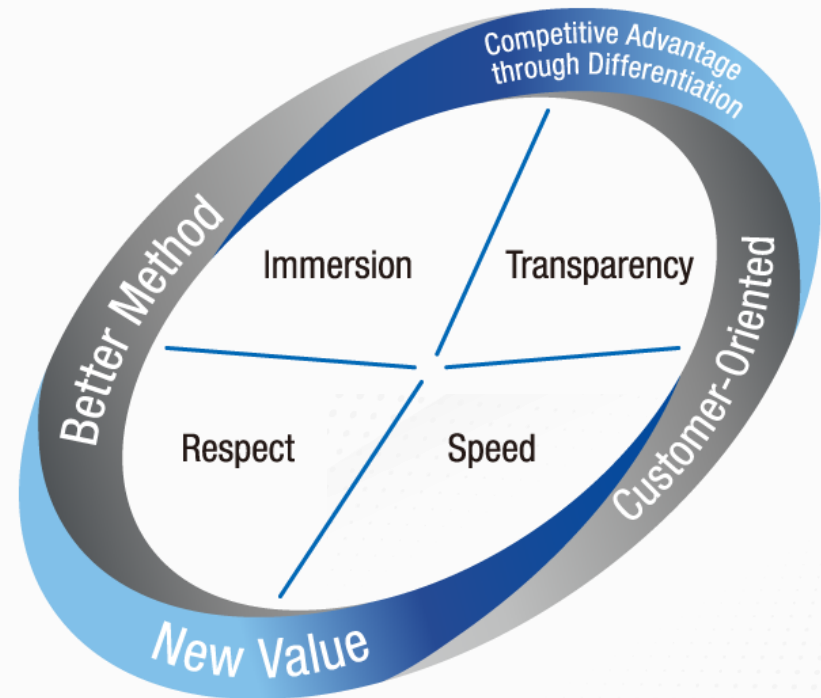
+



**Sustainable Development**  
with Customers

## Our Principles

PRINCIPLE





# Hansol Group

Hansol Technics | Hansol Group

Hansol is strengthening its position in the global market based on its excellent competitiveness and expertise. Hansol aims to continuously grow together with customers through achieving maximum value.



## Material Business

### Hansol Technics

- Hansol IONES
- Hansol Oriontech
- SI MATERIALS

### Hansol Paper

- Hansol EcoPackaging

### Hansol HomeDeco

### Hansol Papertech

### Hansol Chemical

- Tapex
- Sol Materials
- HS Materials
- Hansol Electronic Materials Co., Ltd.



## Solution Business

### Hansol Logistics

- Hansol TCS
- Hansol LogisYou
- Logismile

### Hansol Inticube

- Stickers Corporation

### Hansol PNS

- Hansol BS
- Hansol Coever



## R&D Business

Hansol Paper Technology Research Institute

# Introduction

Aspiring to be the Global best provider of electrical & electronic solutions,  
we aim to achieve our business goal through distinctive technical capabilities and ongoing innovation.

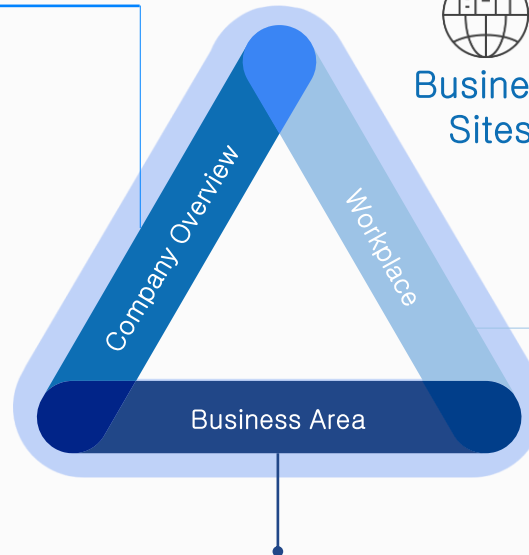


## Company Overview

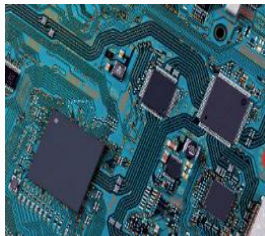
Foundation	1995
CEO	Yoo, Kyung Joon
Revenue	1.2T KRW (2024)
Employee	9,591 employees (519 domestic, 9,072 international)



## Business Sites



## Business Area



Display Solution



Digital Solution



Wireless Solution



Energy Solution



Smartphone EMS

# Competitive Technology

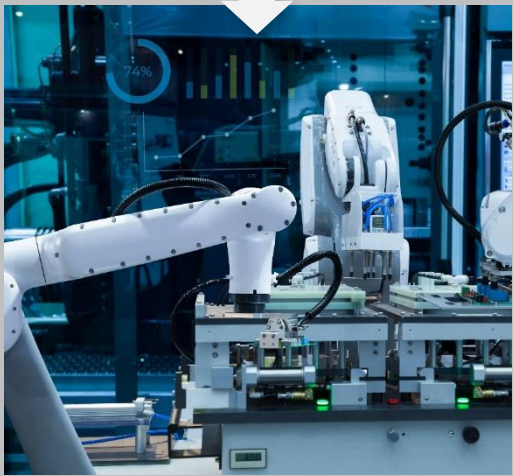
Hansol Technics | Competitive Technology

Hansol Technics is creating future value with its outstanding technological capabilities.

## One-Stop Solution for Electrical & Electronic Components



- Core technologies related to the conversion, control, and communication of power (thermal/optical/mechanical/circuit design)
- Extensive business experience and accumulated know-how with global top players



## Highest Level of Quality Management



- Operating Automation Lines of Production and Inspection
- Established High-Quality Management System
- In-House Design and Development of Automation Platform Lines



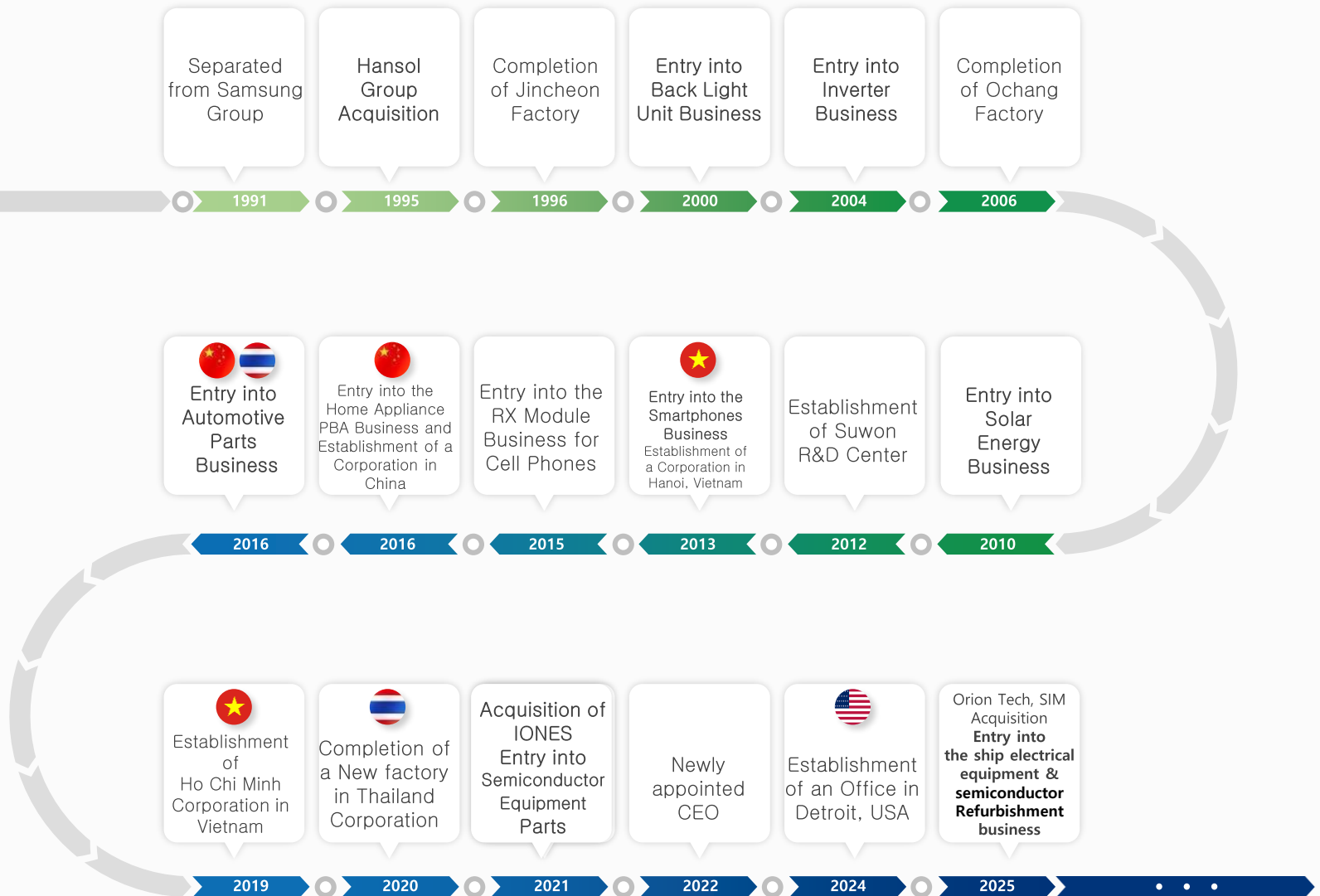
## Global Smart Factory



- Overseas sites with manufacturing competitiveness  
(Hanoi & Hochiminh Vietnam, Thailand, China)
- Cost competitiveness
- Supply stability
- Security stability



# Company History







## Display Solution



- Circuit Board for TV
- PD Board (Power Driver)
- 3in1 Board



## Digital Solution



- Circuit board for Home Appliances
- Inverter Control Board
- Power Board
- For Automobiles
- Lamp Control Module
- E-shifter Control Module



## Wireless Solution



- For Smart phone
- Wireless Charging Receiver Module (RX)
- For Automobiles
- Wireless Charger (TX)



## Energy Solution



- For Power generations
- Solar Modules
- Building-Integrated Photovoltaic (BIPV)
- Signage Solar Modules (Media PV)
- UV/IR LED Solutions



## Smartphone EMS



- Smartphone and Tablet Assembly (EMS)



## 1. Display Solution

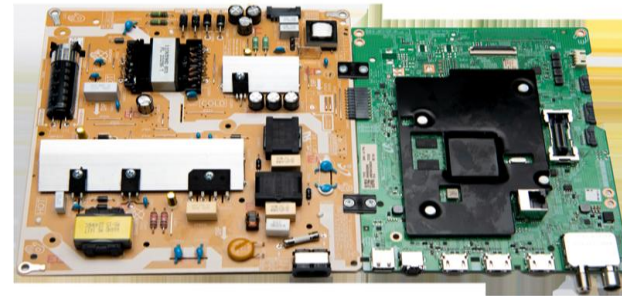
Delivering the Best Quality with Outstanding Circuit Design and Manufacturing Capabilities

01  

### PD Board (Power Driver)



Power Board



3in1 Board

PD Board : Power supply board for stable power delivery to TV and display

3in1 Board : Integrated circuit board that combines the video board and tuner on the power board

#### Key advantages

- Providing ODM based on in-house design capabilities
- Customized design ranging from premium to entry models
- High efficiency, low power consumption, and component slimming
- Suitable for customer assembly process and automation

## 2. Digital Solution

Providing the Best Digital Solutions to Exceed Customer Expectations

01 

### Inverter Control Board/Power Board



Refrigerator



Air  
Conditioner



Vacuum  
Cleaner

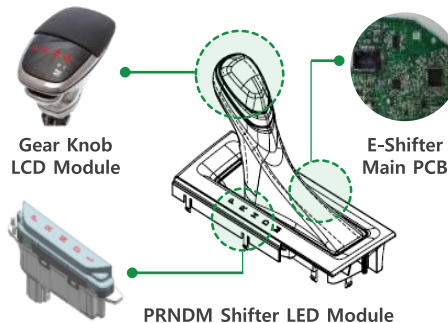
Power Board : Power supply board for stable power delivery  
Inverter Control Board : board controlling motor movement and speed

#### Key Advantages

- Providing ODM based on In-house design capabilities
- High efficiency, low power consumption
- High-quality reliability and stable function

02  

### Electric Shifter Control Module



Gear Knob  
LCD Module

E-Shifter  
Main PCB

PRNDM Shifter LED Module

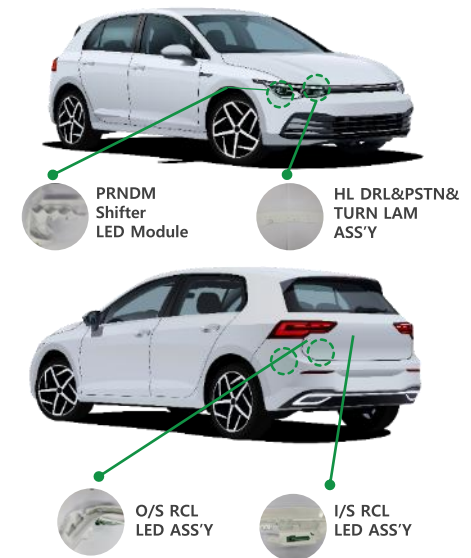
PCB for Electronic Detection and Control of Automotive Gear Shifting LED/LCD Module for Gear Shifting Lever Position Verification

#### Key Advantages

- Complies with ISO-11898 standard
- Optimized circuit design
- High durability and stability

03 

### Lamp Control Module



PRNDM  
Shifter  
LED Module

HL DRL&PSTN&  
TURN LAM  
ASS'Y

O/S RCL  
LED ASS'Y

I/S RCL  
LED ASS'Y

LED vehicle interior and exterior lights (headlamps, turn signals, taillights)

#### Key Advantages

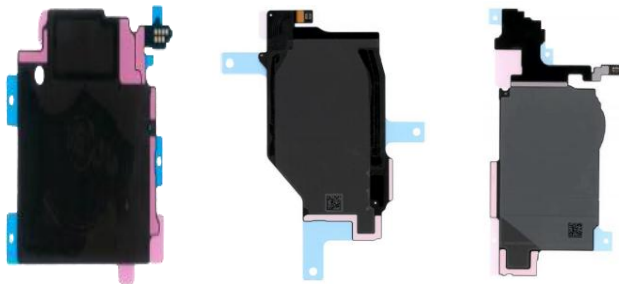
- High efficiency and low power consumption compared to halogen lamps
- Optimized circuit design

## 3. Wireless Solution

Providing greater convenience in wireless solutions from mobile to automotive

01 

### Wireless Charging Receive Module (RX)



Flexible Antenna Device for Mobile Wireless Communication (NFC), Samsung Pay(MST) and Wireless Charging (WPC)

#### Key Advantages

- Implementation of Differentiated Circuit Design Technology for Improved Wireless Charging Efficiency
- Optimal Mechanical Solutions for Slimmed-Down Product
- Application of New Manufacturing Methods and Innovative Technologies

02 

### Wireless Charger (TX)



- Application of Wireless Charging for smartphones to the TX PAD for vehicles

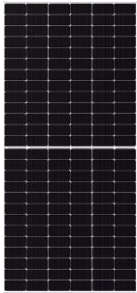


## 4. Energy Solution

Providing Future-Oriented Energy Solutions by Combining High Output and Environmentally Friendly Technology

01 

### Solar Modules



Solar module design that meets high output, high quality, and manufacturing competitiveness

#### Key Advantages

- **High power generation**  
Maximizing power efficiency through two-sided generation
- **High durability**  
Front: 5,400 Pa  
Rear: 2,400 Pa
- **Maximum system voltage**  
Cost Savings on Installation

02 

### Building-Integrated Photovoltaic Modules



Combined the function of building exterior materials with solar power generation

#### Key Advantages

- Acquired BIPV certification
- Application of BIPV-specialized structures.  
Application of Z-BAR structures, beneficial for wall installation.

03 

### Media PV



Integrated solar modules and digital LED lighting

#### Key Advantages

- Integration of solar power generation and LED media
- Established the world's first Media PV production system  
Domestic KS certification and domestic/international patent applications.
- **Wall-mounted structures**  
Providing structures optimized for BAPV and BIPV  
(Building-integrated solar BAPV, BIPV capable)

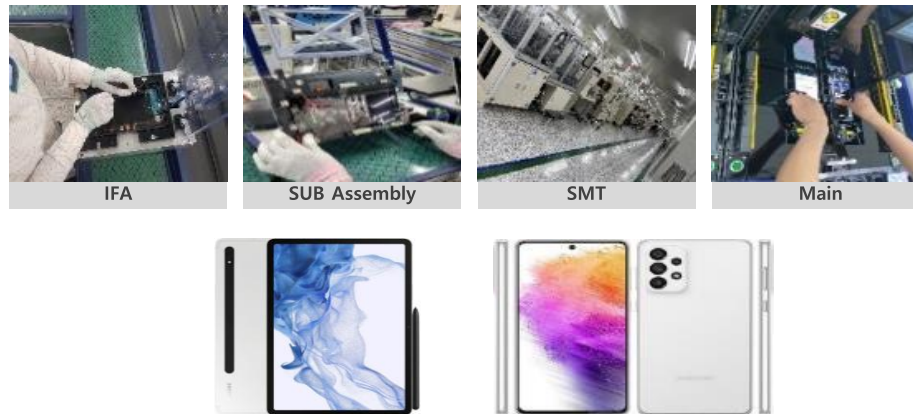


## 5. Smartphone EMS

Partnering in Next-Generation Mobile Communication Technology with Unique Component Design and Exceptional Manufacturing Expertise

01 ★

### Smartphone and Tablet Assembly (EMS)



Securing Global No.1 Manufacturing Competitiveness

Providing Total Solutions from Components to Set Assembly

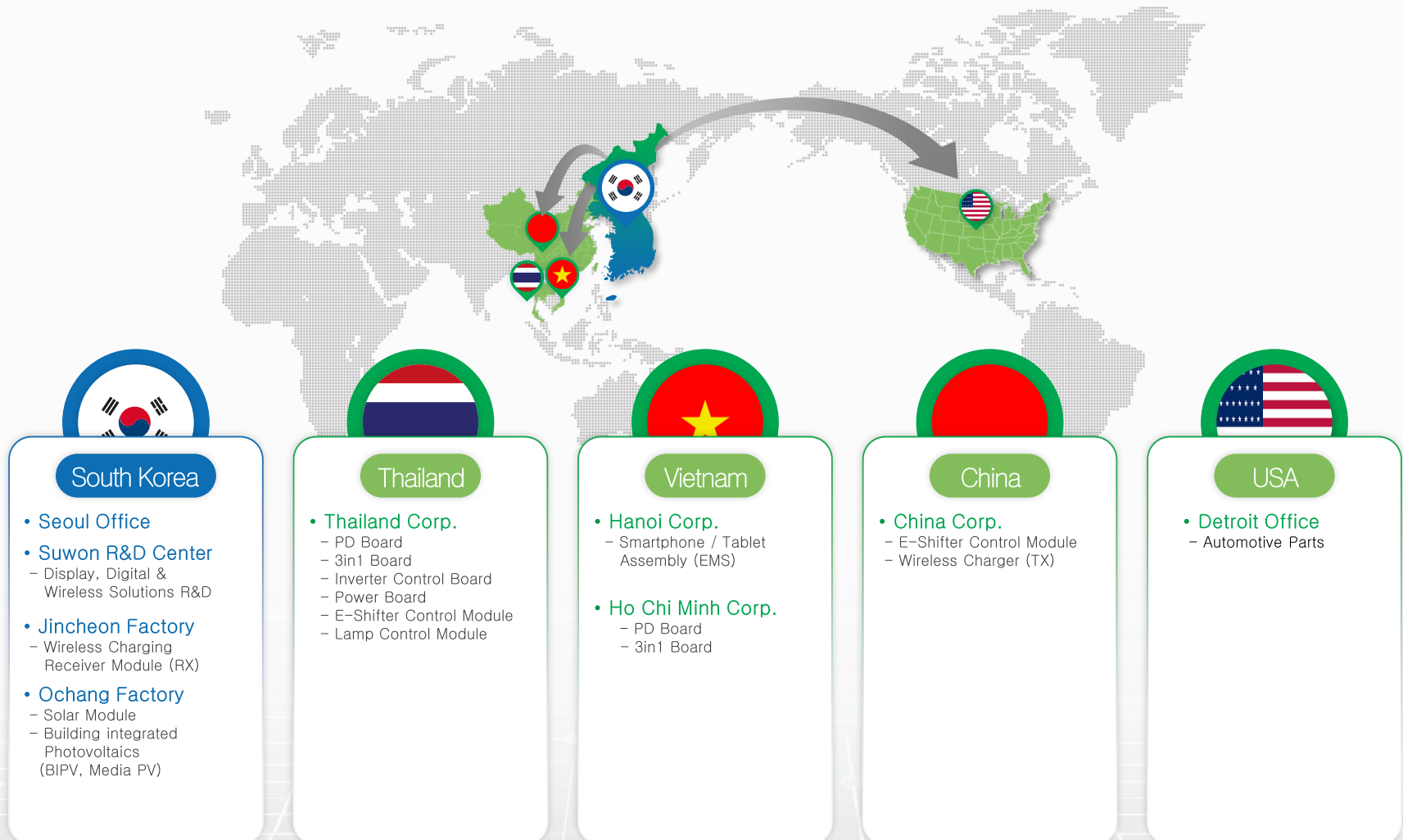
#### Key advantages

- Excellent Manufacturing Competitiveness
- Industry-Leading Quality Control
- Skilled Workforce and Customer Delivery Satisfaction
- Know-how for Advanced Device Manufacturing

# Global Network

Business Status | Global Network

We strategically established overseas corporations and offices in Thailand, Vietnam, China, and the United States to enhance global competitiveness.





## Seoul Head Office

### Location

5<sup>th</sup> Floor, B-dong, Fine Avenue Building,  
100, Eulji-ro, Jung-gu, Seoul, Republic of Korea



## JinCheon Factory

### Location

55 Hansam-ro, Jincheon-gun,  
Chungcheongbuk-do

### Area

Land Area: 31,404 m<sup>2</sup>  
Floor Area: 46,280 m<sup>2</sup>

### Main Product

Wireless Solution (RX)



## Ochang Factory

### Location

140, Gwahaksanup 1-ro, Oksan-myeon,  
Heungdeok-gu, Cheongju, Chungcheongbuk-do

### Area

Land Area: 49,586 m<sup>2</sup>  
Floor Area: 54,876 m<sup>2</sup>

### Main Products

Solar Modules



## Suwon R&D Center

### Location

6<sup>th</sup> to 8<sup>th</sup> Floors, Digital Empire C Building,  
1556 Deokyeongdae-ro, Suwon, Gyeonggi-do

### Research Area

Display, Digital & Wireless Solution

# Business Sites

Business Status | Business Sites



## Hanoi Corporation

### Date of Incorporation

May 23, 2013  
(Mass production in August 2014)

### Location

Yen Binh Industrial Park,  
Thai Nguyen Province, Vietnam

### Area

Land Area: 66,115 square meters,  
Floor Area: 62,809 square meters

### Main Products

Smartphone/Tablet EMS



## Ho Chi Minh Corporation

### Date of Incorporation

December 10, 2019  
(Mass production in April 2020)

### Location

Ho Nai 2 Industrial Park,  
Dong Nai Province, Vietnam

### Area

Land area: 49,586 square meters,  
Floor area: 31,404 square meters

### Main Products

PD Board, 3in1 Board



# Business Sites

Business Status | Business Sites



## Thailand Corporation

Date of  
Incorporation

Nov 3, 1995

Location

Chonburi Province, Thailand

Area

Land area: 66,115 square meters,  
Floor area: 26,446 square meters

Main Products

PD Board, 3in1 Board  
Inverter Control Board, Power Board  
Automotive Parts(Lamp, E-shifter)



## China Corporation

Date of  
Incorporation

Oct 20, 2016

Location

Kunshan City, Jiangsu Province, China

Area

Office/Production Line:  
1,123 square meters

Main Products

Automotive Parts  
(E-shifter, Wireless Charger (TX))

# ESG Management for Sustainable Business

Hansol Technics' Steps for the Future Generations

## ESG Vision

Eco-Friendly Electrical & Electronic Solutions Company for a Sustainable Future

## ESG



### Environment

Environmental Technology  
Development and Product  
Certification

Low-Carbon Product Development

Greenhouse Gas Reduction and  
Energy Conservation

Carbon Emission Reduction Facility  
Investment

Management of Environmental  
Pollutants and Waste Materials

Environmental Facility Investment

Quality Management System  
Certification

ISO 9001/ISO 14001



### Social

Growth Together with Employees

Enhancing Intergenerational Communication  
Culture through Forums and Meetings

Collaborative Growth with  
Partner Companies

Operating a Co-Growth Program  
Holding a Supplier Day event

Community Communication  
and Engagement

Solar Module Donations for Local Communities  
and Social Responsibility Initiatives

Certification of Occupational Health  
and Safety Management System

ISO 45001



### Governance

A Board of Directors with  
**Independence and Expertise**

Voluntary Disclosure of Corporate  
Governance Reports

Continuous Shareholder-  
Friendly Policies

Strengthening Risk Management  
System and Crisis Response  
Capabilities

Conducting Legal Compliance Management  
Assessment

Operating an ESG Metric Management  
System

## ESG Mission

Securing Competitive Advantage through Differentiation to Maximize Value  
and Sustain Continuous Growth with Customers

## Business Principles

Customer-oriented



New Value



Better Method



Competitive Advantage  
Through Differentiation



## Organizational Principles

Immersion

Transparency

Speed

Respect

Global Best Provider of Electrical & Electronic Solutions

# Thank You

