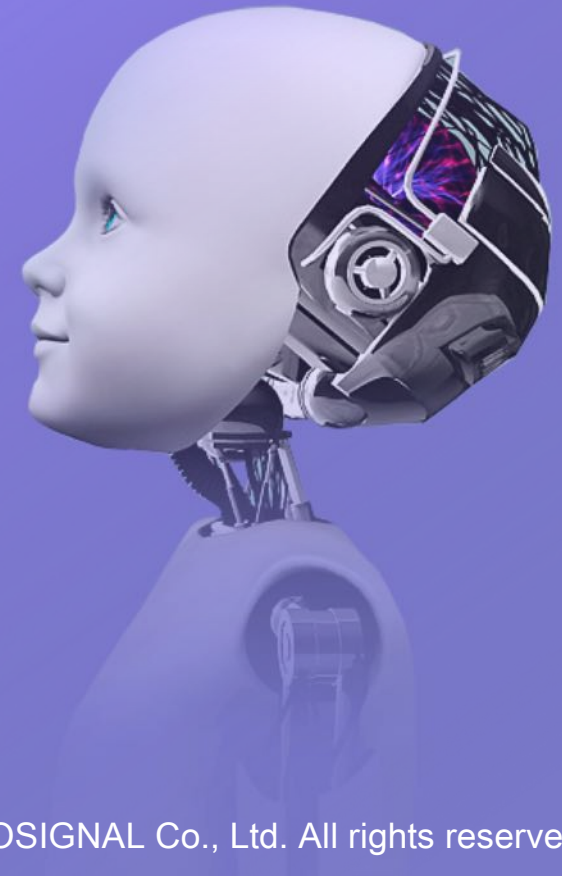
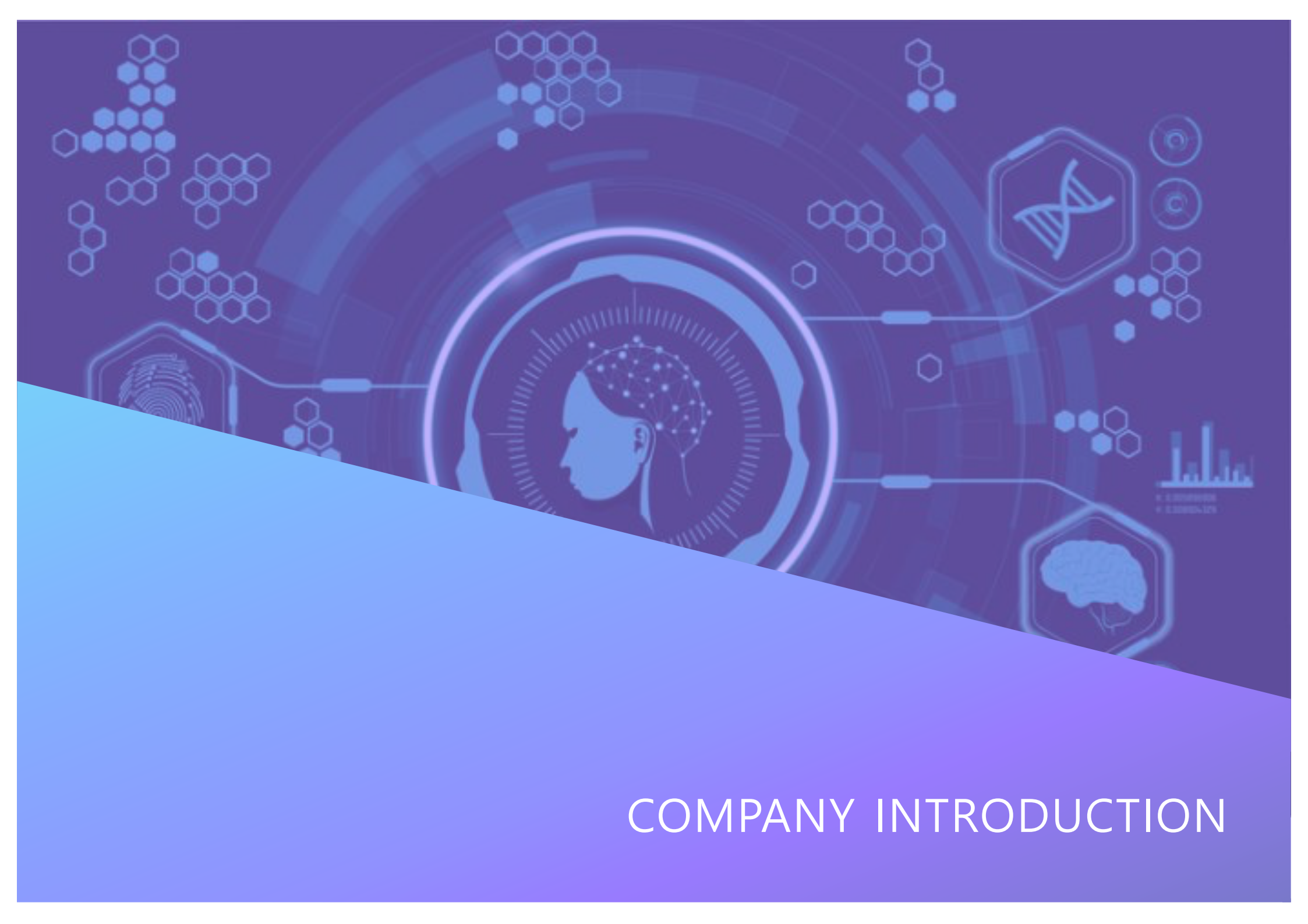


# INNOSIGNAL

AI Powered Data Analysis Platform





# COMPANY INTRODUCTION

- **INNOSIGNAL** provides Data Analysis Service. Through Data Analysis, We **create value & provide Innovation**.

**INNOSIGNAL**'s **AI-based analysis algorithm 'SCAP'** is able to detect hidden changes in signal quickly and precisely beyond human cognitive ability.

**INNOSIGNAL**'s technology is provided as a core algorithm to **Industry 4.0 / Smart Factory / IoT / Big Data** industry





## HISTORY

- **2015. 08**  
Foundation of INNOSIGNAL
- **2015. 12**  
KR, US Patent
- **2015. 12**  
Venture Company Certified

2015

- **2016. 04**  
Received R&D fund

2016

- **2017. 06**  
NANO KOREA Exhibition
- **2017. 08**  
STARTUP NOMAD 5
- **2017. 08**  
SCAP trademark registration
- **2017. 10**  
Investment from KAKAO
- **2017. 11**  
IR in U.S. @FOUNDERS SPACE, Silicon valley
- **2017. 11**  
Startup Festival@COEX
- **2017. 12**  
K-Global 300

2017

- **2018. 01**  
Capital increase
- **2018. 03**  
SEOUL POST BI
- **2018. 04**  
Smart factory platform showcase

2018

## Founder



Kyuhwan Hwang

### CEO

QC monitoring  
expert(7 yrs)  
Korea Institute of  
Science & Technology  
Ph.D. Candidate

## Co-Founder



Aidan Lee

### CSO

Full Stack Developer(18 yrs)  
Ohio State Univ.  
B.Sc. Psychology / AI  
Exit Experience



Yonghee Park

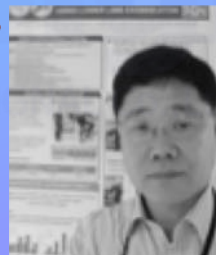
### Full Stack Developer (13yrs)

B.Sc. Computer science



Yoha Hwang

Technical advisor  
Korea Institute of  
Science &  
Technology  
Univ. of Michigan  
Ph.D.



Jongmin Lee

Technical advisor  
Korea Institute of  
Science &  
Technology  
Ph.D.



Sungwoo Kim

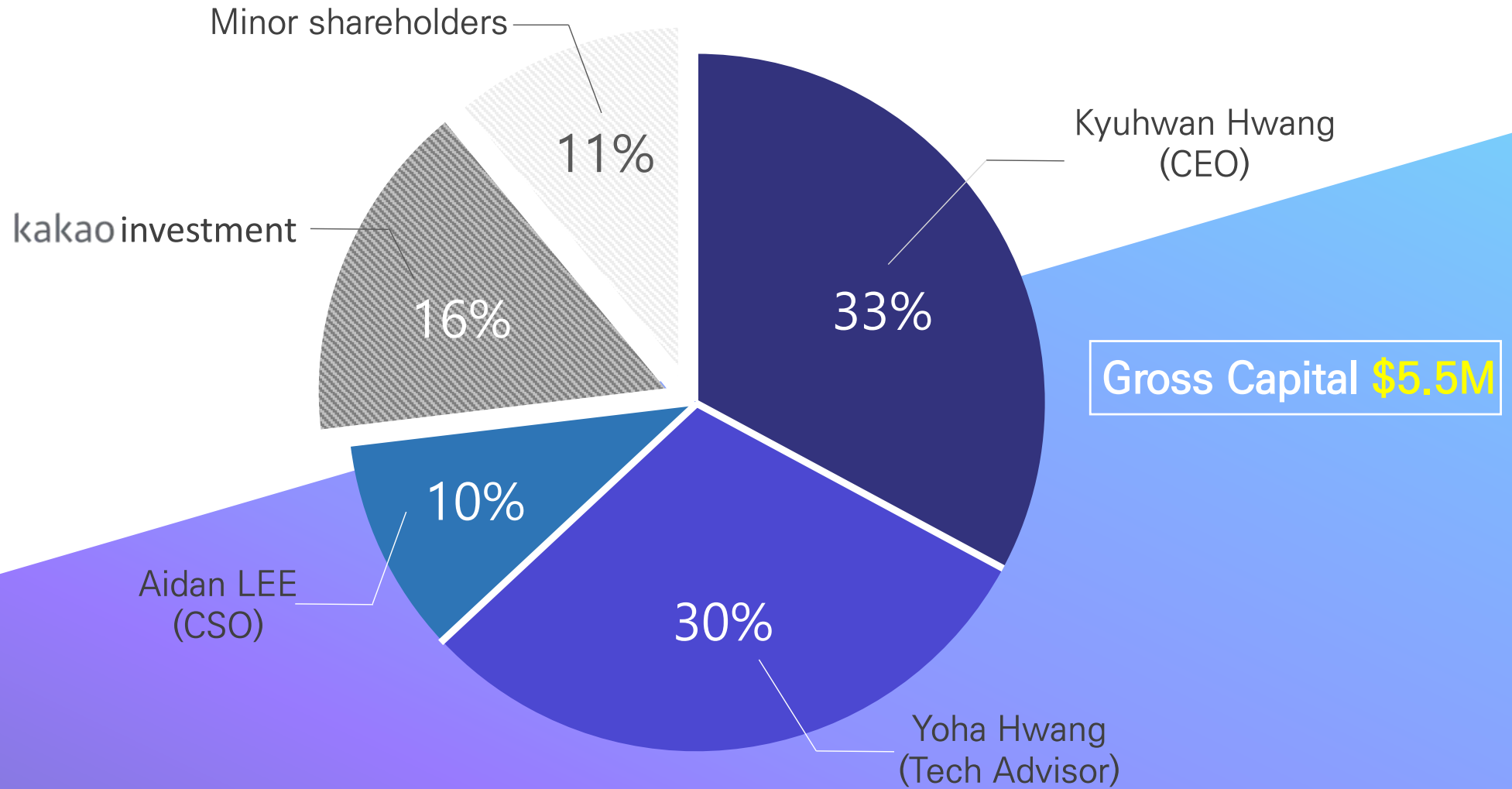
Algorithm / SW  
Developer



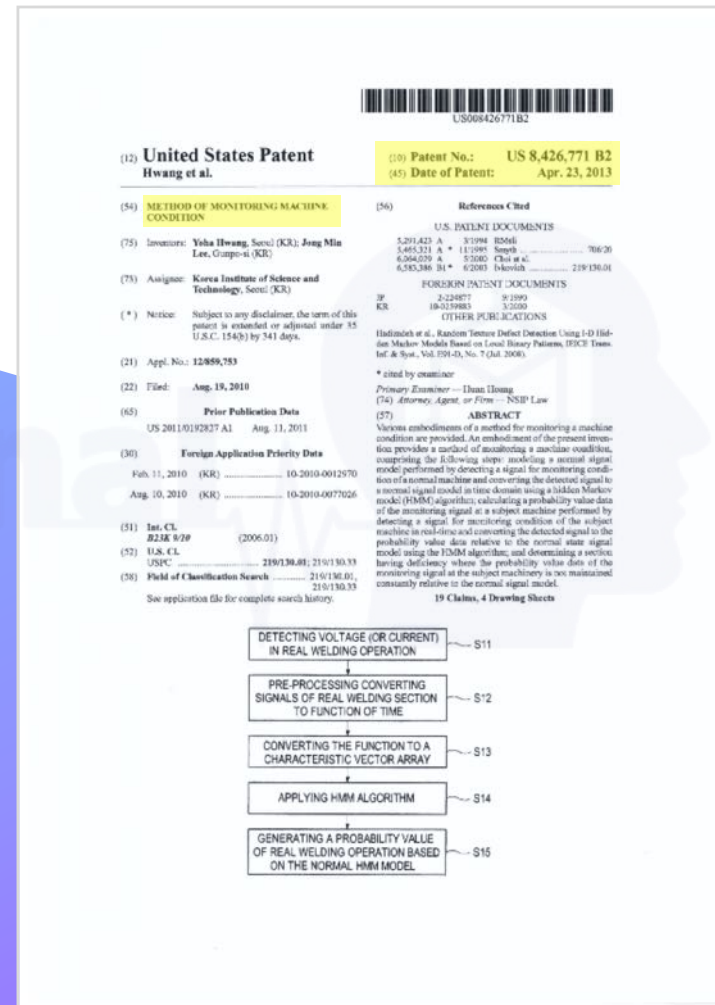
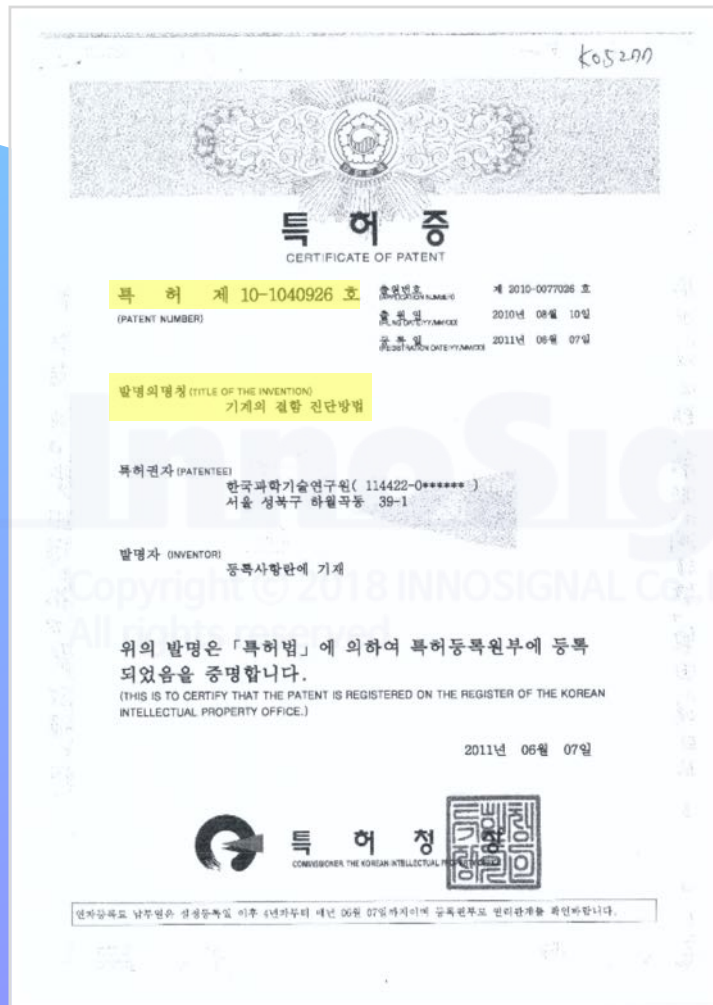
Yang-gon Kim

Sales / Marketing

## SHARE STRUCTURE



- **KR** 제10-1040926호(기계의 결함 진단방법)
- **US** US 8,426,771B2(METHOD OF MONITORING MACHINE CONDITION)





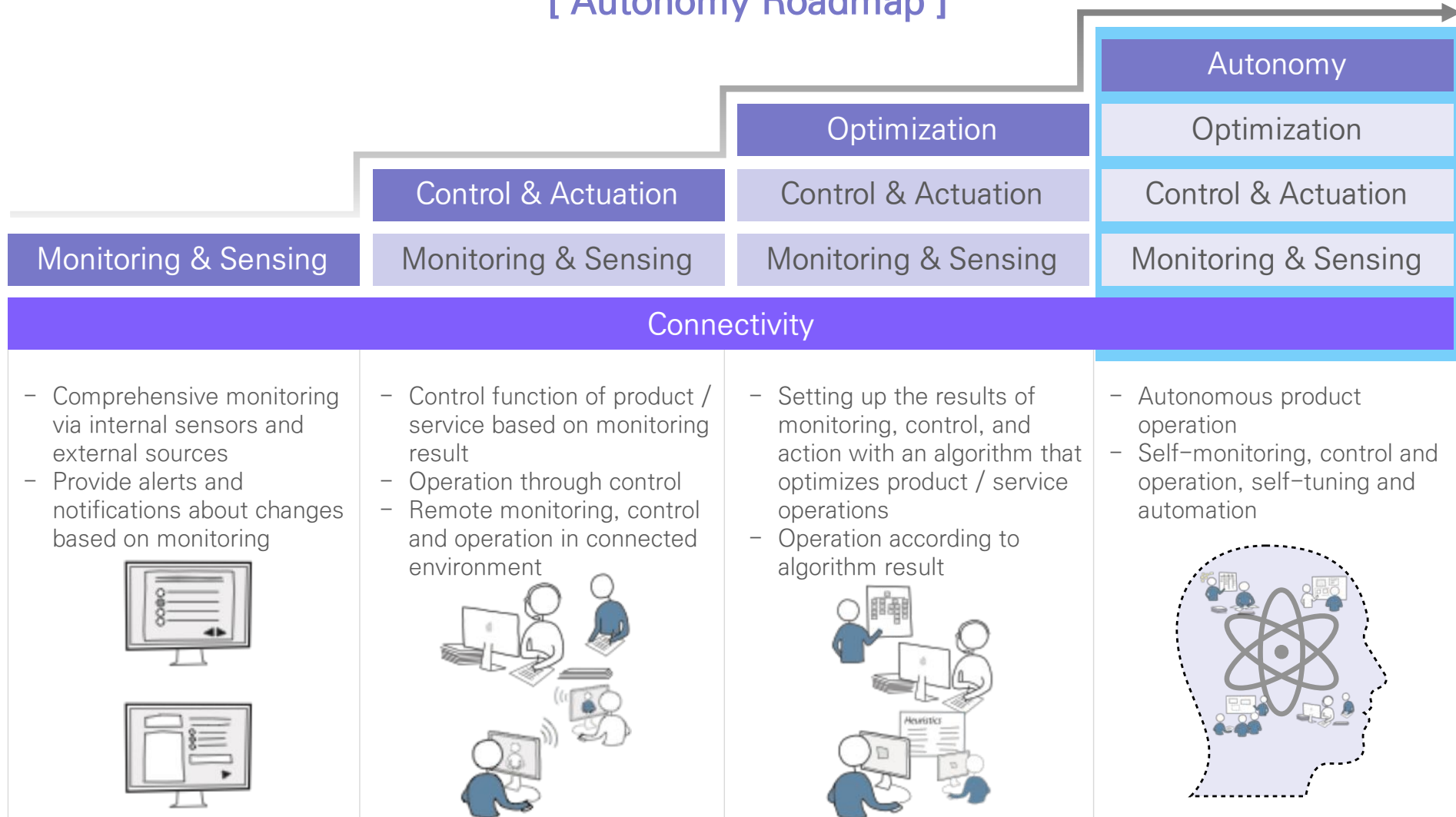


# TECHNOLOGY INTRODUCTION

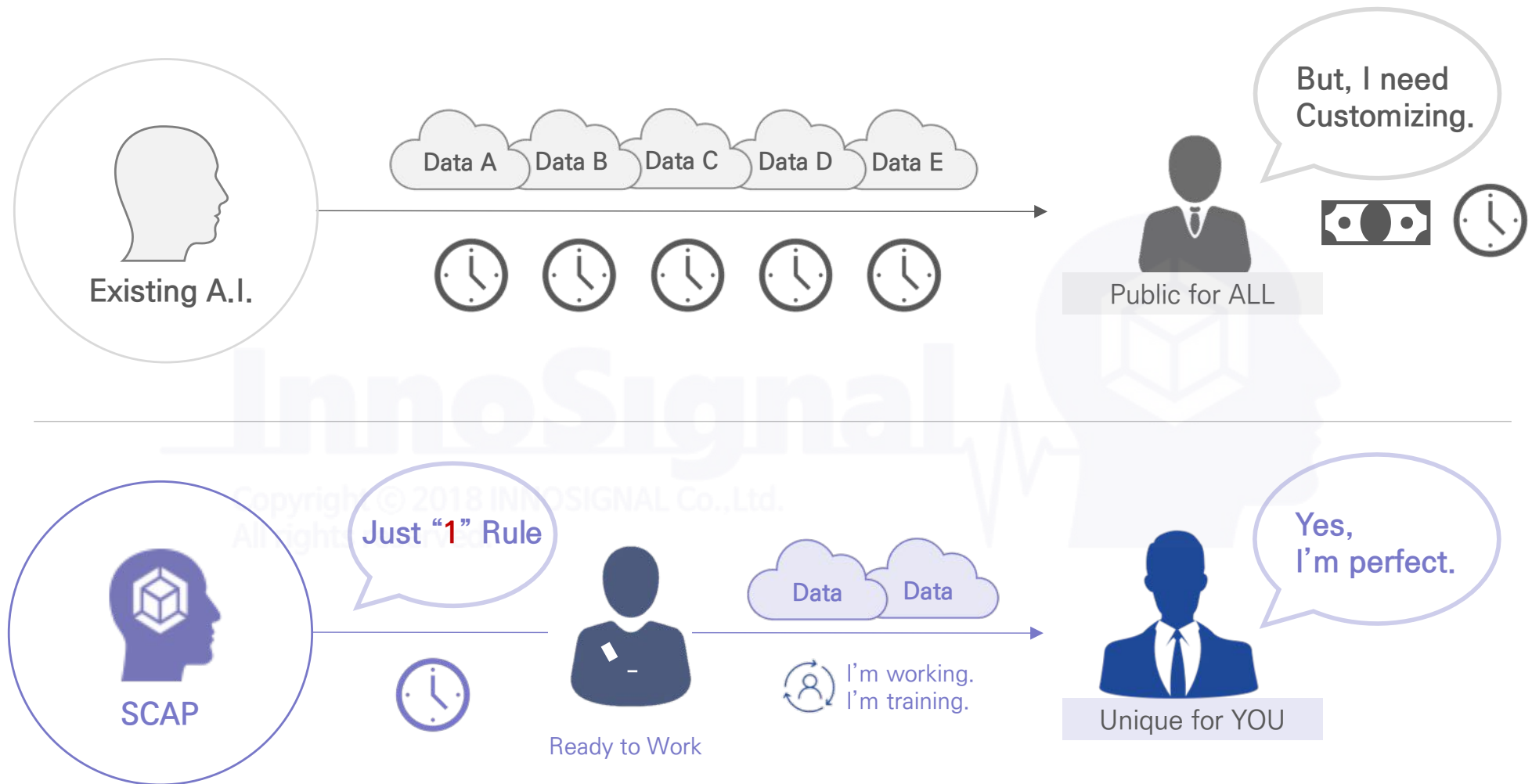


- **Manufacturing** is evolving from Automation to Autonomy due to the development of communication links and AI / robots.

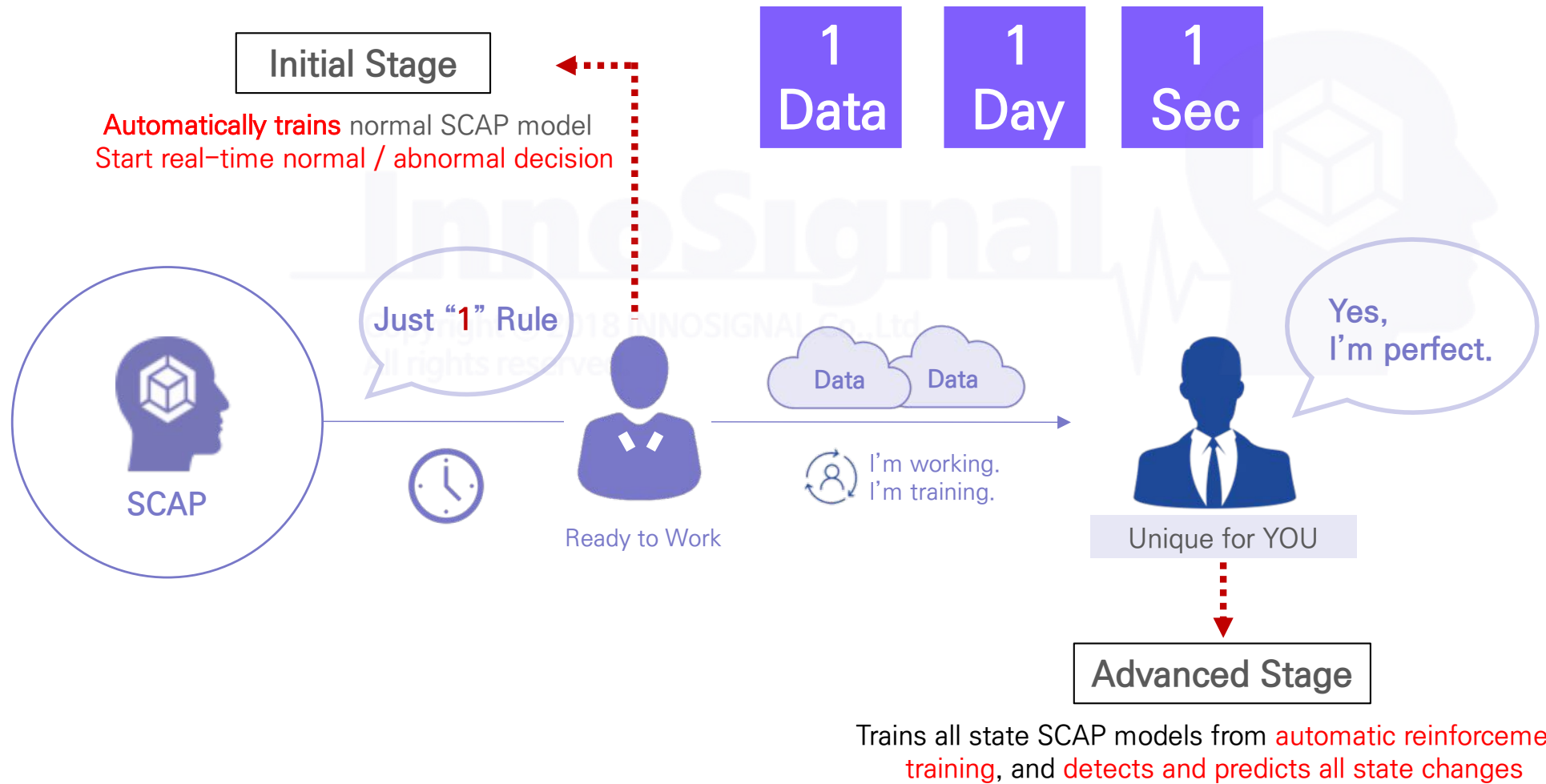
## [ Autonomy Roadmap ]



- **Final goal** is 100% A.I. decision and can be applied with minimal time and cost

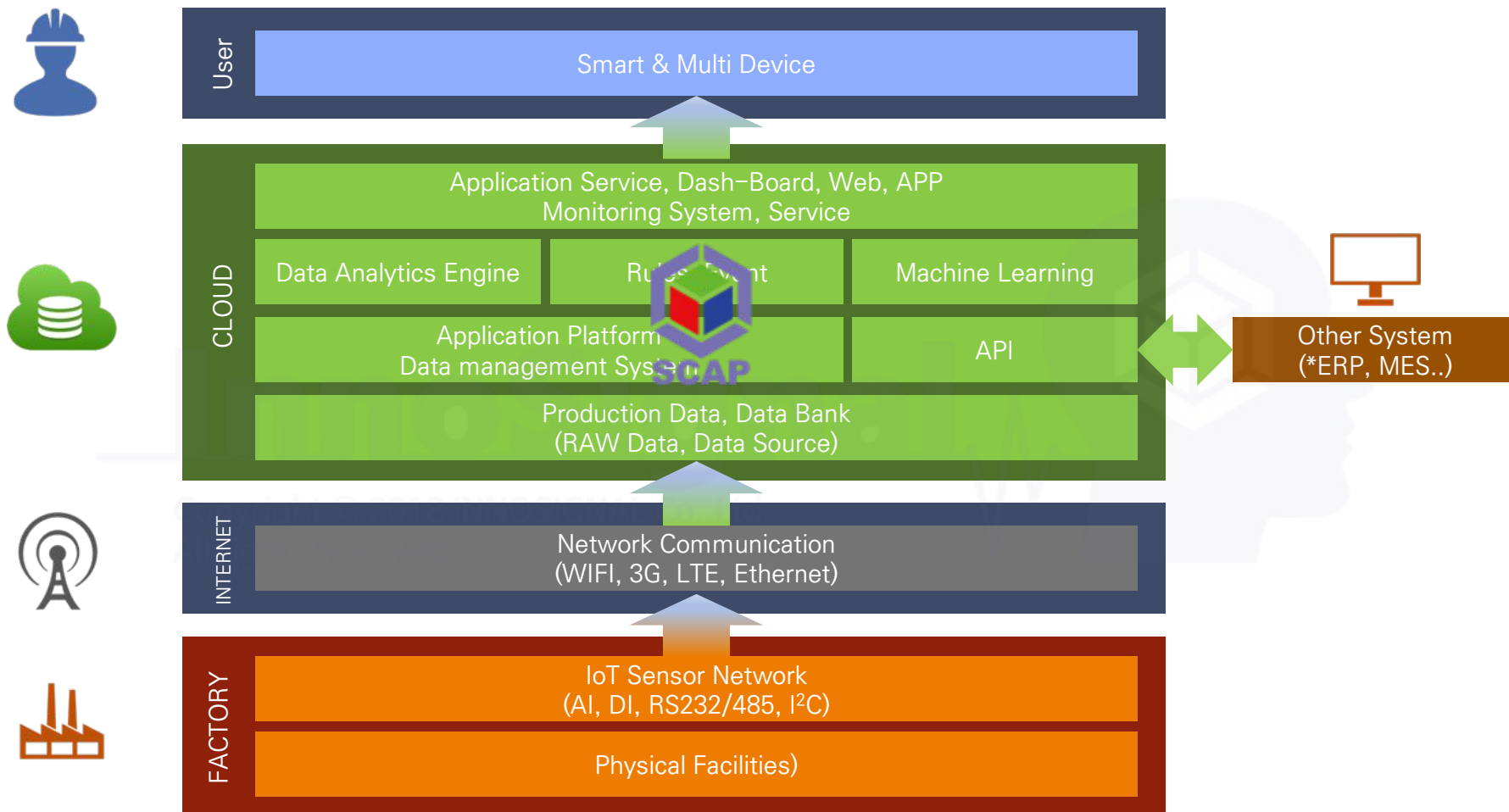


- When **SCAP** is applied to manufacturing process, training can be done in 1day with 1 normal data and can be determined in 1 sec.

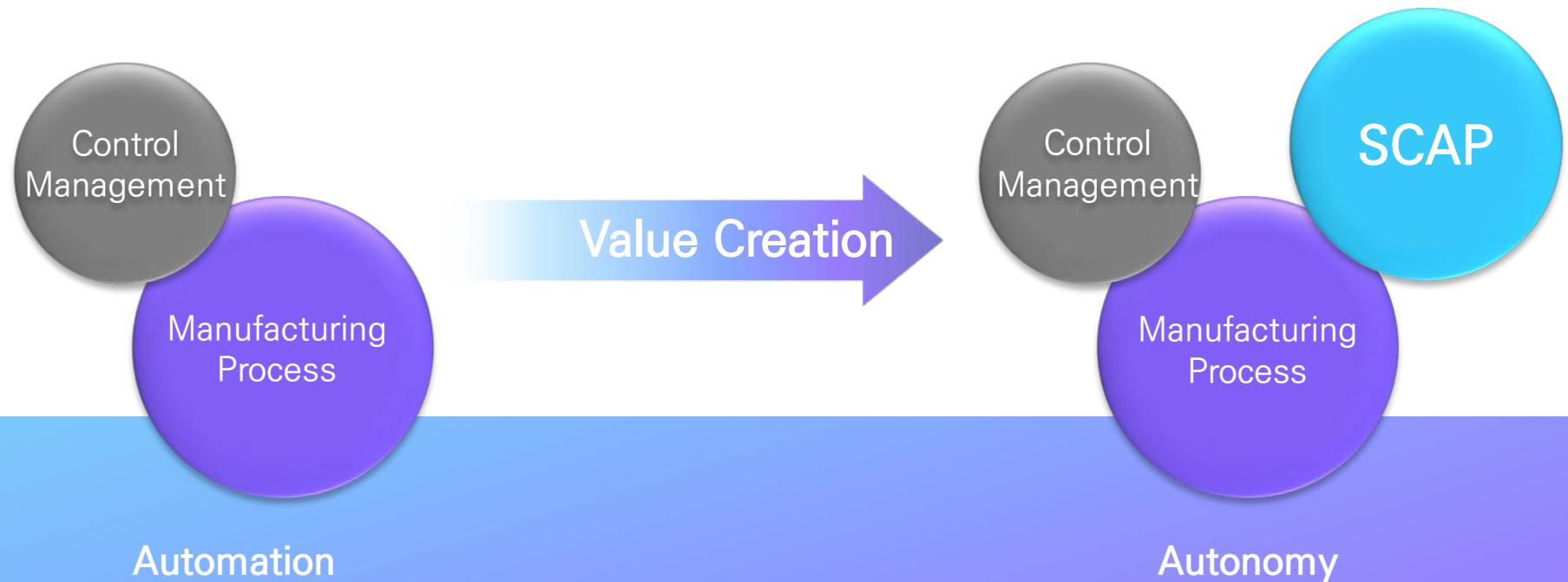




- **SCAP** is a core algorithm in quality control platform applied to manufacturing process



- Beyond control management, **real-time analysis / reinforcement training** improves brand value through quality improvement and process stability



- Continuous defect rate reduction from big-data
- Increased production efficiency through intellectual response to failure
- Process improvement through real-time detection and reinforcement training



Innovation in manufacturing through **increased efficiency** of value chain and **optimization of resource management and utilization**



SALES POLICY



- **Personal Edition** \$44 / Month / Point (include Data Share Plan)
- **Personal Edition** \$78 / Month / Point
- **Business Edition** 100 ~ 999 copy
- **Enterprise Edition** 1000 copy over

2017

50 Copy

2019 *Expect*



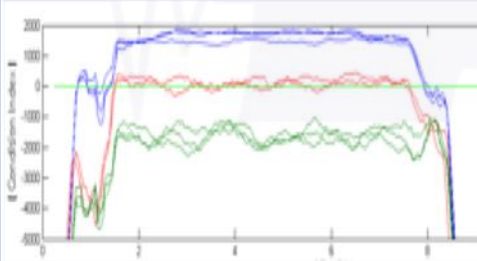

1,200 Copy

2021 *Expect*

10,000 Copy



APPLICATION

NEEDS	WANTS		RESULT	BENEFIT
<ul style="list-style-type: none"><li>• Innovation in manufacturing</li><li>• Stabilize production process</li><li>• Improve production efficiency</li><li>• Obtain production data</li><li>• Quality control</li></ul>		Real time full inspection of weld bead		Real-time total inspection Defect detection rate increased
		Locate welding defect		Improvement of process through reinforcement training of defect location / frequency
		Machine tool life prediction		Predict tool replacement time by real-time decision and reinforcement training
		Down-time reduction from motor failure prediction		Prediction of failure time through machine condition detection and reinforcement training



## PARTNERS



TVC Korea

