

Company Profile



2023. 08




Table of Contents

- 01** General
- 02** Description
- 03** Market analyzing & Marketing
- 04** Business Statement
- 05** On Tech Financial Statement



01

General for On Tech

1. CEO
2. Business Philosophy
3. Company general
4. Company history
5. CEO history
6. Management statement

CEO Greeting



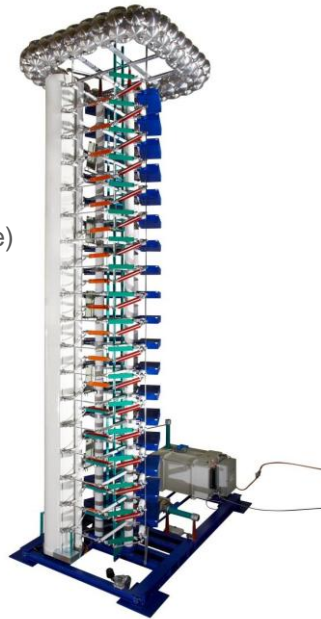
Kook Hwan Hong

When I open the door, I meet and talk comfortably like my neighbor's uncle, it's Kook-Hwan Hong of On Tech CEO who is doing the business between those neighbors who help and share what they need.

With all solutions for High voltage test equipment and Insulation testing equipment (Haefely & Tettex / Switzerland) and relay test instruments (EuroSMC / Spain), UV Camera (Corona discharge detector) & Wire Harness Machine (Mecal /Italy and Z+F/Germany), We always be with our customers.

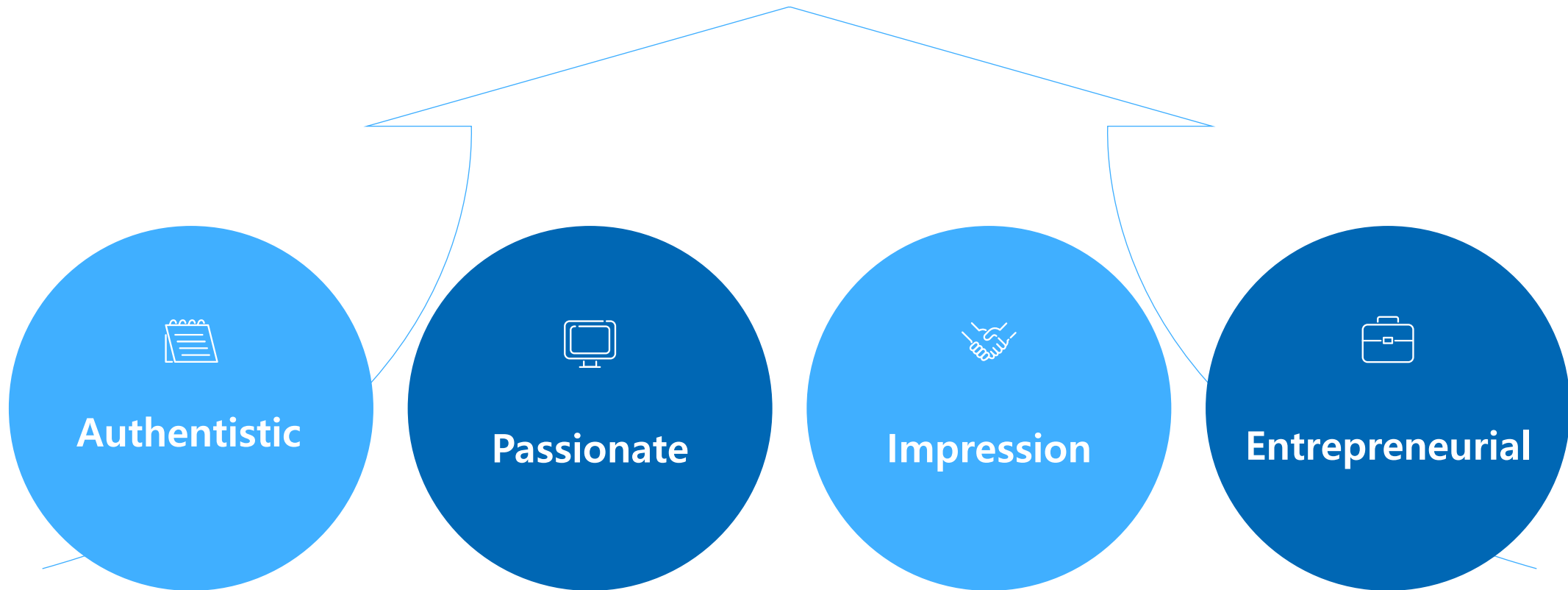
Career

- 1994 Bachelor Engineering of Electricity / Soongsil University in Seoul
- 1995 Iljin Electric / Cable div. / High Voltage Test Engineer
- 1996 154kV High Voltage Cable Development and Testing
- 2000 Jointed DKSH Korea (Former Edward Keller Korea) for Sales Engineer
 - Rosendahl (Austria) : Cable manufacturing line (Coaxial cable, Optical cable, Power Cable)
 - Haefely (Swiss) : High Voltage Test system and Diagnosis instruments
 - Truetzschler (Rieter / Swiss) : Textile machinery
- 2020 Build own business as On Tech
- 2020 Agent contract with Haefely (Swiss) and SMC (Spain)
- 2021 Agent contract with Mecal (Italy)
- 2022 Agent contract with Z+F (Germany)
- 2022 Award from Minister of Trade, Industry and Energy



Business Philosophy

Technology-Leader On Tech



General Overview

On Tech Co., Ltd.

Establishment

06 July 2020

Home page

www.ontech-korea.com

Address

149, 692 Beongil, Samyuksa-ro, Dongducheon-si,
Gyeonggi-do, 11341 Korea

Tel.

Tel. 031-864-0706 / Fax. 031-864-0626

Turn Over 2024

Approx. USD 7 Million



- Transfer to On Tech Co., Ltd.
- Open Home Page (www.ontech-korea.com)
- New start Wire Harness Business
 - Komax AG (Swiss) Agent Agreement
 - Schunk Sonosystem (Germany) Agent Agreement
- Extend Office space (100sqm)
- Re-organization (3 Teams)
- Tech. Training at Komax (2 weeks, 2 person)

- Superimposed Test System (KERI)
- Superimposed Test System (Taihan cable)
- Big Impulse Voltage Test System (HD Hyundai)
- Transformer test system (EPS 1500)
- Exhibition for Electric trade show

YEAR

2020

YEAR

2021

2022

YEAR

YEAR

2023

YEAR

2024

- Start On Tech (Private own), 6th July
- High Voltage Business acquisition from DKSH
- Haefely (Swiss) Agent Agreement
- SMC (Spain) Agent Agreement
- UVIR Agent Agreement

- Z+F (Ferrule) Agent Agreement
- Big Contract
 - KTC & KERI : HV Test System (CHF 5M)
 - END Electric : ZETA 650 (CHF 80K)
- Restructuring for Teams
- Exhibition for Electric Trade Show (BIXPO at Gwangjoo)

- HV Transformer Test system (LS)
- MV Grade Impulse Test system
 - Cheryong Electric, Kukje, Dongmi
- Transformer test system (TMS)
- New Office building and Factory

CEO history

Name	Kook Hwan Hong			
Tel.	+82 31 864 0706			
E-mail	kookhwan.hong@ontechkorea.com			
Education	1995. 02	Soongsil Univ.	Engineering of Electricity	bachelor
Carrier	Sept. 94 ~ Sept. 99	Iljin Electric	QA Team High Voltage Test	Test Engineer
	Feb. 2000 ~ June 2020	DKSH Korea	Technology BU High Voltage System	Sales Engineer, Tech. supporting, Consulting
Certificate	May 1994	Electric Engineer		
Uniqueness	• High Voltage Test (Haefely, Tettex, etc) operation and control 5 years			
	• HV Test System Consulting and Supply, Test lab. Know how transferring 20 years			
	• Electric wire and Cable machinery sales 10 years			
	• Cam Grinding machine Sales engineer 5 years			
	• lecturer for Insulation Diagnosis (Measuring technology) more than 10 years			





Business Overview

Core Competency

Competitiveness

Flow for business

Business Overview

Partner company



HAEFELY

Current and voltage – our passion

Switzerland

High Voltage Test System

- Impulse Test System up to 10,000kV
- AC / DC Test System up to 3,000kV
- Transformer Test System
- HV Current Test System
- HV Diagnosis System
 - 1) PD Detector
 - 2) Tan delta Measuring
 - 3) CT/PT Test set



Spain

Relay Test System

- Relay Test system
- Circuit Break Test System
- Microohm meter
- CT / PT Analyzer
- Primary injection Test set



China

Capacitance Bank and AC Resonant

- Capacitance Bank
- Step Up Transformer
- Cable Heating System
- Gas type AC Test System
- AC Resonant Test System



Korea

Shield Room and CCTV

- RF Shield Room
- PD Test Room
- Shield Curtain
- Noise Enclosure
- CCTV

Overview for Partner company

Name	Haefely AG (Switzerland)	EuroSMC (Spain)	PowerHV (China)	On Tech
Start	1905	1985	1998	2020
Main products	<ol style="list-style-type: none"> 1. HV Test System (AC, DC, Impulse) 2. PD Test set 3. Tan delta Test set 4. Transformer Test set 	<ol style="list-style-type: none"> 1. Relay Tester 2. Switch Tester 3. Prime Injection set 4. Contact resistance meter 	<ol style="list-style-type: none"> 1. HV Test System (AC/DC/Impulse) 2. Heat Cycle Test 3. Capacitor Bank 4. Resonant Test system 	<ol style="list-style-type: none"> 1. RF Shield Room 2. Shield Curtain 3. Electric Earth Construction 4. CCTV
Employees	Approx. 150	Approx. 35	Approx. 200	Approx. 10
Pictures				

Business Overview

01

High Voltage Business

1. Impulse Test System
2. AC / DC Test System
3. Transformer Test System
4. Cable/GIS Test System
5. Rotating machine Test set
6. PD Test System
7. Tan delta Test System
8. Relay & CB Test System

02

RF Shield Room for PD

1. Metal construction
2. Shield Room
3. Shield Curtain
4. Grounding earth construction
5. CCTV

03

Technical Supporting

1. Member : 5 Engineers
2. One CTO
 - Mr. D.Y Jung
3. Senior Engineer
 - Mr. S.Y Lee
 - Mr. K.S Kim
4. Engineer
 - C.Y Hwang
 - S.J Park



Supplied System



Hyundai Electric (4400kV)



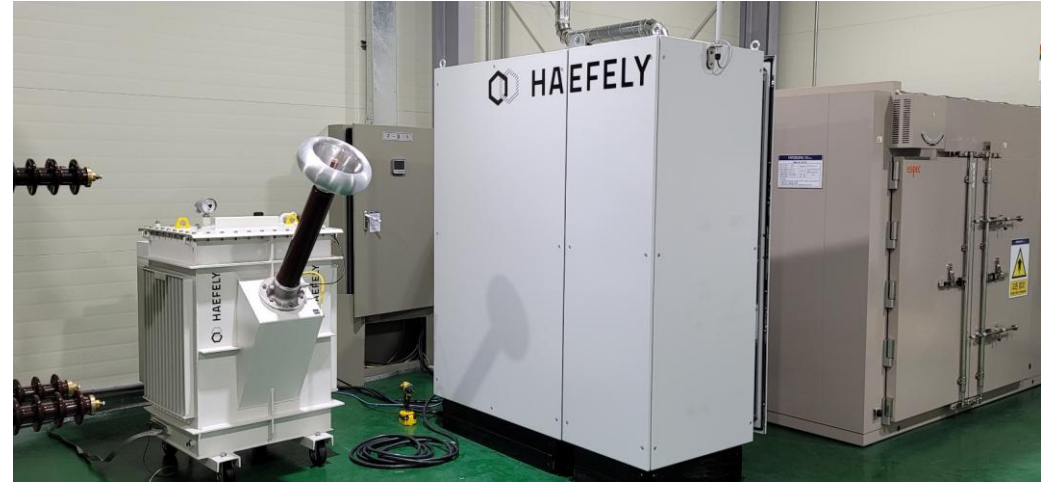
LS Electric (3000kV)



Iljin Electric (1200kV)

Supplied System

Hyosung (100kV, 1A)

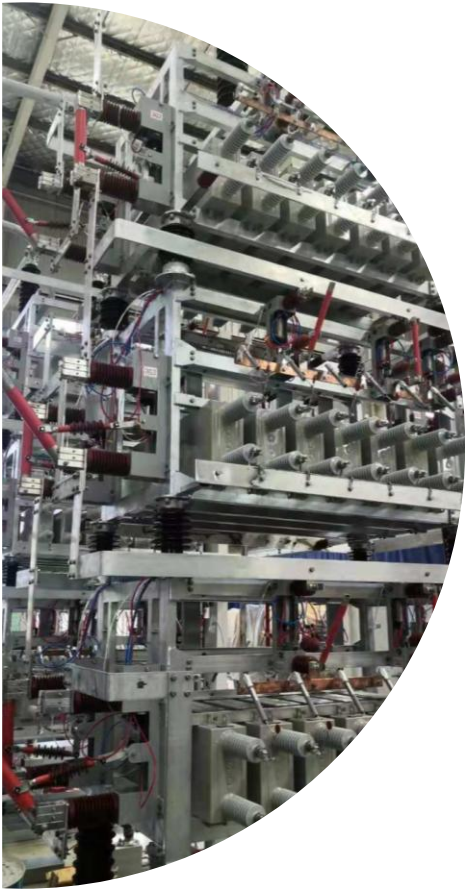


Iljin Electric (750kV, 50A)

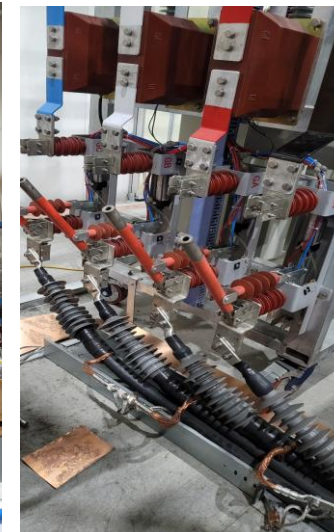


Youjin Techno (100kV, 20A)

Supplied System



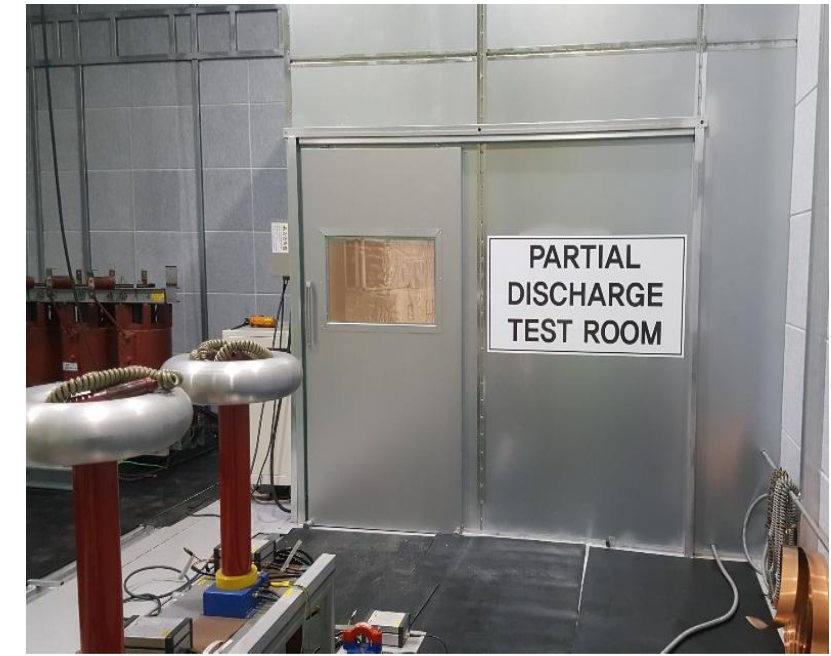
Electric Earth Construction

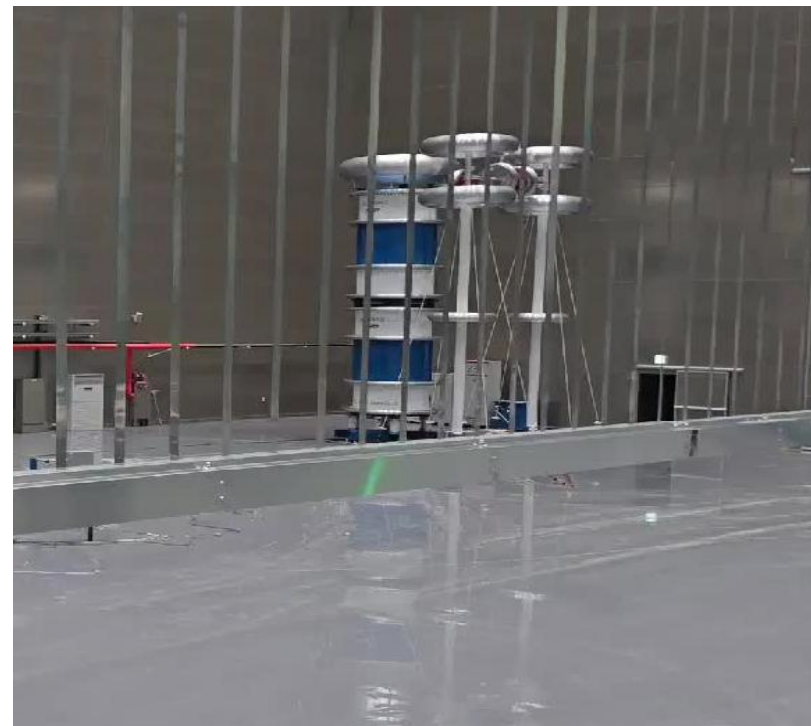
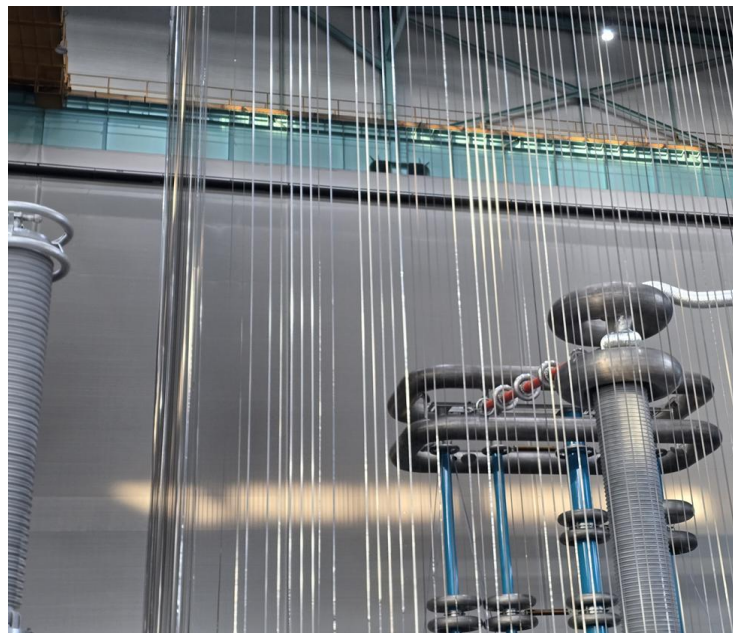


Sanil Electric (Transformer Test System 100kV, 2000A)

Shield Room

mechanical
specifications





Supplied System

cctv



- HD Hyundai Electric : 4 channels
- Sanil Electric : 8 channels
- KOC Electric : 6 channels
- LS Electric : 6 channels
- KTC (Ochang) : 4 channels
- Iljin Electric : 8 channels
- Hyosung : 4 channels

03

Market analysis and Forecast

1. Market size and forecast
2. Competitor analyzing
3. Marketing strategy
4. SWOT

HAEFELY

Market Characteristics

1. High Voltage Business

- HV DC demand is trended increasing specially for HV DC Cable for conventional transmission replacement from AC to DC and mainly market growing from Renewable Energy transmission line bumming up
- New power equipment according to new transmission line (66kV) new (planned) increased demand for test facilities
- Major Transformer customers (Hyundai, Hyosung, LS Electric, Iljin Electric) is in a over capacity for 2 ~ 3 years order intaking.

\$ 6M / 2023

\$ 10 M
2024

Forecast

20 ~ 30 % higher turn over is expected in 2024

**HV Business is a basement
as 70% of On Tech Turn Over.**

Marketing Strategy

Business System Stable

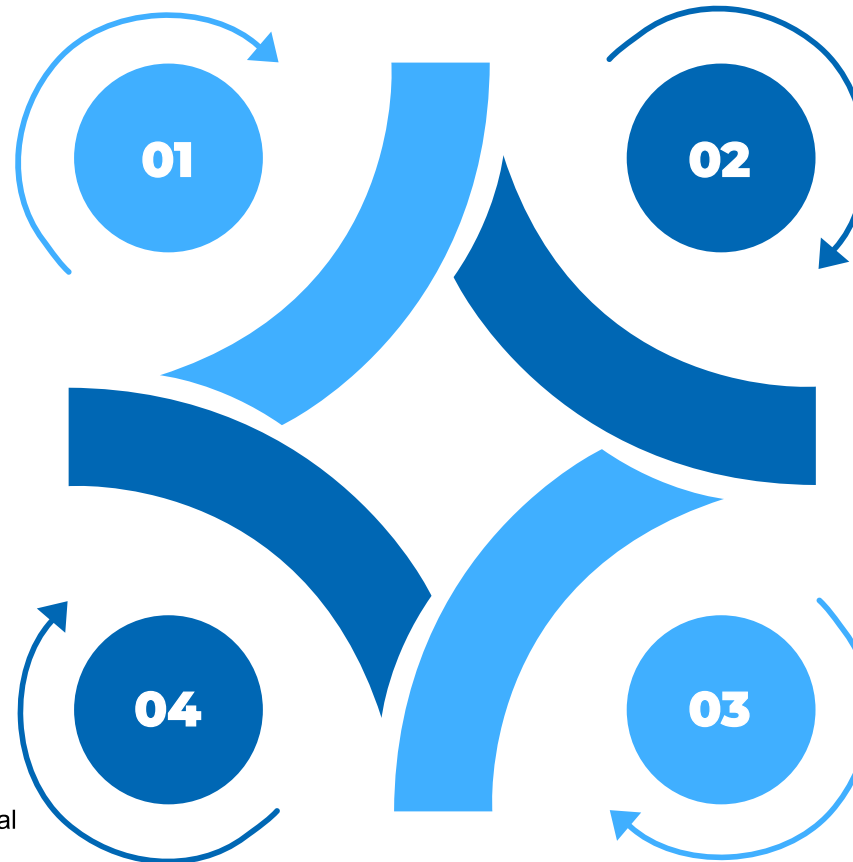
HV Test System Business Achieving virtuous cycle structure through normalization and stable system construction

Metal Construction Create a Cinergy effectiveness together with HV Test system, specially for partial Discharging as well as new HV DC protection purpose by Shield Curtain and improving members' sales and technical support capabilities

- Home page supplement and up grade
- exhibitions (2 times per year) & Training
- Audience discovery and telemarketing
- Demonstration

A/S and Customer satisfaction

- Manual formulation for A/S reception and response
- Leveling FSE's capabilities and decentralizing its work
- Quick Guide to English Equipment Operation Manual
- Holding technical seminars for customers: at least once a year



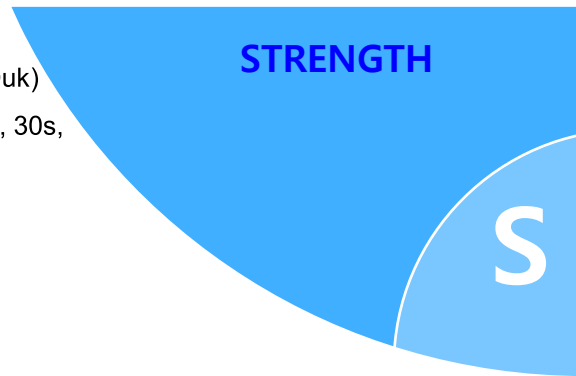
Improve Technology

- **Improved electro drawing:** Regular internet lectures and technical discussions
- **External technical training :** Optional training for technological advancements
- **Technical Training:** Training for Manufacturer Equipment
- **Technical seminar regularization:** Quarterly seminar internally in On Tech

Create new value

- Customer-centric visit and consultation consulting
- Customer experience through authenticity and passion
- Build trust with immediate reply and response

- Top Brand Power (**Haefely & Komax**)
- More than 25 years of technical experience in high voltage testing and installations
- (KookHwan Hong & DukYong Jung)
- Long years experience engineers (Lee, Duk)
- People-to-people across generations 20s, 30s, 40s, 50s



- Stay at Comfort Zone : for HV Business side
- New Team Member

- Active Challenge: **Metal Construction**
- Leaps, growth and development
- Choosing and centralizing technology
- Sinergy Effect through different HV Test system and New market demand from HV DC Test segment



- generational differences
- New Business Investments (Metal construction)
- Buy and maintain demo equipment



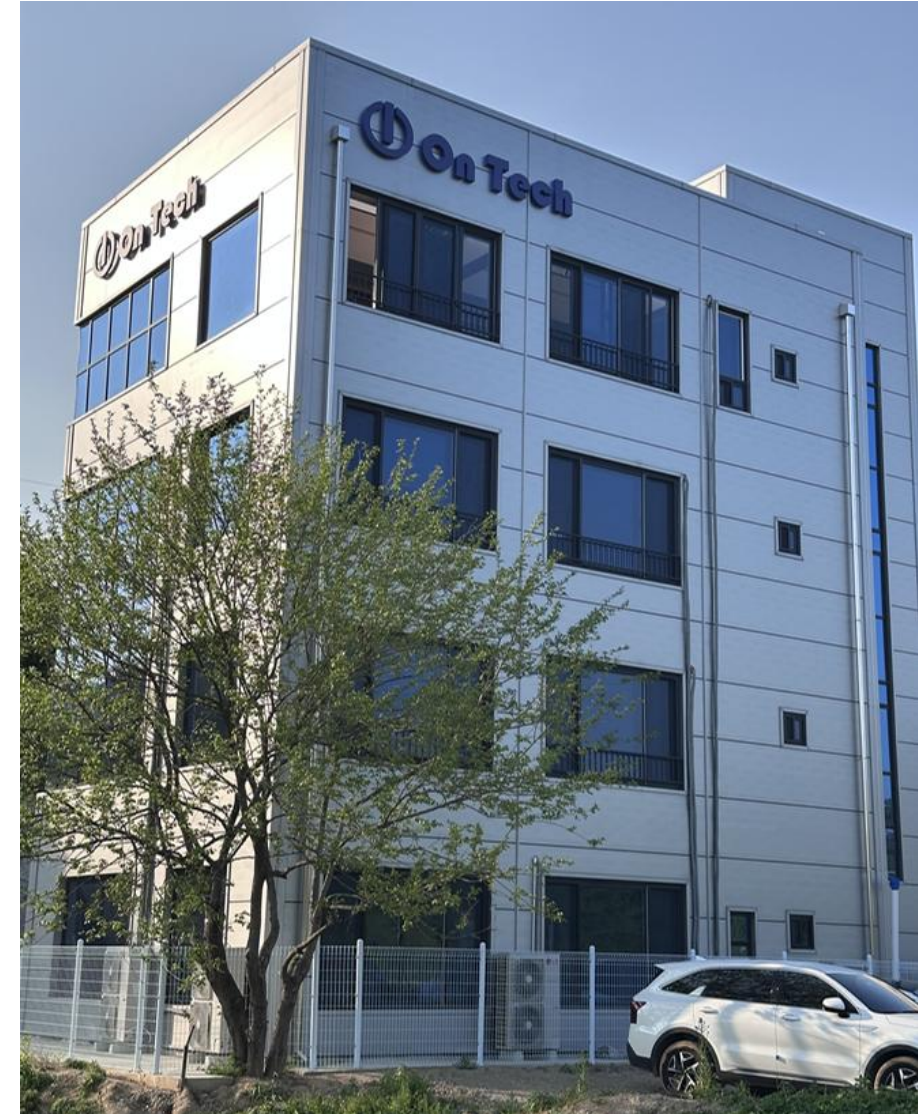
04

Business Statement

1. Business Status
2. Equipment retention status
3. Organization
4. Major Customers
5. Turn Over

Business Status

Location	149, 692 beongil, Samyuksa-ro, Dongducheon-si, Gyeonggi-do, South Koera
Business Starting	06 July 2020
Building	On Tech Building
Area	Approx. 850 sqm <ul style="list-style-type: none">- Close to Dongducheon Station approx. 3km- Parking : In the building or external parking area

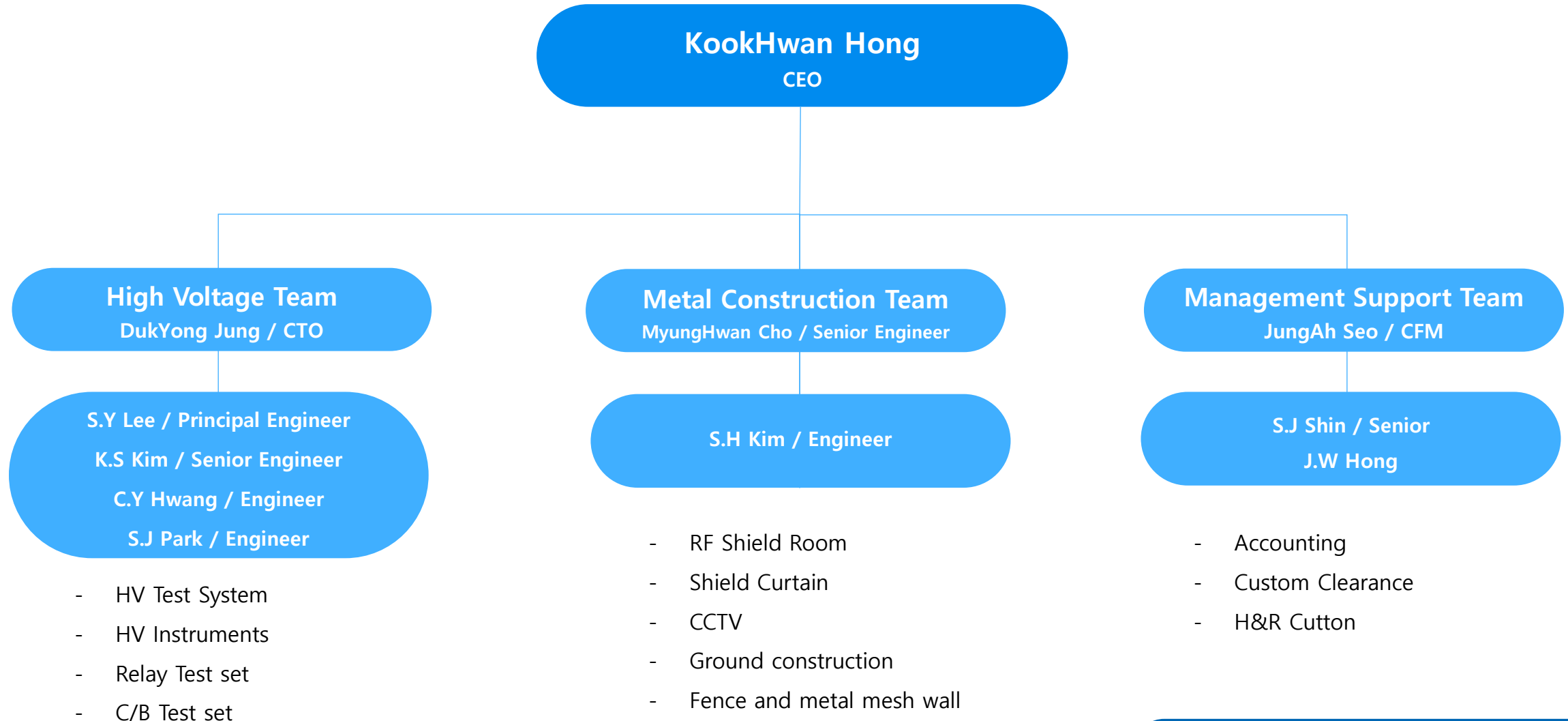


Equipment retention status



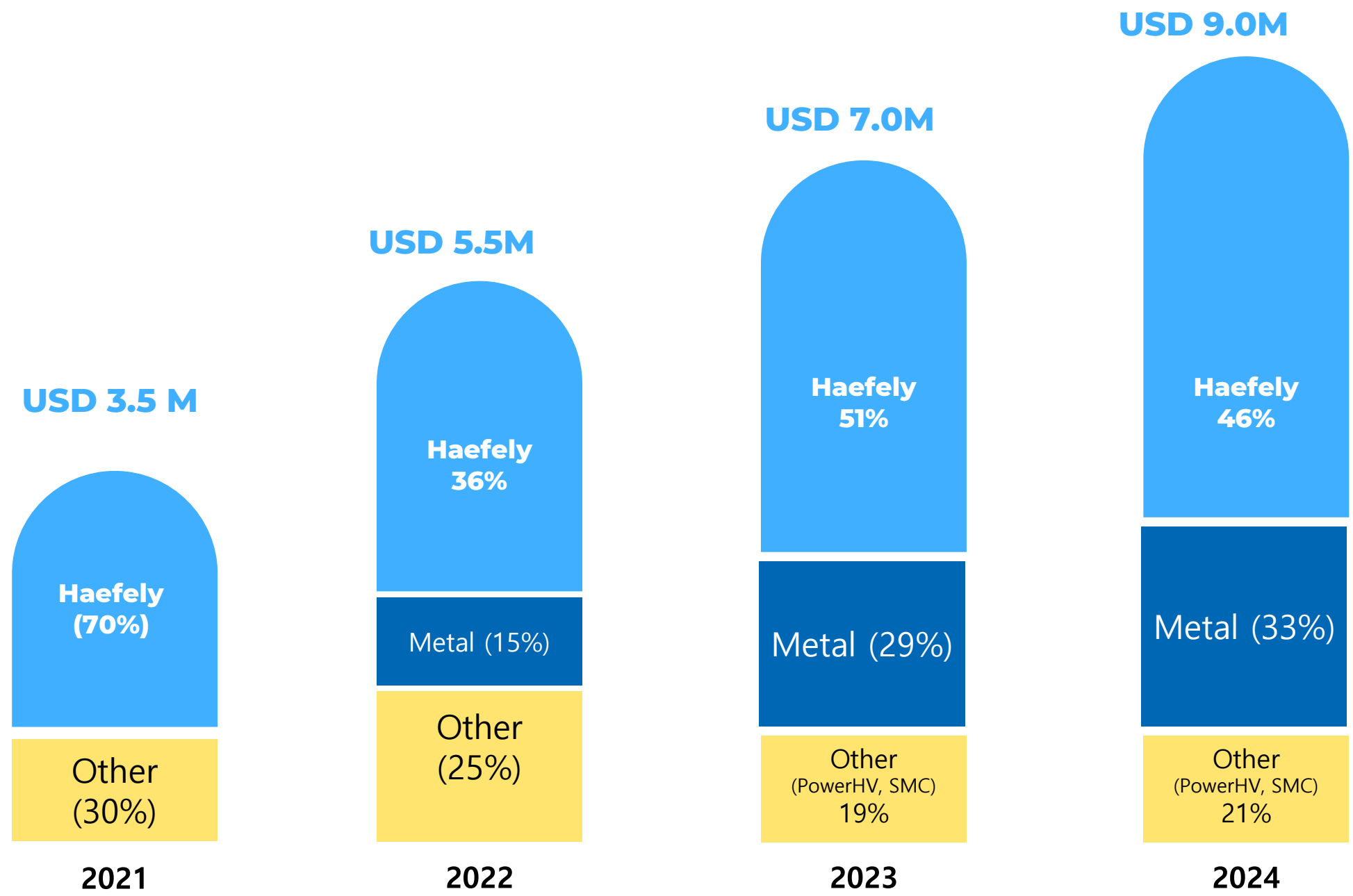
Equipment	2293 (Winding resistance)	Micro2883 (Tan delta)	Midas 2881G (Tan delta)	Minic III	PM 500TR	Prime 600	Raptor	Gamma448	Mira 340Q
Spec.	2 x 100V, 16A	1 x 10-4	1 x 10-4	Ultra Sonic Welding M/C	CB Tester	Contact resistance meter	CT Analyzer	C-C	Cut & Strip
Q'ty	1 set	1 set	1 set	1 set	1 set	1 set	1 set	1 set	1 set
Price	USD 30,000	USD 50,000	USD 70,000	USD 35,000	USD 7,000	USD 9,000	USD 20,000	USD 85,000	USD 15,000
Maker	Haefely	Haefely	Haefely	Schunk	SMC	SMC	SMC	Komax	Komax

Organization



Total : 11 Persons

Turnover 2023





THANKS

149, 692 beon-Gil
Samyuksa-ro, Dongdoocheon-si
Gyeonggi-do, 11341 South Korea

031-864-0706

info@ontechkorea.com

www.ontech-korea.biz

