WE WEIGH THE WORLD

CAS makes a smart world based on sensor technology.

CAS Official Homepage I View Company Introduction

This introduction has been published as an Interactive PDF, including the function of shortcuts to related websites.

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Global Manufacturing Base

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COMPANY INTRODUCTION

1

HIGHLIGHT 2019

Korea Brand Power
(Digital Scale Category)

1st

CAS has been firmly maintaining No. 1 brand power in the electronic scale category. With 75% of the Korean market share, we are steadily receiving the trust of our customers.

The Founding of CAS

37th

CAS is Korea's leading brand that has been recognized for 37 years by its domestic capital and technology.

National Service Center Network

70
offices

CAS is growing as a customer-oriented company by our 70 service centers including 13 branches in Korea.

Global Weighing Certified Products

107
products

CAS has obtained various weighing certifications from global countries based on the weight sensor technology.

Partner Countries

120
countries

CAS is a global company that exports its products worldwide, based in 120 countries.

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CEO Message

Dear Stakeholders, how are you?
Thank you very much for your interest and love for CAS.

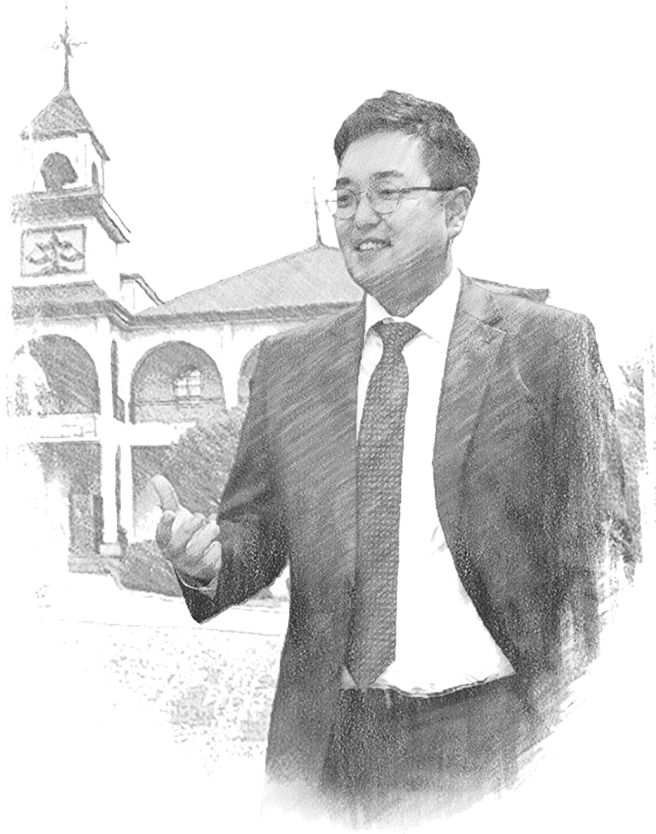
"We Weigh the World" has been the CAS slogan for many years. While the vision of the company remains unchanged, the marketplace is in a state of transition. Retail and distribution sectors have been shifting away from brick-and-mortar shops to online platforms for years. While these changes benefit customers, a growing need for support and service remain evident, especially for the next industrial revolution.

Weighing scales have been a part of history for thousands of years. They have been a trusted tool for fairness in the marketplace and a symbol of justice in legal systems throughout the world. As industry's have advanced, weighing instruments were also developed in order to accommodate the technological evolution. In today's marketplace, weighing scales and sensors are used in almost all industries for accuracy and reliability. From low to heavy capacity and static to automated processes, weighing sensors will be utilized for various purposes.

CAS understands such needs, and promises to remain close to our customers. CAS Mobile Office, or CMO is the answer to any technical weighing and measurement related requests. While CMO will remain close to local customers, it will also be the bridge between local, national, and international communities. CAS products will continue to be accurate and reliable for any industry.

The 4th industrial revolution will include advancements in data collection and analysis. Businesses need accurate, traceable data. Working closely with customers through CMO, technology will be developed to bring new sensors to extract and gather data while maintaining the integrity of the sensor. New and exciting applications will be written and by listening to our customers, we can reach new heights together.

With CMO, CAS will provide our customers a Total Weighing Solution.



CAS Co., Ltd.
CEO **Tae-In Kim**

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Total Weighing Solution

CAS is a leading Korean company that leads the standard of commercial and industrial weighing systems based on sensor and weighing technology. 40 Years ago-when disbelief about Weighing scales prevailed, CAS developed and distributed digital electronic scales in the domestic market to receive trust in weighing.

Since its founding in 1983, CAS has acquired major weighing standards with the slogan “We Weigh the World”, and has been recognized for its value abroad by exporting to over 120 countries through 10 overseas branches.

Outline	
Company Name	CAS Co., Ltd.
Date of establishment (IPO date)	April 19, 1983 (December 28, 1989)
CEO	Tae-In Kim
Headquarters location	262, Geurugogae-ro, Gwangjeok-myeon, Yangju-si
Representative Phone number	+82 31 820 1100
Number of employees	372 (including overseas employees)
Business Field	Manufacturing (Electronic scales, Measuring instruments, Weighing sensors, Engineering design, Printed materials)
Affiliates	(Korea) CAS Chemical
Sales	120 billion won ($ 100,000,000)
Capital	11.2 billion won ($9,300,000)
Official Website	(Korea) www.cas.co.kr / (global) www.globalcas.com

* As of the end of 2019

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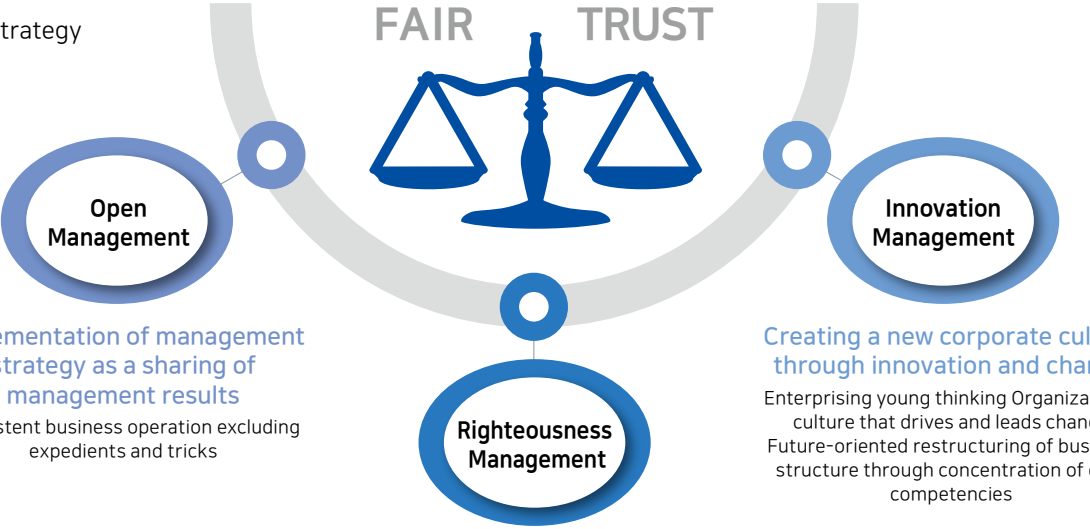
Management Philosophy

VISION & SLOGAN **WE WEIGH THE WORLD**

GOAL **The World Best Weighing and Measurement company**

Management Strategy



Implementation of management strategy as a sharing of management results

Consistent business operation excluding expedients and tricks

Creating a new corporate culture through innovation and change

Enterprising young thinking Organizational culture that drives and leads change
Future-oriented restructuring of business structure through concentration of core competencies

Management that values justice (standards and principles)

"First save his kingdom and his righteousness" (Matthew 6:33)
Pursuing business flexibility based on standards and principles that meet global standards

Personnel system

CAS is hiring constantly in order to secure talented people, and through this, we are building a talent pool online. In the event of employment, CAS reviews factors such as support sector, desired job, and career, and select the preferred candidates

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History & Award

37 years of endless challenges and innovation

Establishment and challenge

Growth and globalization

Business scope Expansion

Innovation growth to realize better value

1983

1983. 04
Establishment of CAS co., ltd.

1985
Order of Industrial Service Merit, Tin Tower

1987
Korea's first electronic scale Export(Portugal)

1989
Development of the first strain gauge in Korea
Designation of the National Calibration Agency (No 177)

1989. 12
Listed on KOSDAQ

1990's

1990
Acquirement NIST U.S. weighing standard
Establishment U.S. branch

1991
Acquirement UL American safety standard
5 Million Dollar Export Monument Award

1992
Korea's first Korean label printing scale development
Establishment Turkey branch
10 million dollar export award

1993
Success in transcontinental Asia (Baekdu mountain – Istanbul)
Establishment India branch

1994
Korea's first acquirement European integrated standard for OIML

1995
Establishment Shanghai corporation in China

1997
Acquirement ISO9001

2000's

2000
Cumulative production of electronic scale exceeded 1 million units

2001
Selected as the best ISO 9000 certified company for 2 consecutive years
Russia Golden Balance 2002 Award

2002
Launching CAS measuring instrument business
Scale Enbody development

2003
JMAC(Japan Management Association Consultants) Global Best Company

2004
Establishment German corporation
Establishment Poland corporation

2006
Implementation of eco-friendly program
30 Million Dollar Export Monument Award

2007
KDB 2007 Global star Award - Ministry of science and technology

2010's ~ Present

2010
Global Management Award

2011
iF design award 2011(PB)

2012
Establishment Vietnam corporation
CL7000-D Good Design selection
Prime minister's award at the precision industry technical competition

2013
World Class 300 company selection
Establishment of CAS Chemical

2014
Acquirement of ISO14001

2015
Global management Award

2019
Global Customer Satisfaction Competency Index(GCSI) 1st (for 7 consecutive years)
Global Brand Competency Index(GBCI) 1st (for 6 consecutive years)

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Organization

R&D Center

Research Planning Team
Preceding Research Team
Sensor Development Team
Industrial Development Team
Firmware Team
Hardware Team
Software Team
Application Development Team
Mechanical Design Team

Production Division

Digital Scale Production Team
Load Cell Production Team
Materials Department
Production Technology Team
Production Management Team

Domestic Sales Unit

Smart Division
System Division
Measurement Division
Distribution Division
Health-Living Division
Agency Division
Regional Division

Global Business Division

Global Branches
Sales Team 1
Sales Team 2
Marketing Team

Service-Calibration Division

Calibration Business Team
Service Business Team
Quality Management Team

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R&D

Start of technological innovation
CAS R&D Center

The CAS's R&D Center, which is actively conducting research in the fields of electronics scales and sensors, focuses on the overall technological development of CAS and overseas local marketer training.

Core technology
for the best weighing measurement solution

CAS firmly believes that the development of products for the business situation of customers and users begins by listening to the customer. CAS is working to develop products that best reflect the needs of the field by implementing an open communication policy that allows the field and research center to share information. In addition, through various partnerships, such as technical cooperation and industry-academic cooperation, CAS achieves technological innovation and provides the best total weighing and measurement solutions to customers around the world.

National Project - WC300

Project Title	Task Name	Dedicated Agency	Term
Source technology development of light-based weighing sensor, for supplying laboratory scale with 1/100,000,000 resolution	Development of load transfer mechanism with 1/10,000 resolution	KEIT (Korea Evaluation Institute of Industrial Technology)	2013.09 ~2014.08
	Development of displacement amplification transducer with 1/10,000,000 resolution		2014.09 ~2015.08
	Development of light-based integrated weight scale with 1/10,000,000 resolution	KIAT (Korea Institute for Advanced Technology)	2015.09 ~2016.08
	Development of light-based integrated weight scale with 1/100,000,000 resolution		2016.09 ~2017.08

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Manufacturing Base

Domestic Manufacturing Base

Yangju manufacturing base, which started in 1985, is a historical place for various products ranging from CAS's initial production to the current smart factory and the 4th industry. In Galileo building, CAS is producing strain gauges, which are the core part of weighing sensors load cells. Also, various load cells and indicators are produced and provided to industrial sites. In the main sector, label prints and products for retail and industrial sites are produced. In addition, CAS is an official KOLAS calibration agency and operates a calibration center that enables maintenance and calibration within the Yangju.

Location : Yangju, Gyeonggi-do, Republic of Korea

Location : Jiashan Xian, China

Global Manufacturing Base

CAS global manufacturing base develops products for various industries to realize a total weighing solution. Building A produces label printing scales, various retail products, simple weight scale, counting scale, small industrial product, scale for research.
Building B produces industrial products such as platforms, and also customized products.
Building C produces system products such as can filler and packing machines and provides solutions for logistics and factory automation.

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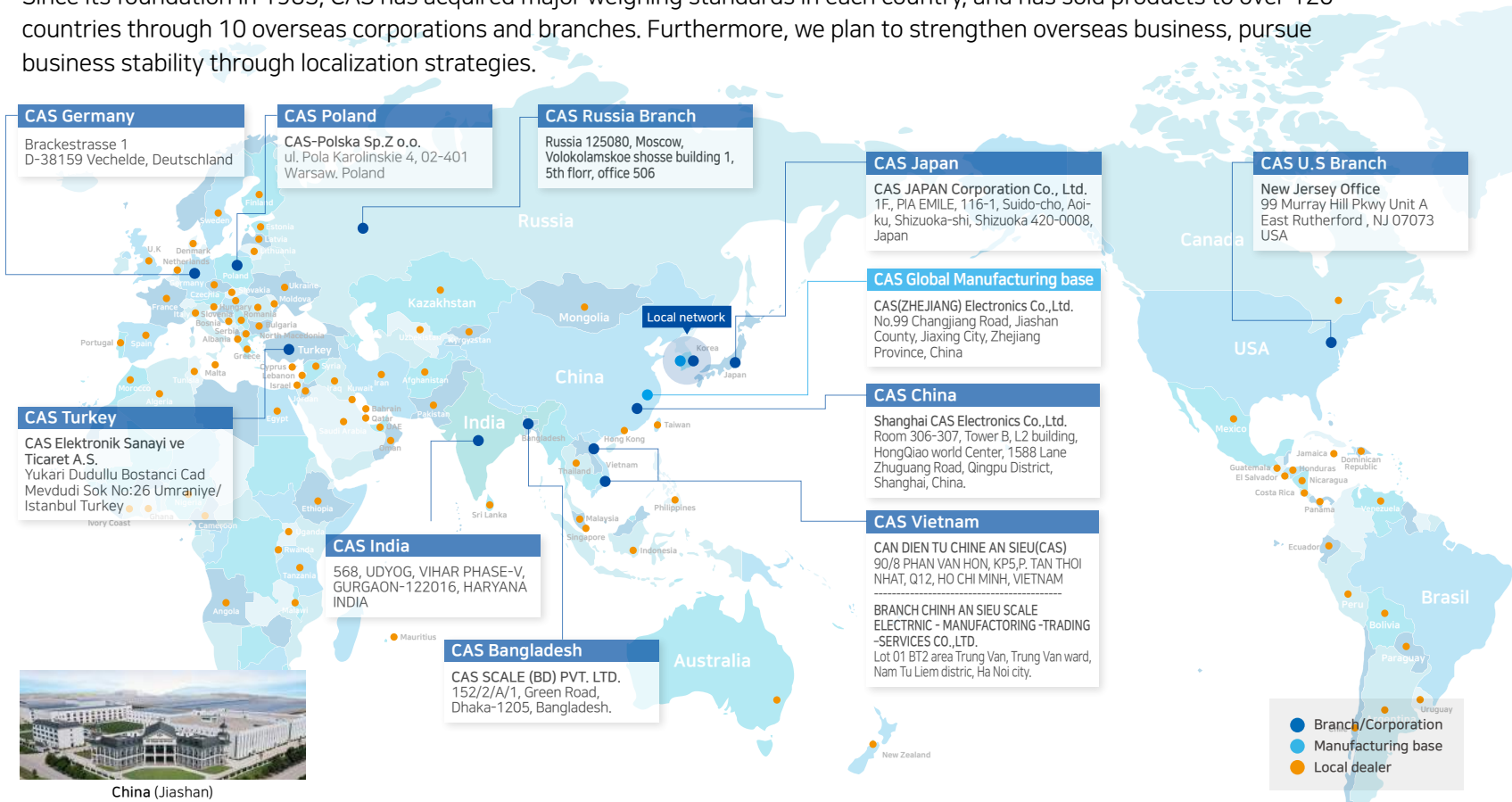
Global Network

Since its foundation in 1983, CAS has acquired major weighing standards in each country, and has sold products to over 120 countries through 10 overseas corporations and branches. Furthermore, we plan to strengthen overseas business, pursue business stability through localization strategies.



China (Jiashan)

China (Shanghai)

U.S

Germany

Poland

Turkey

India

Bangladesh

Vietnam

Japan

Russia

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Domestic Network

Seoul Office, Management Headquarters, Service Center
CAS building 1315, Yangjae-daero, Gangdong-gu, Seoul
Tel : +82 2 2225 3500

CAS SFA Manufacturing Base
CAS SFA, 189, Gwangjeok-ro, Gwangjeok-myeon, Yangju-si, Gyeonggi-do
Tel : +82 31 820 1235

CAS Headquarters, R&D Center, Manufacturing Base
262, Geurugogae-ro, Gwangjeok-myeon, Yangju-si, Gyeonggi-do
Tel : +82 31 820 1100

CAS Chemical, Manufacturing Base
69, Chungjusandan 5-ro, Chungju-si, Chungcheongbuk-do
Tel : +82 43 841 7800

CAS Incheon, West Gyeonggi-do
Dae-ho building 2F, 321, Guwol-ro, Namdong-gu, Incheon
Tel : +82 32 434 0281

CAS Suwon, South Gyeonggi-do
Gwang-san building 4F 1, 52, Yeoul-ro 4, Hwaseong-si, Gyeonggi-do
Tel : +82 31 8015 4295

CAS Cheonan,Chungcheongbuk-do
3F, 7, Eopseong 3-gil, Seobuk-gu, Cheonan-si, Chungcheongnam-do
Tel : +82 41 621 1015

CAS Daejeon, Chungchungnam-do
Seok-chun building 301, 1254, Hanbat-daero, Dong-gu, Daejeon
Tel : +82 42 672 1016

CAS Jeonju, Jeollabuk-do
Hosu Building 3F 302, 104-12, Jungdong-ro, Deokjin-gu, Jeonju-si, Jeollabuk-do
Tel : +82 63 211 4661

CAS Gwangju, Jeollanam-do
810, Saam-ro, Gwangsan-gu, Gwangju
Tel : +82 62 363 0262

CAS Gumi, Gyeongsangbuk-do
42, Cheomdangieop1-ro, Sandong-myeon, Gumi-si, Gyeongsangbuk-do
Tel : +82 54 476 6353

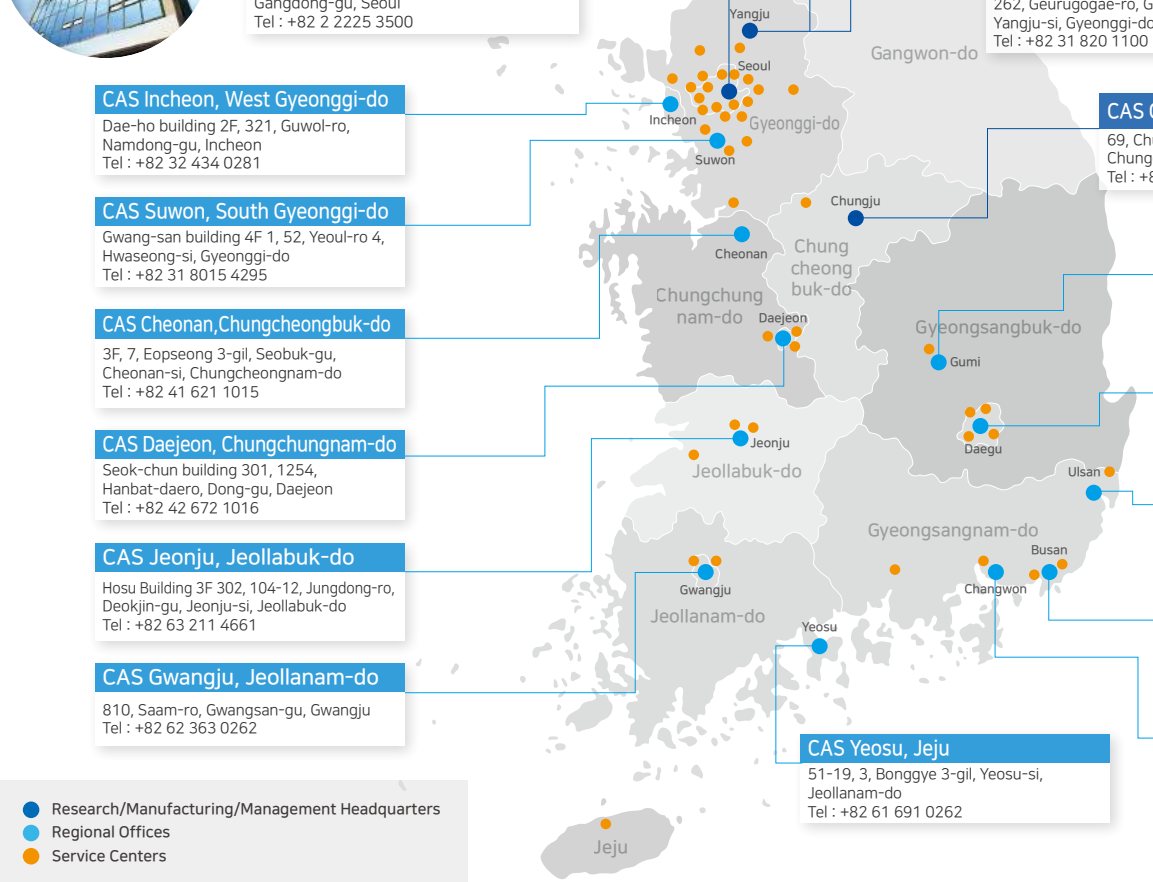
CAS Daegu
184-1, Chimsan-ro, Buk-gu, Daegu
Tel : +82 53 356 7111

CAS Ulsan
3F Myungpum Builindg, 96, Namjung-ro, Nam-gu, Ulsan
Tel : +82 52 267 3626

CAS Busan
3, Garak-daero 912beon-gil, Gangseo-gu, Busan
Tel : +82 51 313 3626

CAS Changwon, Gyeongsangnam-do
101 Venture Zone Paryong Mecca Villige Knowledge Industry Center 3, Bangye-ro, Uichang-gu, Changwon-si, Gyeongsangnam-do
Tel : +82 55 255 4371

CAS Yeosu, Jeju
51-19, 3, Bonggye 3-gil, Yeosu-si, Jeollanam-do
Tel : +82 61 691 0262



- Research/Manufacturing/Management Headquarters
- Regional Offices
- Service Centers

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CAS Galileo Marketing

In order to gain customer confidence, CAS provides technology-driven close-up services to give convenience and benefits to customers at regional local headquarters.

CMO (CAS Mobile Office)

Visiting Service_CAS Mobile Office

CAS Mobile Office is the answer to all weighing and measurement requests of customers.
CMOs will maintain close relationships with local customers, while serving as a bridge between regional, national and global companies. It is an activity that manages products through regular customer visits, maintains product reliability, and increases customer satisfaction.

CTS (Calibration Traceability System)

CAS Traceability System

CTS is a Calibration traceability history management system for meters, and it is a system to efficiently and systematically manage regular inspection and calibration of scales and various meters.

- Search service of meters
- Information service for location of meters
- Alarm service for calibration term

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Certification

We Weigh the World

OIML Certification
86 Products

NTEP Certification
21 Products

CE Certification
83 Products

UL Certification
24 Products

Quality

Product production system of CAS is based on ISO9001 and ISO14001 certifications. CAS is the first Korean self-certification company and do European autonomous testing .. CAS has established and operated a systematic production process through a strict quality control system.

OUR BUSINESS

2

BUSINESS CATEGORY

- **Automation** Solution
- **Sensor** Solution
- **Industrial Weighing** Solution
- **Laboratory Weighing** Solution
- **Retail Weighing** Solution
- **Measuring Inspection** Solution
- **Health&Living** Solution
- **Calibration** Solution
- **CAS CHEMICAL** [TTR/Label]

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2. Our Business
2-1. Business Category
- **Automation Solution**
- Sensor Solution
- Industrial Weighing Solution
- Laboratory Weighing Solution
- Retail Weighing Solution
- Measuring Instrument Solution
- Health & Living Solution
- Calibration Solution
- CAS CHEMICAL

2-2. System Application

2-3. Our Partner

Automation
Solution

Metal detector

Checkweigher

Logistics
Inspection system
CLIS series

CAS maximizes production efficiency through automated and real-time monitoring systems in all areas of value chain. In addition, CAS provides optimized solutions for production, equipment, quality, and safety management through data analysis accumulated on servers.

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2-2. System Application

2-3. Our Partner

Smart Logistics Management System

- Establishment of error prevention systems due to logistics input/output error.
- Efficient use of loading space through volume management.
- Big data system construction through video data recording
- Shorten inventory grasping time.
- Long-term inventory and loss prevention measures through data management history.
- Prevention of accidents by ultrasonic sensors.

Smart Manufacturing Production System

- Increased productivity through robot automation lines and programming.
- Establishment of production plan through real-time inventory and production status analysis.
- Delivery of work orders to the entire plant through ONE-STOP.
- Through the system trouble response through real-time monitoring.
- Real-time quality management system for quality data collection and analysis.
- Statistical process management (SPC chart) by analysis of facility operation efficiency.

Smart Farm Management System

- Providing and monitoring the data for cultivating crop environment.
- Remote crop environment by applying sensors to the greenhouse.
- Creating an optimal growth environment for crops based on soil and environment information.
- High quality agricultural products cultivated with less labor, energy and nutrients.

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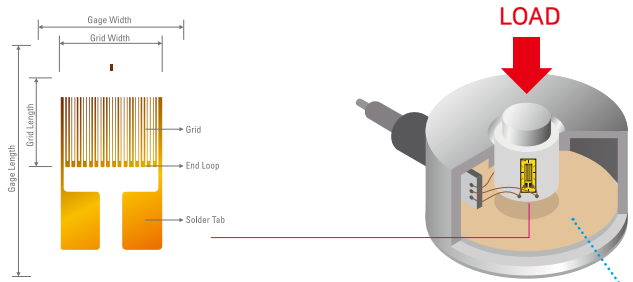
2-2. System Application

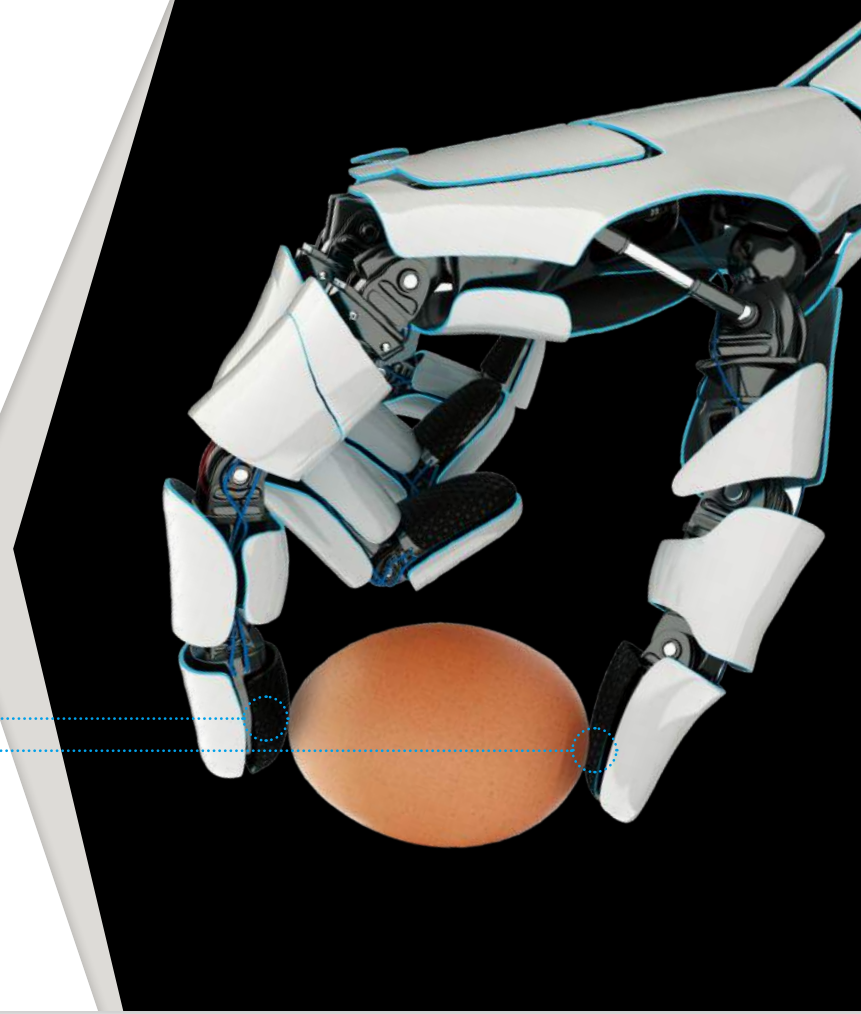
2-3. Our Partner

Sensor Solution



Strain gauge

Miniature Load cell



CAS is the only company in Korea with strain gauge and force sensor technology. CAS provides solutions optimized for industrial environments.
Also, it is applied to industrial sites based on various force sensors (load cell, torque, etc.) and supports various sensor applications for smart factory such as explosion-proof measurement industry, precision metering industry, safety diagnosis of mechanical facilities, safety diagnosis in construction civil engineering, and quality control.

Product List

Load Cell : HBS

Load Cell : DSB-20

Load Cell : LS

Digital Indicator
CI-600D

Indicator
CI-200 series

Weight Transmitter
WTM-500

NR Load Cell
LSS

Digital Load Cell
DSB-D

Load Cell
SPL

Indicator
CI-400 series

Exp indicator
EXI-600AD

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2-2. System Application

2-3. Our Partner

Industrial Weighing Solution

The ultimate goal of CAS is to realize the core values of the industrial system: efficiency and stability.
We provide the systems needed for all industries, from various manufacturing processes, line processes, packaging processes and logistics processes.

Truck Scale
LMT

Product List

Basic scale : EC

Bench scale : PB

Bench scale : DB-1H

Crane scale: CASTON II PLUS

Platform scale : HFS

Pallet scale : CPS PLUS

Vehicle Weighing : RW-PLZ

EXP Pallet sacle : EXP-9000

Fork Lift Sacle : CFS

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2-2. System Application

2-3. Our Partner

Laboratory Weighing Solution

CAS produces products that are highly skilled and highly qualified.
CAS provides raw material mix and quality control solutions such as metering and counting measurement required by laboratories.

Micro Weighing Scale : XE

Product List

Analytical Balance
CAT

Analytical Balance
CAU

Precision Balance
CBL

Precision Balance
CU

Precision Balance
CBX

Micro Weighing Scale
MWII-H

Micro Weighing Scale
MW-IIN

Micro Weighing Scale
XE

Weight Sets

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2-2. System Application

2-3. Our Partner

Retail Weighing Solution

CAS helps you realize the core value of your business.
It serves to complete the process of dealing with consumers in a variety of business environments, and to measure the exact weight of products and price.

Label Printing Scale
CL7200-D

PC Scale_CL8000-PCA

Product List

PC Scale CL8000-U

Label Printing Scale CL7200-S

Basic Scale SW-II

Scanner-Ready Scale PDS-II

Price Computing Scale CP500

Price Computing Scale AP

Waterproof scale FW500

Waterproof scale SWII-W

Consumables Label, Ribbon

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2-2. System Application

2-3. Our Partner

Measuring Instrument
Solution

CAS Galileo, CAS's brand specializing in precision instruments, seeks comprehensive precision measurement solutions around the world.
We are working with famous instrument brands around the world to provide convenience with more diverse products.

Product List

Thenmal Imaging Camera
SM080

Viscometer CL series

Density Meter

Moisture Analyzer XC63

Vision Measuring Machine

Water Quality meter

Residual Oxygen Meter

Thickness Gauge

Automatic SDI Tester

Dissolved Oxygen Meter

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2-2. System Application

2-3. Our Partner

Health & Living Solution

CAS Health & Living is a brand that has essential household items for family health care and home environment.
CAS Health & Living offers a variety of solutions for your healthy life.

Smart body scale
S1

Product List

Body Fat Analyzer

Digital Personal Scale

Kitchen scale

Thermo-Hygrometer

Timer

Thermometer

Food Processor

Toothbrush Sanitizer

Ultrasonic Washer

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- CAS CHEMICAL

2-2. System Application

2-3. Our Partner

Calibration Solution

CAS calibration solutions have calibration equipment with traceability of national standards and provide a wide range of calibration services with technical capabilities.

Korea Laboratory Accreditation Scheme

What is calibration?

The measurement does not match due to various factors such as frequency of use, environment of use, and durability of measurement equipment, and the degree of inconsistency. And then measurement shall be verified or adjusted through calibration. [FRAMEWORK ACT ON NATIONAL STANDARDS]

Reasons for periodic calibration

Due to the characteristics of the measuring equipment, measurement uncertainty increases over time after calibration. This results in a continuous decrease in measurement reliability. Periodic calibration ensures reliability of measurement equipment.

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2-2. System Application

2-3. Our Partner

Calibration Solution

Total service solution that provides everything about the measurement and metering

> National Accredited Calibration Institution CAS

CAS is a KOLAS certified calibration institution, officially designated as having calibration technology capability by an evaluator registered in accordance with the standards set by the International Standards (KS Q ISO/IEC 17025) and the Korea Laboratory Accreditation Scheme (KOLAS).

Homepage Calibration Service	Reservation Service	Purchase/Repair Calibration Service	Calibration Consignment Service
It is possible to guide and view and print calibration applications.	On-site calibration and carry-on calibration(delivery service) reservation processing is performed.	Providing all processing from purchase of measuring equipment to calibration repair.	Implementation of rapid calibration service and additional service (maintenance) in cooperation with the nationwide consignment agencies.

Calibration Equipment

Deadweight (300 N)

Force calibration machine (200 kN)

Deadweight (1-5) kN

Deadweight (250 kN)

Crane (7.5 t)

Korea Laboratory Accreditation Scheme

CERTIFICATE OF ACCREDITATION

CAS Corporation

1. Company Introduction

2. Our Business
2-1. Business Category
- Automation Solution
- Sensor Solution
- Industrial Weighing Solution
- Laboratory Weighing Solution
- Retail Weighing Solution
- Measuring Instrument Solution
- Health & Living Solution
- Calibration Solution
- **CAS CHEMICAL**

2-2. System Application

2-3. Our Partner

CAS CHEMICAL
[TTR/Label]

CAS Chemical is the only coating specializing company that uses Korean materials and Korean Technology.
We have developed ink and back coating liquid ourselves and our technology has been accepted as the best.
We minimize damage to the printer head through the technology and decrease cost and effort on replacing the head.
We are also doing our best to maintain the best quality through print quality, durability, preventing static, printing speed, printer compatibility, and label adaptation value.

Ribbon /Label / Sticker

Thermal transfer printer, Printer head

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Technology

CAS Chemical works endlessly to give bigger value to the customers. We have an excellent computer control system that regulates all the stages from the raw materials to the final product. The production facility based on CAS Unique coating system and back coating technology allows for quality control maintenance and low-cost production by combining the ink production process and the ink coating process.

1. In-Line Ink Manufacturing

Manufacturing stable quality ink with complete ink manufacturing facilities and coating station facilities controlled by computer control systems.

2. Coating Technology

Producing Thermal transfer ribbon with excellent printability and print head protection through Innovative application of back coating technology.

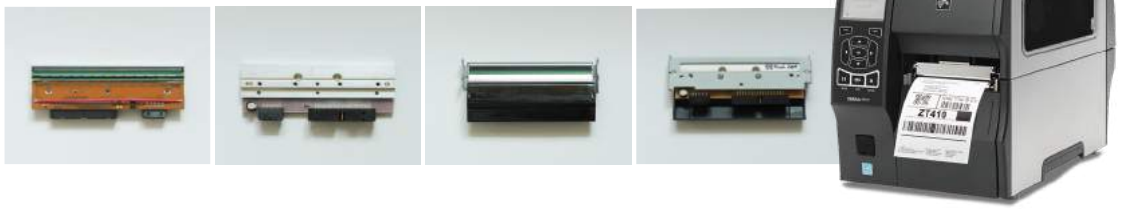
3. Converting Process

Reliable converting facility enables consistent good quality products
Convert Jumbo Roll to Finished (Slit) Roll.

Thermal transfer ribbon

- Standard Wax Ribbon for Flat Head
- Wax/Resin Ribbon for Flat Head
- Resin Ribbon for Flat Head
- Wax/Resin for Edge Head
- Resin for Edge Head
- Wash Care Resin Ribbon

Thermal Transfer Printer / Printer Head / Label Issuing Program



SYSTEM APPLICATION

With the 4th Industrial Revolution, Change has begun in every industry for adopting smart factories to their facilities.
In the smartification of the manufacturing process, accurate information collected by sensors, and record management using big data are the key to the smart factory. Based on high-quality sensor technology, CAS improves the productivity and quality of industrial facilities in the factory, and supports smartification of industrial facilities based on collecting real-time big data.

Automated Packing System

Automated Logistics System

Smart Retail System

Smart Farm System

Smart Home System

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Automated Packing System

System configuration

Silo

Bagging Packer

Sealing machine

Metal Detector

Checkweigher

X-Ray

Rejecter

Pallet Dispensers

Robot Arm

Auto Wrapping Machine

Fork Lift

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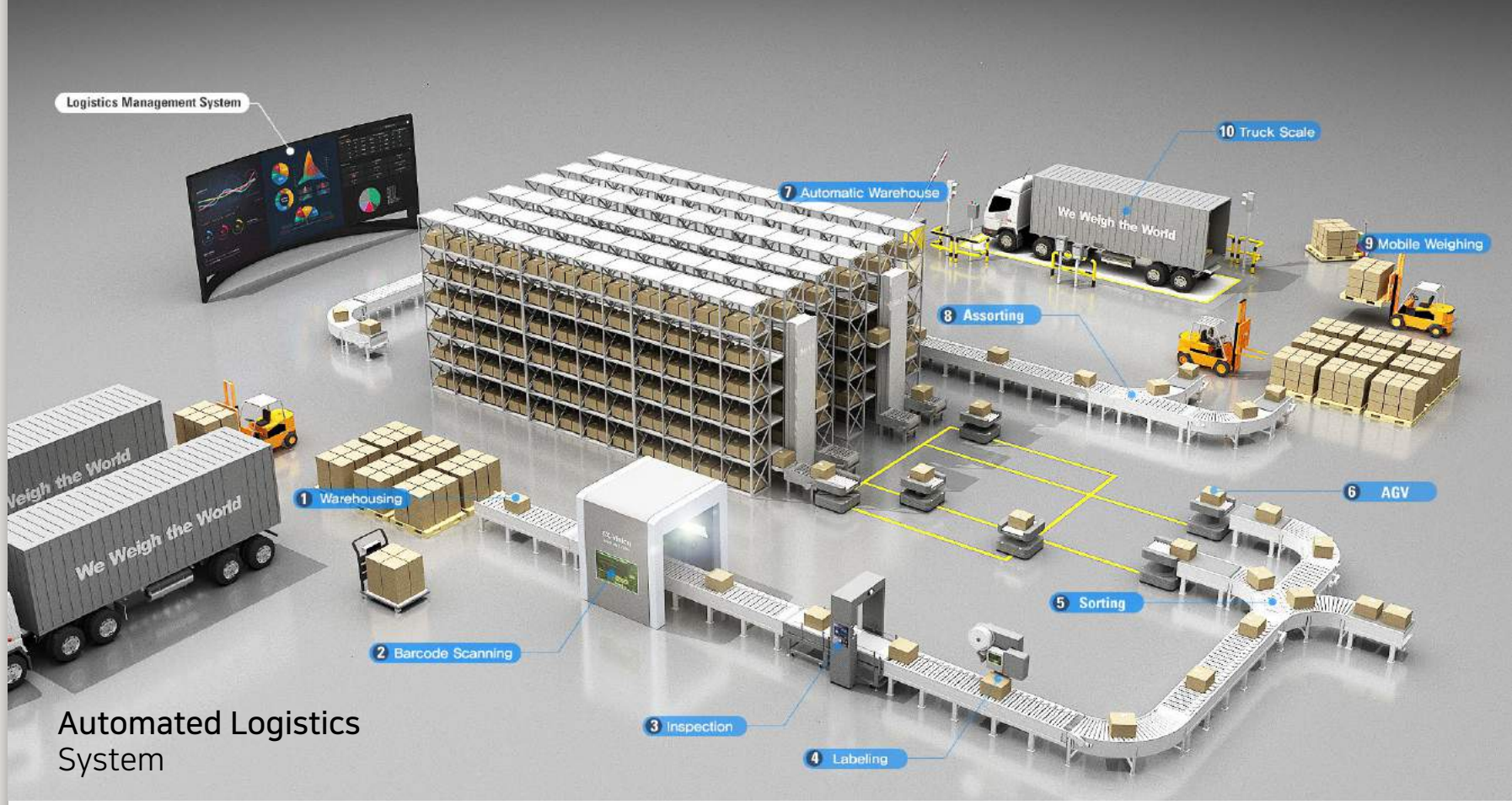

Automated Logistics System

System configuration

CLIS | Rejector | Labeling Machine | Truck Scale | Pallet Scale | Pallet Scale | Fork Lift Scale | Bench Scale | Platform Scale | Scanner | Printer

Logistics Inspection System | Mobile Weighing Scale | Other Logistics Related Products

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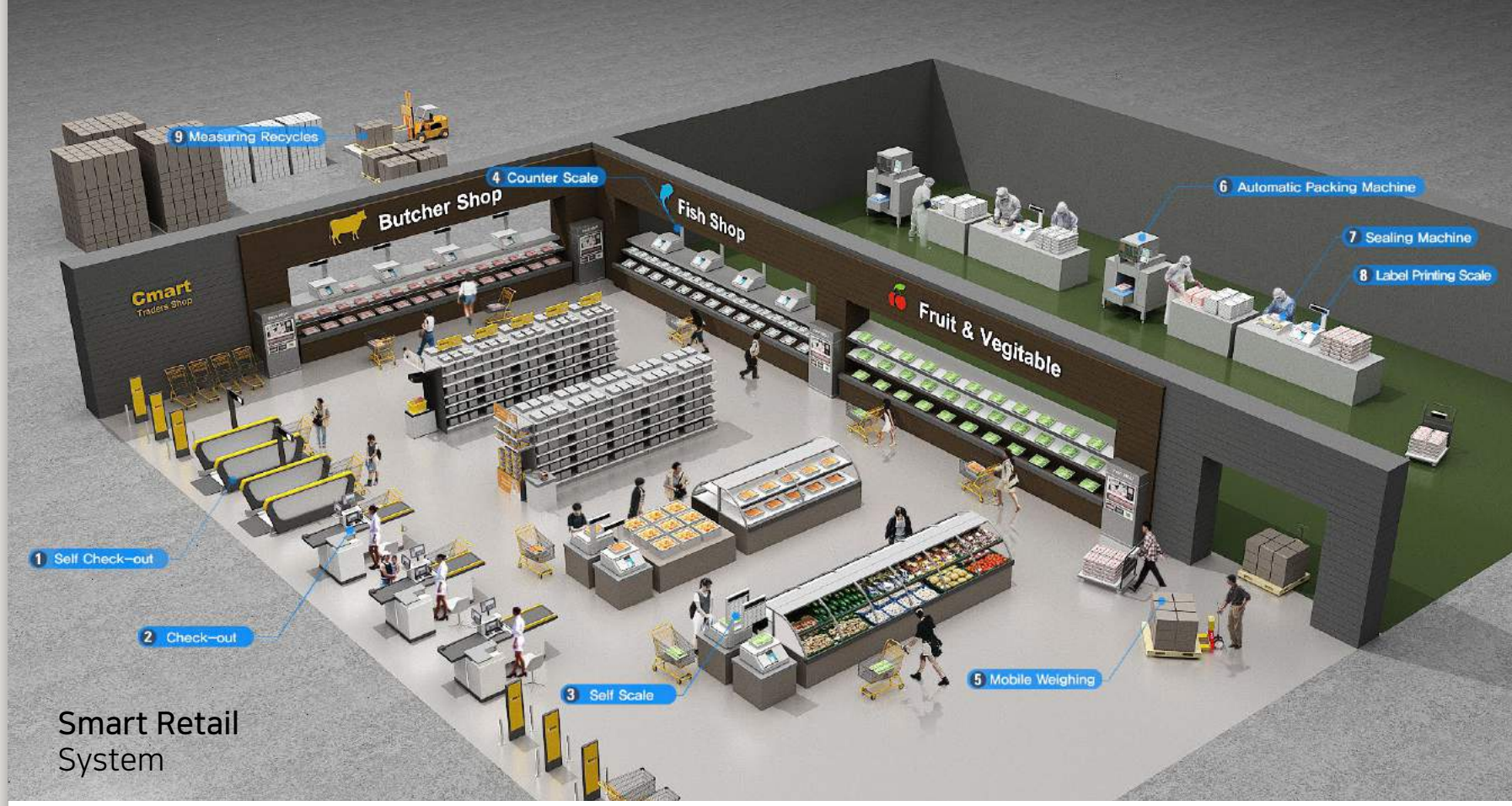

Smart Retail System

System configuration

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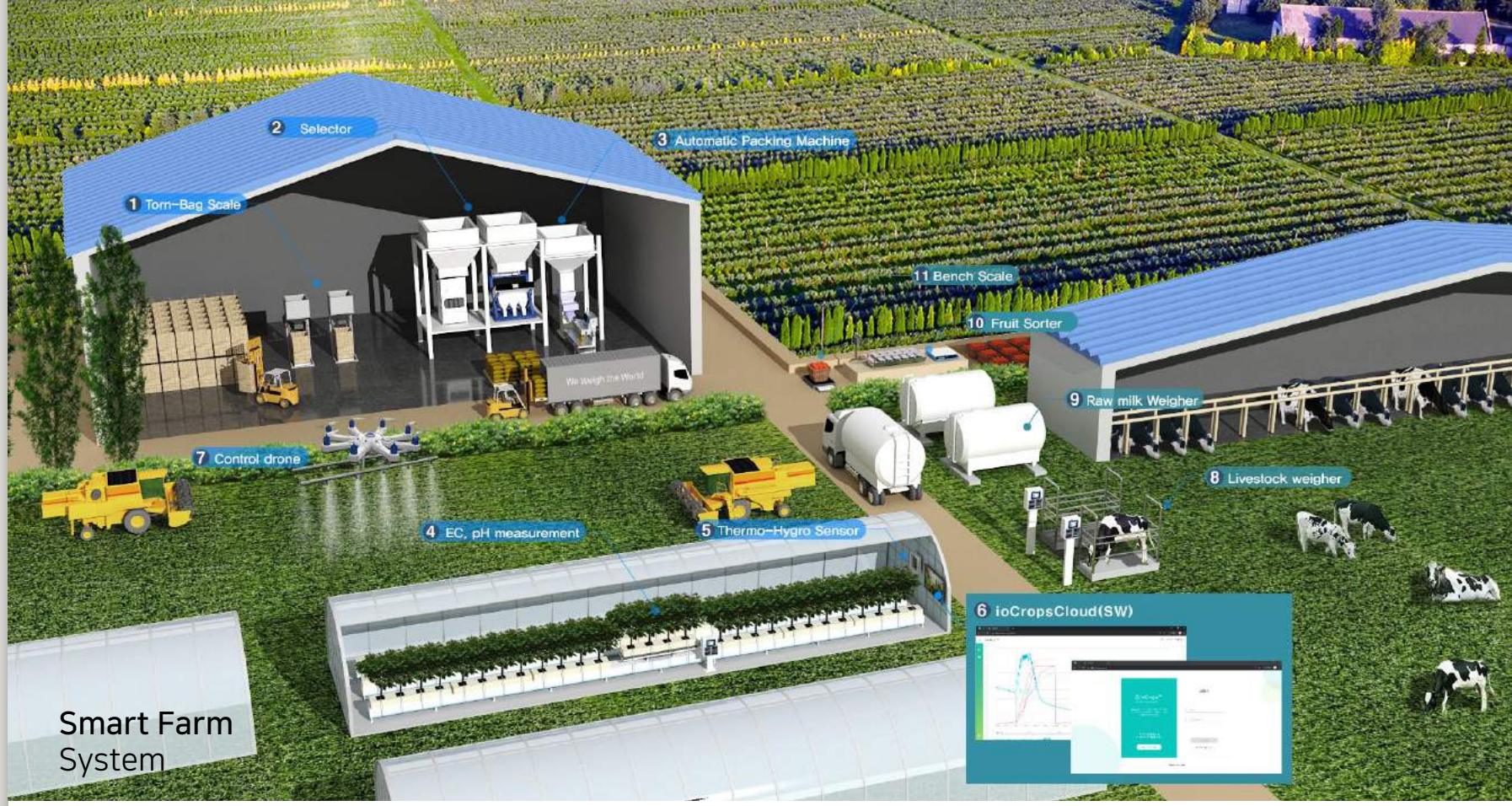

System configuration

Torn-Bag Scale | Selector | Control Drone | Crop Monitoring | Platform | Bench Scale | Fruit Sorter | Software | Livestock weigher | Raw milk Weigher | Damp-Proof Scale | Waterproof Scale | Bench Scale

Agro industry | Livestock industry | Fisheries

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Smart Home System

Product Configuration

Kitchen			Living Room			Bed Room			Bath Room	
Kitchen Scale	Timer	Dough Maker	Personal Scale	Body Fat Scale	Blood Pressure Monitor	Humidfier	Thermo Hygrometer	Nightlight	Mouth Washer	Toothbrush Sanitizer
Ultrasonic washer	Food Processor		Massage Machine	Electronic Calculator		Steamer	Iron		Multi-Purpose Vacuum Cleaner	Paraffin Bath
Electric Kettle	Coffee Maker		Thermometer	Air Circulator		Dryer	Ultrasonic Inhaler		Foot bath	Bath Thermometer

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Major Partners

KAIST
Incheon Airport
KOREA POST
posco
현대중공업
SK telesys
kt
LG CNS
KCC
농협
신세계백화점
emart
Home plus
농협 하나로마트
baskin BR robbins
HYUNDAI DEPARTMENT STORE
HYUNDAI
LOTTE Mart
AK PLAZA
KOREAN AIR

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