



nepes 2021 INTRODUCTION

 nepes

Semiconductor | Neuromorphic A.I | IT Materials | Energy | 2ndary battery



ABOUT
NEPES



BUSINESS
PORTFOLIO



CORE
TECHNOLOGY



GLOBAL
NEPES



CORPORATE
CULTURE



HYPER
CONNECTING
TECHNOLOGY

네패스의 4차원 경영은 회사명을 결정하는 그 순간부터 시작되었습니다.



어원(히브리어)

נצח חיים (khai nepes)

Eternal Life / Dynamic

장수기업



4차원 경영이란?

젓과 꿀이 흐르는 장수 기업이 되기 위해 **창조, 혁신, 개척** 사건과 **재미, 만족, 기쁨** 사건이 계속적으로 일어나게 하는 경영

Corporate Identity



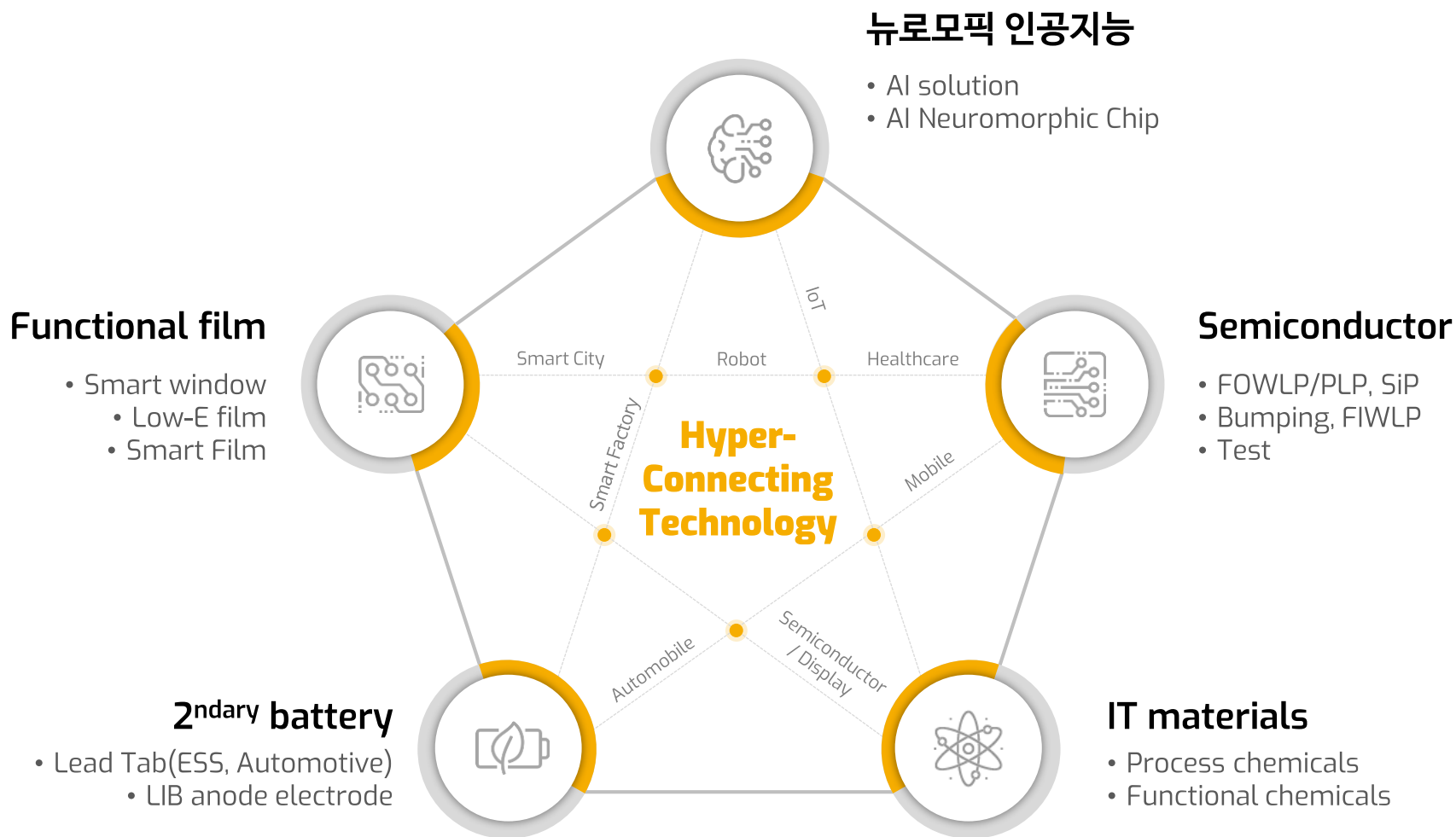
Trademark

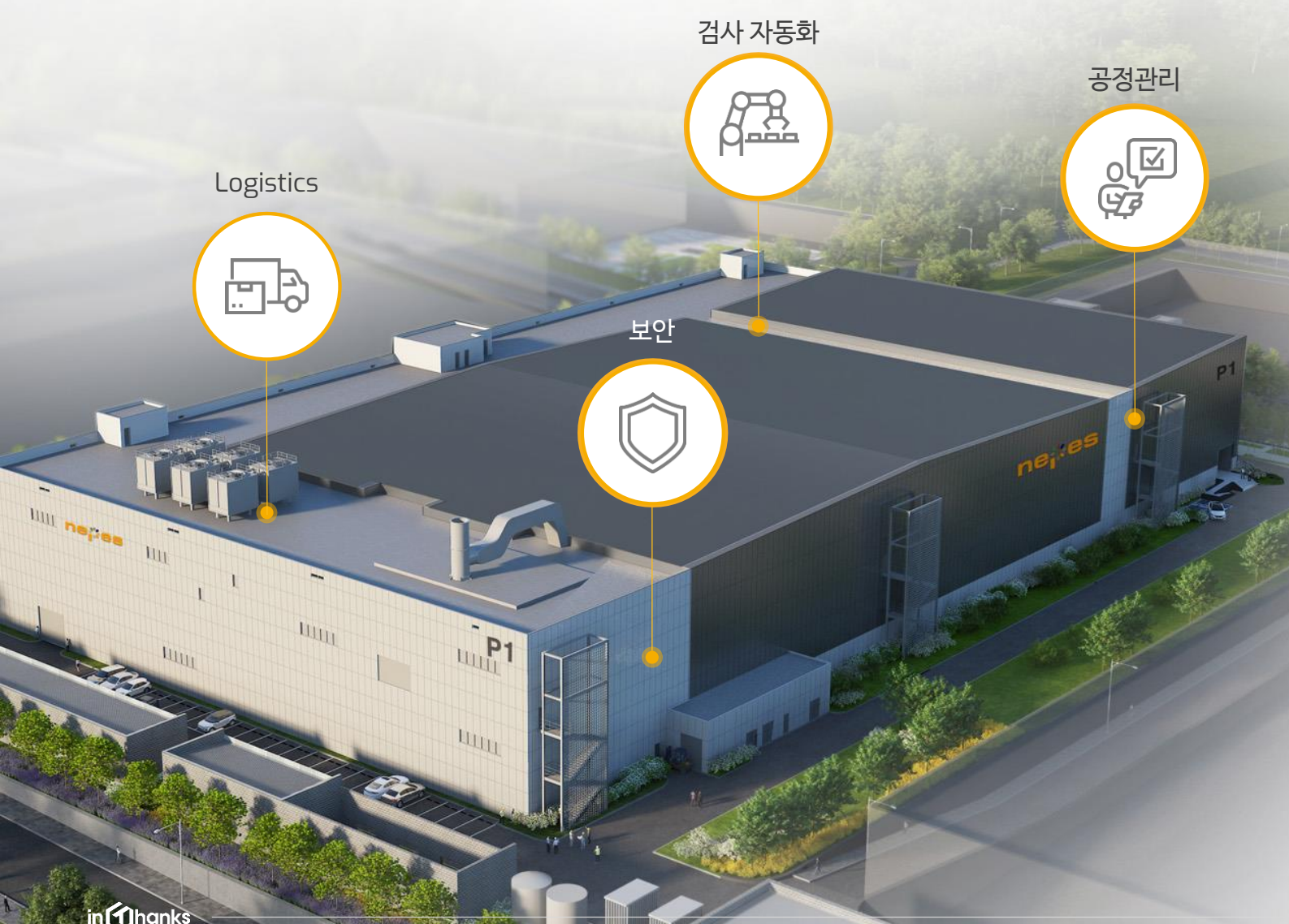


회 사 명	주식회사 네패스
설 립 연 월	1990년 12월
상 장 연 월	1999년 12월(KOSDAQ 033640)
C E O	이병구 (Byung-Koo Lee, 李柄九)
해 외 법 인	CN, US, PHL, IDN, RUS



네패스는 미래 사업을 이어주는 **초 연결 기술**(Hyper-connecting Technology)을 만들어갑니다.





Logistics



검사 자동화



공정관리



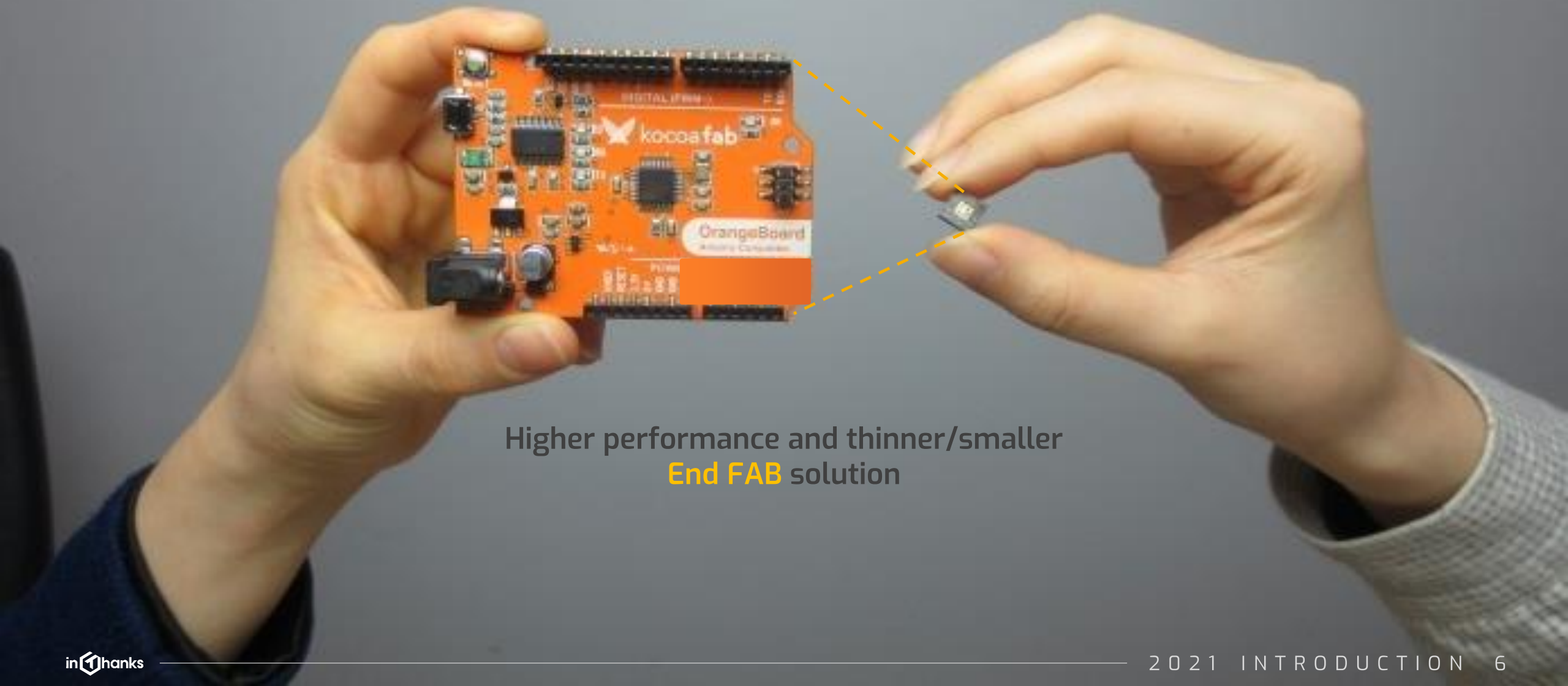
보안



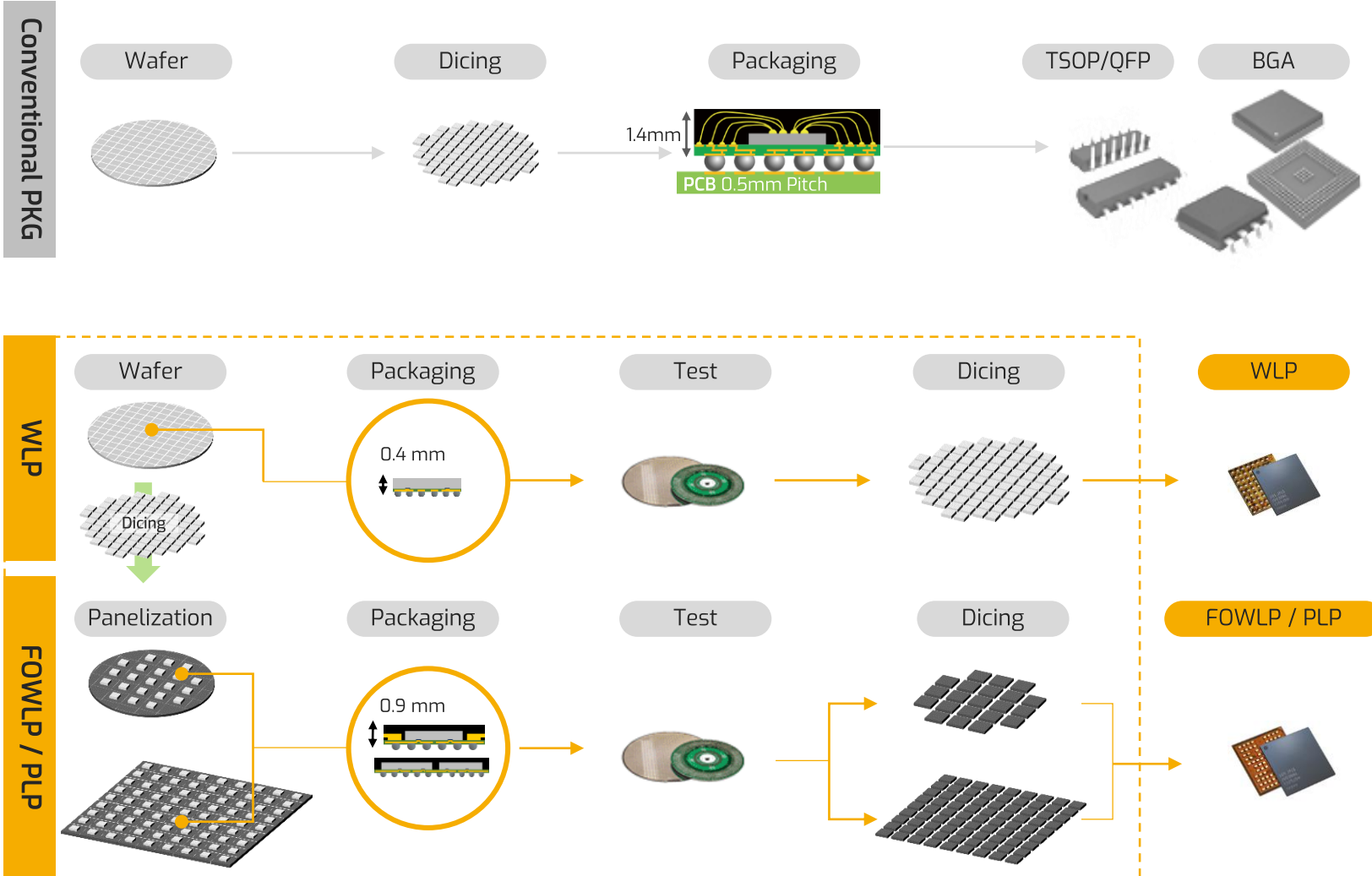
Service & Products

- A.I Solution for Factory
- A.I Solution for Vision
- A.I Solution for CCTV
- A.I Neuromorphic Chip

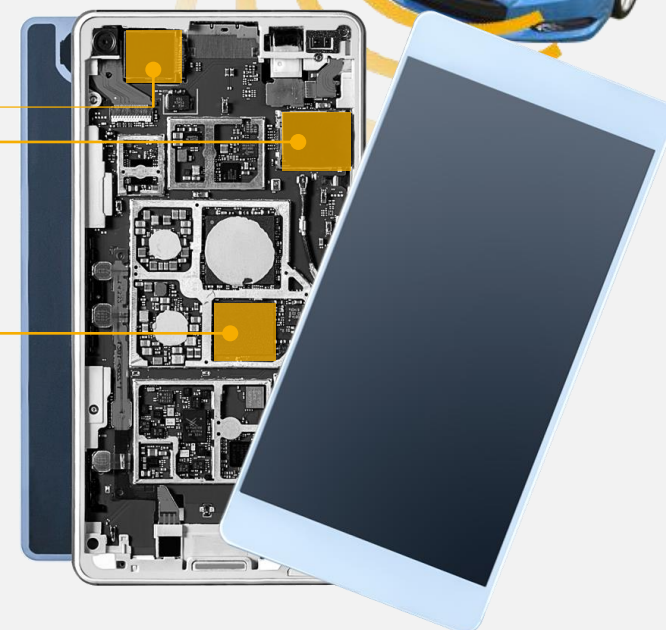




Higher performance and thinner/smaller
End FAB solution



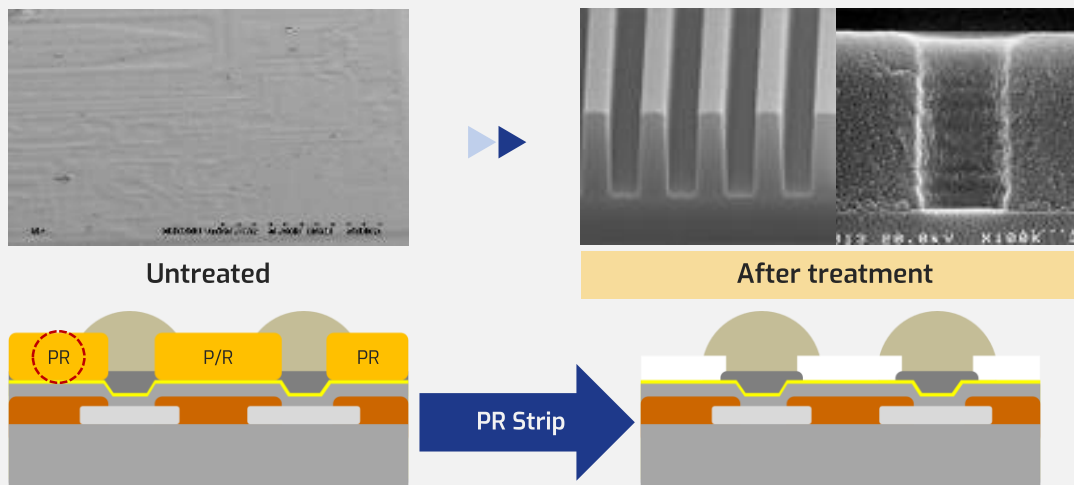
Applications





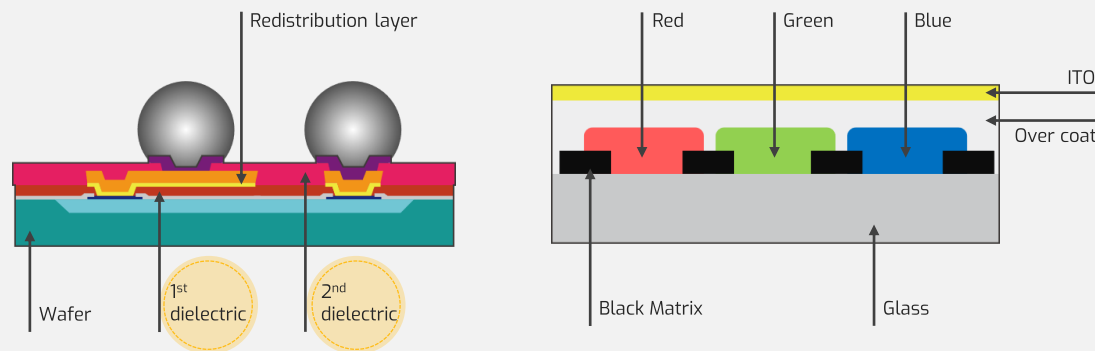
Process chemical

- PR
- Developer
- PSPI Developer
- Stripper
- Etchant
- HSN
- PV texture



Functional chemical

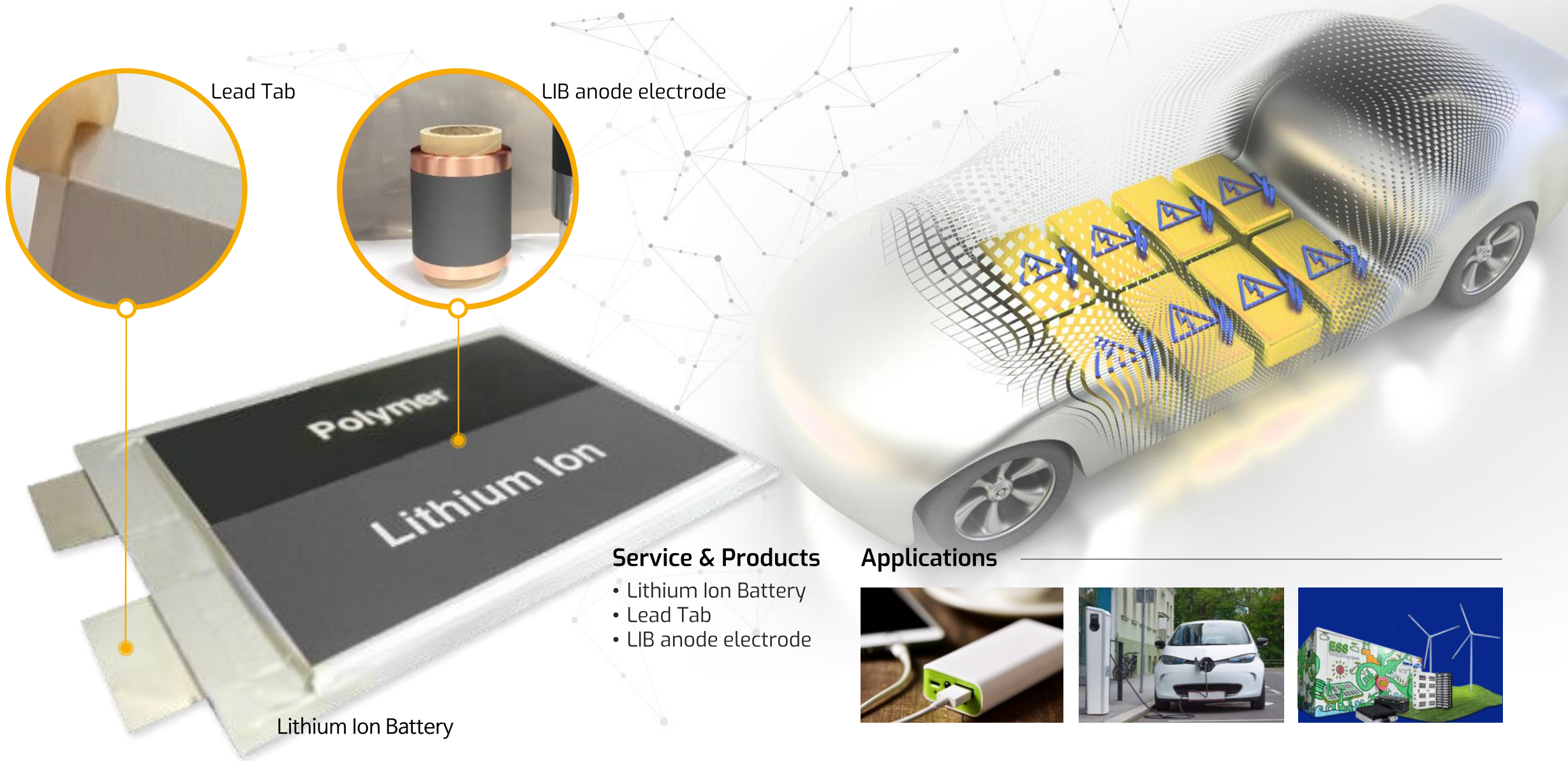
- ILD
- Cu 도금액
- Color paste

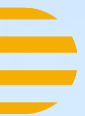


Applications



Semiconductor Display(LCD, OLED)
Solar Cell



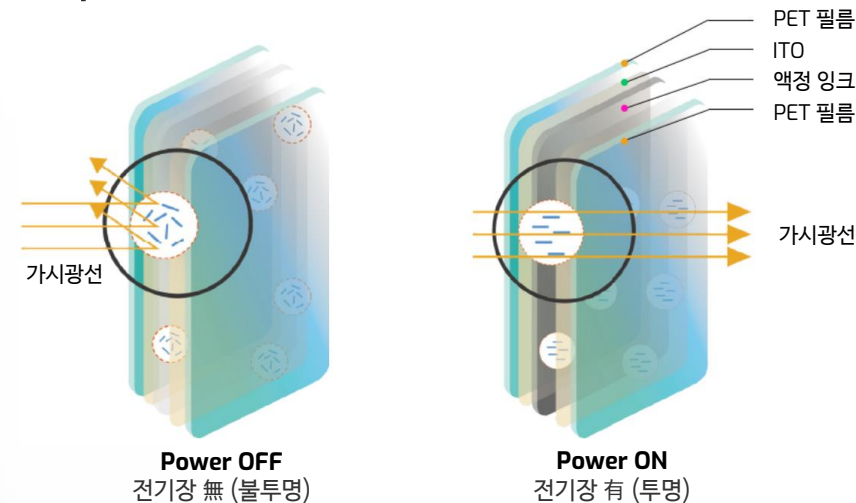


변색필름(Super LC)



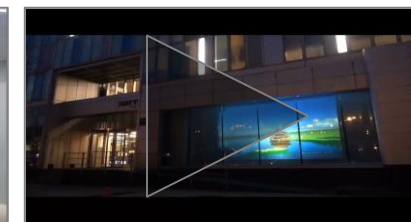
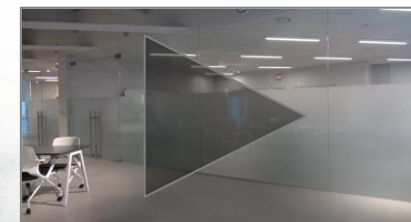
로이필름(Pentix®)

Super LC의 구조 및 원리



Service & Products

- Smart Windows(on/off)
- Low-E film(Pentix50, Pentix60)





Eyewear Dimming Film

Service & Applications

- Smart Sunglasses
- AR/VR glasses
- Switchable Mirror
- Vehicle

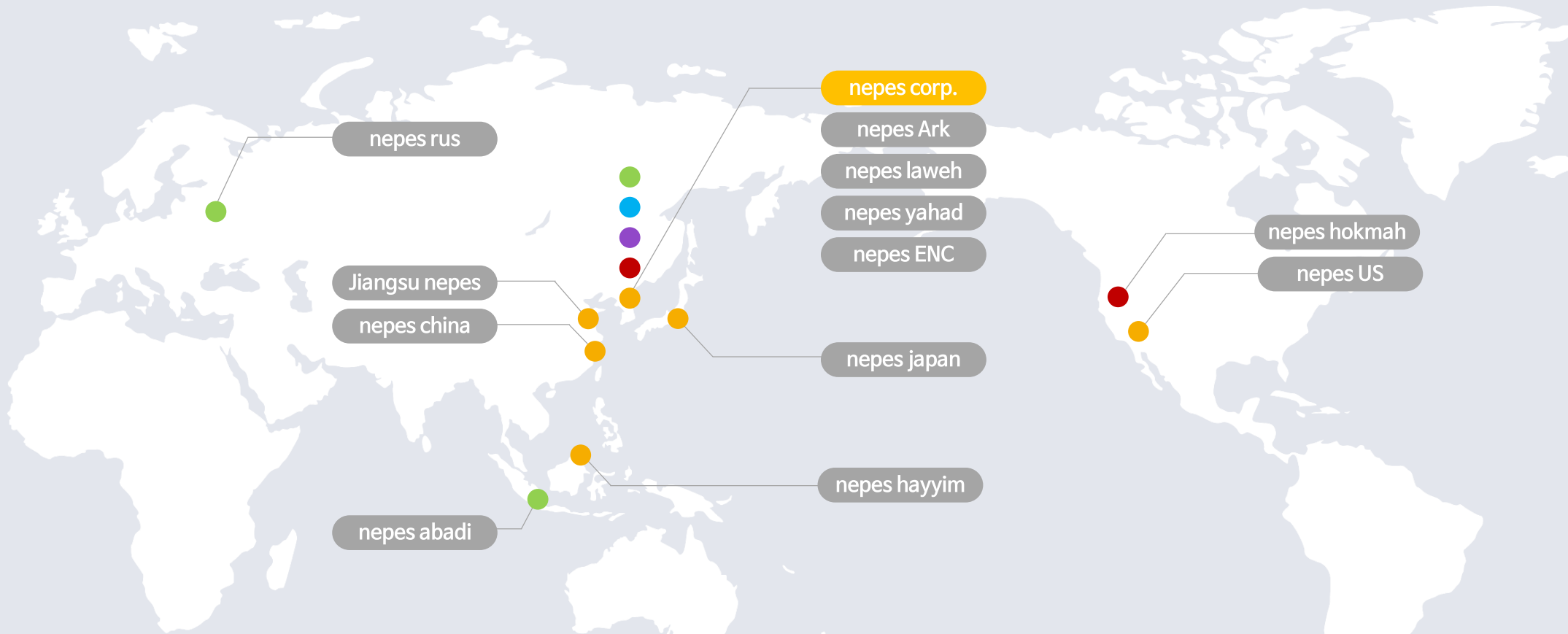




GLOBAL NEPES



우리의 기술과 제품을 가지고 **땅끝까지** 섬기겠습니다.



- Semiconductor
- Energy
- IT materials
- Neuromorphic A.I.
- 2ndary battery

네패스는 기업문화 증강으로 성과를 창출하여 **지속 성장**합니다.



superstar



Sharing

Global
NO.1
기업문화



Thanks & Song



i-training

3.3.7
LIFE



nepes
nepes corporation

THANK YOU

To Him who alone does great wonders, His love endures forever. Psalm 136:4

* A dandelion means 'Gratitude' in the language of flowers

nepes corporation

2415, Nambusunhwan-ro, Seocho-gu, Seoul, Korea

Tel : 02-3470-2700

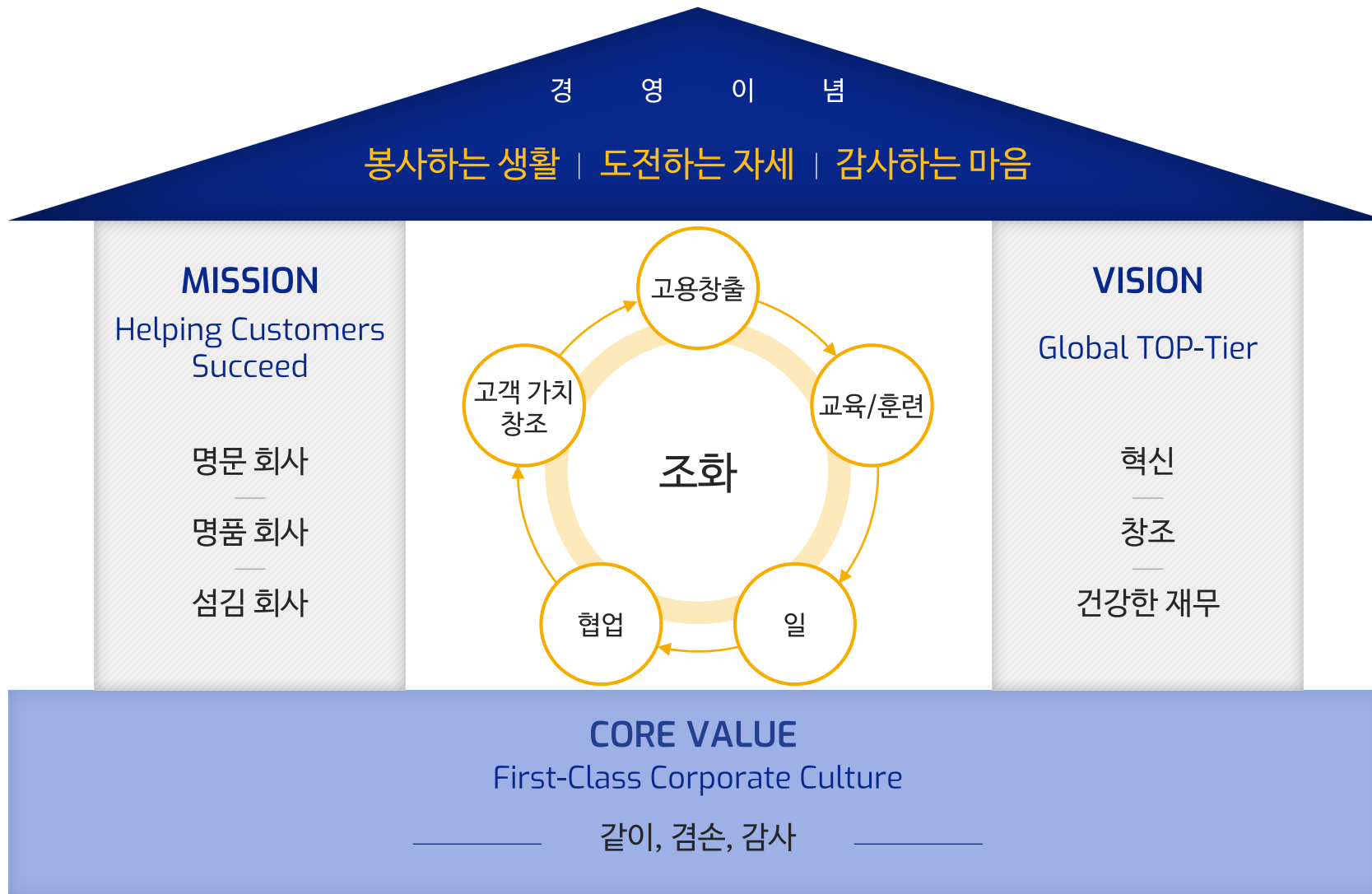
Fax : 02-3470-2708

URL: www.nepes.co.kr



APPENDIX 1 | 경영설계도

네패스는 일관성 있게 **경영철학**을 실천해 나가는 기업입니다.





네패스는 일을 잘할 수 있는 품성을 가진 사람들이 모인 공동체입니다.



네패스 LOGO



‘감사로 연결된 n가족 공동체’

고유 인사말

superstar

‘슈퍼스타’는 나보다 상대방을 높여 부르는 네패스 고유의 인사말입니다.



Market Trend

Smaller form factor
(Based on Wafer-Level Platform)

Highly integrated Wafer-Level System in Package

Tech. Roadmap

Conventional PKG

1.4mm

Chip

QFP

QFN

FCBGA

Bumping

Gold

Solder

Etc(Cu Pillar, CNA bumping)

WLP

8"WLP

12"WLP

Chip 0.4mm

Fan-out WLP/PLP

nPLP™

600x600mm

Chip 0.9mm

System in PKG

Multi-Chip Packaging

Si GaAs

System in packaging

Chip

One Package Module

- AP, PMIC
- Flash Memory
- **Neuromorphic**

Position

Other OSAT

Conventional wire bonding packaging & Typical WLP technology

nepes

End FAB Solution

(Bump, WLP, FOWLP, FOPLP, SiP, TEST)

