

Hidden Tag®

NO.1 Product Authenticity Verification Service

ScanHit®

Content DNA Search Service

SSELF™

Product Test Automation Solution

Multimedia Solution

Multimedia Application Solution

CK&B
CONTENTS KEEPER & BEYOND

Company & Product Introduction

Company	CK&B Co., Ltd.
Established	December 3, 2007
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Technology



Authenticity Verification

- Product Authenticity Verification Service
- Distribution Monitoring Service
- User Registration Service
- Dual Protection Service
- Product Individual Management Service

Document Protection

- Name Card Protection
- Document Copyright Protection
- Certificate Protection

Broadcast/Ad

- Broadcasting Information Service
- Advertisement Monitoring Service
- Anti-Counterfeit Service

Multimedia

- Image Copyright Protection
- Audio Copyright Protection
- Video Copyright Protection

Image/Content Search

- Image Copyright Protection
- Audio Copyright Protection
- Video Copyright Protection

Testimonials

Life Together!

No matter where you are, CK&B will always live up to your expectations!

“

Peter, Cosmetic distributor

With the upsurge of exports, especially to China, I was worried about the increase of counterfeited goods. However, after using [HiddenTag](#), not only I took [Anti-Counterfeit actions](#), but was also able to [prevent illegal distribution of vendors](#).

”

“

Ami, College student

I bought a bag featured in series, [using the mobile image search](#). After buying the bag, I received notification on recommended goods through the ‘similar image recommendation’ function.

”

“

John, Broadcaster

[Through the content protection service](#) piracy has been dramatically reduced. I was able to start a new commerce service with a sponsor through the [Broadcasting Information Service](#).

”

“

Kate, Mall administrator

Despite of the recent increase in shopping mall product and image piracy, I am effectively dealing with the situation, thanks to the [Image Copyright Protection Service](#).

”

History

2007

12 Establishment (New Company Name: CK&B Co., Ltd.)

2008

11 Recognized as a Research Institute (No. 2008110689)

10 Provided Product Image Copyright Protection Watermarking Solution to Danawa Co., Ltd.

05 Approved as a Software Company (No. 2008-08504)

04 Developed and Provided Internet Monitoring System for Literary works to KBS (Korea Broadcasting System)

2009

12 Supply Contract on Automation Monitoring System with Samsung SDS

06 Acclaimed as a Technology Development Company by the Ministry of Knowledge and Economy

05 Provided solution to INDIESTORY Co., Ltd. for copyright protection of Independent films

03 Excellent IT performance for National IT Industry Promotion Agency

02 Performed CT Technology Development for Korea Creative Content Agency

2010

12 Completed the Transmission of Terrestrial broadcasting connecting with UCI for SBS

12 Signed MOU of Business Partnership Cooperation with Samsung SDS

08 Acclaimed as a technology development company by the Ministry of Culture, Sports, and Tourism

06 Provided Multimedia Equipment Monitoring System to Samsung Electronics

05 Provided Solution for the protection of Cultural Heritage Information Resources to Korea Cultural Heritage Administration

2011

12 Awarded at Korea Invention Patent Exhibition by the Korean Patent office for Intellectual Property Protection

10 Best Entrepreneur among Small and Medium Sized Enterprises

10 Developed 3D Content Integrated System for KBS

08 Provided Test Automation Solution to Hynix Semiconductor Co., Ltd.

07 Carried out G-MES project for Samsung Electronics Co., Ltd.

06 Acclaimed as a Patent Star Company by Seoul Business Agency

02 Selected as a UCII Diffusion & Dissemination Support Company by Korea Creative Content Agency

2012

12 WIPO award for the best inventor at Korea Invention Patent Exhibition (KIPO)

11 Electronic IT Patent Management Award

10 Provided Mobile Solution for LG Electronics

09 Provided Mobile Solution for Postal Museum

07 Provided Watermark Solution to SBS

06 Provided Smart Device Test Automation Solution to Samsung Electronics

04 Provided Image Lic Solution to SK Hynix

2013

12 HiddenTag® C.O.P. developed

11 Provided Image Search Engine to Korean Intellectual Property Office (KIPO)

10 Received the President's Award on the Day of Electronics and IT

09 Built mobile solution for Korean National College of Agriculture and Fisheries

08 Developed the Audio Automation System for Samsung SDS

08 Built and provided UHD Contents Server to KBS

07 Provided a solution to SBS to separate non-subtitled videos and advertisements

04 Commercialized and implemented the Real-time Watermark Transmission Service for the first time in the broadcasting industry

03 Implemented CCTV History Management System for Seongnam City

02 Received Golden Award at the International Invention Patent Exhibition Iran/Awarded with the Honorary Prize in Germany

01 Implemented ScanHit Copyright Monitoring System

2014

12 HiddenTag® C.O.P. provided to Claiers

12 HiddenTag® C.O.P. provided to LG Care

09 HiddenTag® C.O.P. provided to Cell Cosmetics

07 Linkage to ScanHit® mobile service once the ad is scanned from Digital times

06 ScanHit® Rights 서비스 공급-Provided ScanHit® Rights Service to Deloitte

05 ScanHit® Mobile Service Support at PHILAKOREA 2014 World Stamp Exhibition

02 ScanHit® awarded the "Grand Prize for New Software" in the multimedia section

02 Acquired the "GS" certification for ScanHit®

01 Developed the 'Tire Cross-section Profile Recognition Solution'

History

2015

- 12 HiddenTag® C.O.P. provided to KCBMA
- 12 HiddenTag® C.O.P. provided to Dr. Jart
- 12 HiddenTag Watermark implementation by National Geographic information Institute
- 12 ScanHit® for Video Module provided to SBS
- 11 Acknowledged as an official brand protection mark of KITA
- 11 HiddenTag® C.O.P. provided to JAYJUN
- 10 HiddenTag® C.O.P. provided to ELE Korea
- 10 HiddenTag® C.O.P. provided to Sky007
- 10 HiddenTag® C.O.P. provided to April skin
- 09 Provided 4K content storage and metadata generation solution to SBS
- 09 HiddenTag® C.O.P. provided to Copan Global
- 08 HiddenTag® C.O.P. provided to Stylenanda
- 08 HiddenTag® C.O.P. provided to Raphas
- 07 Provided 4K image analysis system to SBS
- 07 HiddenTag® C.O.P. provided to NUC Electronics
- 07 HiddenTag® C.O.P. provided to Fascy
- 06 Awarded as a leading brand of Korea 2016
- 06 HiddenTag® C.O.P. provided to Samyang Genex
- 06 HiddenTag® C.O.P. provided to Phoenix
- 05 SBS joined exhibition for non-transcription system, KOBA exhibition
- 05 HiddenTag® C.O.P. provided to Salty Family
- 04 HiddenTag® C.O.P. provided to Recipe Cosmetics
- 02 HiddenTag® C.O.P. provided to Modeun Hightech
- 01 HiddenTag® C.O.P. provided to MISKOS

2016

- 12 HiddenTag® C.O.P. provided to AEKYUNG
- 12 HiddenTag® C.O.P. provided to Korea Broiler Council
- 12 HiddenTag® C.O.P. provided to 육군 제5779부대
- 12 HiddenTag® C.O.P. provided to Oh, Scent
- 12 HiddenTag® C.O.P. provided to Stylus
- 12 HiddenTag® C.O.P. provided to Sticky Monster
- 12 Provided video forensic mark for Content Platform
- 11 HiddenTag® C.O.P. provided to Waters
- 11 HiddenTag® C.O.P. provided to Dongkook Pharm
- 11 HiddenTag® C.O.P. provided to KFID
- 11 Certified by Anti-Counterfeiting Trade Association of China
- 11 HiddenTag® C.O.P. provided to Hurom
- 11 HiddenTag® C.O.P. provided to FLINK KOREA
- 10 HiddenTag® C.O.P. provided to SBW
- 10 HiddenTag® C.O.P. provided to Plabio
- 10 HiddenTag® C.O.P. provided to YG Entertainment
- 09 HiddenTag® C.O.P. provided to Play No More
- 09 HiddenTag® C.O.P. provided to Benton Korea
- 09 HiddenTag® C.O.P. provided to Bikit
- 08 HiddenTag® C.O.P. provided to LG Chem
- 08 HiddenTag® C.O.P. provided to Hyundai X-Teer
- 08 HiddenTag® C.O.P. provided to Tony Moly
- 08 HiddenTag® C.O.P. provided to Bomtech
- 08 HiddenTag® C.O.P. provided to PHARMA Research

- 07 HiddenTag® C.O.P. provided to Carver Korea (A.H.C.)
- 07 HiddenTag® C.O.P. provided to Homestore,
- 07 HiddenTag® C.O.P. provided to Jeongin International
- 07 HiddenTag® C.O.P. provided to Dr. Schrammek
- 07 HiddenTag® C.O.P. provided to KTCS
- 06 Delivered watermarking solution to heeil communications, apparel shopping mall
- 06 HiddenTag® C.O.P. provided to Pion Tech
- 05 HiddenTag® C.O.P. provided to PBS Korea
- 04 HiddenTag® C.O.P. provided to Moonshot
- 04 HiddenTag® C.O.P. provided to A. m. oK
- 04 HiddenTag® C.O.P. provided to Vant365
- 04 HiddenTag® C.O.P. provided to Forencos
- 03 HiddenTag® C.O.P. provided to Dr. Althea
- 03 HiddenTag® C.O.P. provided to Dream Topy
- 03 HiddenTag® C.O.P. provided to Gamsungtex
- 02 Adding SBS OPS, DNA search module
- 02 HiddenTag® C.O.P. provided to Cleomee
- 01 HiddenTag® C.O.P. provided to CLIO

History

2017

- 12 Provided 'HiddenTag® C.O.P.' to Jenny Sweet
- 12 Provided 'HiddenTag® C.O.P.' to EVISU
- 12 Provided 'HiddenTag® C.O.P.' to MANGOSLAB
- 12 Provided 'HiddenTag® C.O.P.' to Proudex
- 12 Provided 'HiddenTag® C.O.P.' to PHARMATECH KOREA
- 12 Provided 'HiddenTag® C.O.P.' to WingBling
- 12 Provided 'HiddenTag® C.O.P.' to Tangle ANGEL
- 12 Provided 'HiddenTag® C.O.P.' to JUPAZIP
- 11 Provided Scanhit Light solution to Denby Korea.
- 11 Provided 'HiddenTag® C.O.P.' to UNOCOS
- 11 Provided 'HiddenTag® C.O.P.' to SELENDERM
- 11 Provided 'HiddenTag® C.O.P.' to DEARDAHLIA
- 10 Provided 'HiddenTag® C.O.P.' to AGAPAN
- 10 Provided 'HiddenTag® C.O.P.' to KOREA TONG
- 10 eau precieus, HiddenTag® C.O.P. 납품
- 10 Provided 'HiddenTag® C.O.P.' to SISFC
- 10 Provided 'HiddenTag® C.O.P.' to BAREUNSKIN
- 10 Provided 'HiddenTag® C.O.P.' to PRIMETECH
- 10 Provided 'HiddenTag® C.O.P.' to D.ROPE
- 10 Provided 'HiddenTag® C.O.P.' to PI.GENE GLOBAL
- 09 Provided 'HiddenTag® C.O.P.' to Falkniven
- 09 Provided 'HiddenTag® C.O.P.' to MAUBEAUTE
- 09 Provided 'HiddenTag® C.O.P.' to SkinChu
- 09 Provided 'HiddenTag® C.O.P.' to SEJONGMALL
- 08 Provided 'HiddenTag® C.O.P.' to Percy lau
- 08 Provided 'HiddenTag® C.O.P.' to NERDY
- 08 Provided 'HiddenTag® C.O.P.' to Mewnty
- 08 Provided 'HiddenTag® C.O.P.' to CIVASAN
- 08 유희코, HiddenTag® C.O.P. 납품
- 08 Provided 'HiddenTag® C.O.P.' to MLB
- 08 Provided 'HiddenTag® C.O.P.' to Huons Global
- 08 Provided 'HiddenTag® C.O.P.' to Miskin
- 07 Provided 'HiddenTag® C.O.P.' to THESKINFACE
- 07 Provided 'HiddenTag® C.O.P.' to SNP
- 07 Provided 'HiddenTag® C.O.P.' to CHAGAKOREA
- 07 Provided 'HiddenTag® C.O.P.' to SOUND CAT
- 07 Provided 'HiddenTag® C.O.P.' to SANGJU
- 07 Provided 'HiddenTag® C.O.P.' to SHINWOO KOREA
- 06 Provided 'HiddenTag® C.O.P.' to PHYTOS
- 06 Provided 'HiddenTag® C.O.P.' to XAI korea
- 06 Provided 'HiddenTag® C.O.P.' to Grand Company
- 06 Provided 'HiddenTag® C.O.P.' to Seoul Halla
- 06 Provided 'HiddenTag® C.O.P.' to SY medipharm
- 06 Provided 'HiddenTag® C.O.P.' to PURIUM
- 06 Provided 'HiddenTag® C.O.P.' to Saddlebaby
- 05 Selected as an official brand protection solution of “Export Voucher” program by KITA.
- 05 Provided 'HiddenTag® C.O.P.' to CAREX.
- 05 Provided 'HiddenTag® C.O.P.' to comotomo
- 05 Provided 'HiddenTag® C.O.P.' to KOSXU
- 05 Provided 'HiddenTag® C.O.P.' to MUDOIN
- 04 HiddenTag solution integrated into Chinese 360 app market as an in-app menu.
- 04 Provided 'HiddenTag® C.O.P.' to MOOHAN
- 04 Provided 'HiddenTag® C.O.P.' to CHOUCOU
- 04 Provided 'HiddenTag® C.O.P.' to meyou PARIS
- 04 Provided 'HiddenTag® C.O.P.' to Carenology95
- 04 Provided 'HiddenTag® C.O.P.' to ESSOCO
- 04 Provided 'HiddenTag® C.O.P.' to KANANONGSAN
- 04 Provided 'HiddenTag® C.O.P.' to unit dose
- 04 Provided 'HiddenTag® C.O.P.' to MERBLISS
- 04 Provided 'HiddenTag® C.O.P.' to BJ CLAMAX
- 04 Provided 'HiddenTag® C.O.P.' to SHIN PHARMA
- 04 Provided 'HiddenTag® C.O.P.' to SKIN'S BONI

History

2018

12 Provided 'HiddenTag® C.O.P.' to SENTROLPLUS

12 Provided 'HiddenTag® C.O.P.' to East Skin

12 Provided 'HiddenTag® C.O.P.' to Rookie-Bud

12 Provided 'HiddenTag® C.O.P.' to Glide Enterprise

12 Provided 'HiddenTag® C.O.P.' to BEBECO

12 Provided 'HiddenTag® C.O.P.' to A-IN CMA

12 Provided 'HiddenTag® C.O.P.' to Lescily

12 Provided 'HiddenTag® C.O.P.'

to SYSTEMICCULTURE

11 Participated Cosmoprof Asia 2018 exhibition held in Hongkong

11 Participated Korea-Saudi Arabia Mobile Content Roadshow 2018

11 Provided 'HiddenTag® C.O.P.' to Hwajin-Lime

10 Participated Global Mobile Vision 2018(GMV 2018)

10 Provided 'HiddenTag® C.O.P.' to Melynn

10 Provided 'HiddenTag® C.O.P.' to RAYBLELON

10 Provided 'HiddenTag® C.O.P.' to COSMO C&T

10 Provided 'HiddenTag® C.O.P.' to Odd Blanc

10 Provided 'HiddenTag® C.O.P.' to Smile Gate Holdings

09 Provided 'HiddenTag® C.O.P.' to PT DUNLOPILLO

09 Provided 'HiddenTag® C.O.P.' to MEFACTORY

09 Provided 'HiddenTag® C.O.P.' to MAPUTI

08 Signed a sales agent contract with 'FAMONA' Co.,Ltd in Qingdao

08 Signed a sales agent contract with 'Coder Technology' in Malaysia

08 Participated Guangzhou Beauty exhibition 2018 held in Guangzhou, China

08 Provided 'HiddenTag® C.O.P.'

to Nhat Hoang-JARGUAR 07 Provided 'HiddenTag® C.O.P.' to EXOCOBIO

07 Provided 'HiddenTag® C.O.P.' to Nobel(SP-68)

07 Provided 'HiddenTag® C.O.P.' to FromBIO

07 Provided 'HiddenTag® C.O.P.' to Korea CCTV

06 Participated ECHELON Asia Summit 2018 held in Singapore

06 Provided 'HiddenTag® C.O.P.' to SR Biotek

05 Selected as an official brand protection solution of "Export Voucher" program by KITA for the second year

05 Awarded as role model enterprises from "2018 Small and Medium-Size Enterprises Award"

05 Provided 'HiddenTag® C.O.P.' to Jessie Steele

05 Provided 'HiddenTag® C.O.P.' to Viva Korea

05 Provided 'HiddenTag® C.O.P.' to Sparrow

05 Provided 'HiddenTag® C.O.P.' Bellanez

04 Participated ASEANBeauty 2018 Exhibition held in Bangkok,Thailand

04 Provided 'HiddenTag® C.O.P.' to Alice Martha

04 Provided 'HiddenTag® C.O.P.' to Beauty Absolute,

04 Provided 'HiddenTag® C.O.P.' to M.O.I Cosmetics

04 Provided 'HiddenTag® C.O.P.' to CSA COSMIC

04 Provided 'HiddenTag® C.O.P.' to Rinnai Korea Corp

04 Provided 'HiddenTag® C.O.P.' to J CALICU

04 Provided 'HiddenTag® C.O.P.' to DAIHAN BIO MEDICAL

03 ' Won the excellence award in the " SW Enterprise Competitiveness Award" held by Ministry of Science and ICT

03 Provided 'HiddenTag® C.O.P.' to COSRX

03 Provided 'HiddenTag® C.O.P.' to JONECOSMETIC Co.,Ltd

03 Provided 'HiddenTag® C.O.P.' to Doori Cosmetics

03 Provided 'HiddenTag® C.O.P.' to PPB STUDIOS (CHUU)

03 Provided 'HiddenTag® C.O.P.' to WC Japan

02 Provided 'HiddenTag® C.O.P.' to ROOTY

02 Provided 'HiddenTag® C.O.P.' to Bean Body Care

02 Nongnaka, HiddenTag® C.O.P. 납품

02 Provided 'HiddenTag® C.O.P.' to VELVELY

02 Provided 'HiddenTag® C.O.P.' to HAT'S ON

02 Provided 'HiddenTag® C.O.P.' to RICHARD WARD COUTURE STYLING LTD

History

2018

01 Launched HiddenTag Biz real-time scan monitoring platform

01 Provided 'HiddenTag® C.O.P.' to SOMEBYME

01 Provided 'HiddenTag® C.O.P.' to CRE8SKIN

01 Provided 'HiddenTag® C.O.P.' to ORGAHUE

01 Provided 'HiddenTag® C.O.P.' to Kamisori Inc

01 Provided 'HiddenTag® C.O.P.' to DAEDO

INTERNATIONAL

01 Provided 'HiddenTag® C.O.P.' to Mugavero

2019

05 Provided 'HiddenTag® C.O.P.' to Hansol Cosmetics

05 Provided 'HiddenTag® C.O.P.' to Vedi Vero

05 Provided 'HiddenTag® C.O.P.' to Riseup Korea

05 Provided 'HiddenTag® C.O.P.' to Classys

05 Provided 'HiddenTag® C.O.P.' to Platon Ventures Inc.

05 Provided 'HiddenTag® C.O.P.' to Beauty Nine

05 Provided 'HiddenTag® C.O.P.' to Digital World Co.,Ltd

05 Provided 'HiddenTag® C.O.P.' to Monstercube

05 Provided 'HiddenTag® C.O.P.' to Encom

05 Provided 'HiddenTag® C.O.P.' to Acmedelavie

05 Provided 'HiddenTag® C.O.P.' to CJ Olive Networks

05 Provided 'HiddenTag® C.O.P.' to BnB Korea

05 Provided 'HiddenTag® C.O.P.' to CSA COSMIC

05 Provided 'HiddenTag® C.O.P.' to Mooto

04 Provided 'HiddenTag® C.O.P.' to GOLD DOCTOR

04 Provided 'HiddenTag® C.O.P.' to KH

04 Provided 'HiddenTag® C.O.P.' to BLAUD

04 Provided 'HiddenTag® C.O.P.' to BA Company

04 Provided 'HiddenTag® C.O.P.' to BTC Beauty

04 Provided 'HiddenTag® C.O.P.' to Secret Holdings

04 Provided 'HiddenTag® C.O.P.' to Ultrue

04 Provided 'HiddenTag® C.O.P.' to JOONCOSMETICS

04 Provided 'HiddenTag® C.O.P.' to Nowcos

04 Provided 'HiddenTag® C.O.P.' to Motherk

04 Provided 'HiddenTag® C.O.P.' to Hirona

04 Provided 'HiddenTag® C.O.P.' to Medical Lab

04 Provided 'HiddenTag® C.O.P.' to Korea Gas Safety Co.

04 Provided 'HiddenTag® C.O.P.' to Greencrossms

03 Provided 'HiddenTag® C.O.P.' to Aronian

03 Provided 'HiddenTag® C.O.P.' to Gmed

03 Provided 'HiddenTag® C.O.P.' to lhee & Co

03 Provided 'HiddenTag® C.O.P.' to Ideebebe

03 Provided 'HiddenTag® C.O.P.' to Almostblue

03 Provided 'HiddenTag® C.O.P.' to HAKA KOREA

03 Provided 'HiddenTag® C.O.P.' to MARHEN.J

03 Provided 'HiddenTag® C.O.P.'

to LG VINA COSMETICS CO.,LTD.

03 Provided 'HiddenTag® C.O.P.'

to SOON GROW ENTERPRISE CO.,LTD.

02 Provided 'HiddenTag® C.O.P.' to NewFace Labs

02 Provided 'HiddenTag® C.O.P.' to MOART

02 Provided 'HiddenTag® C.O.P.' to Koodon

02 Provided 'HiddenTag® C.O.P.' to BYMOMO

02 Provided 'HiddenTag® C.O.P.' to WB

02 Provided 'HiddenTag® C.O.P.' to BLAUSEE

02 Provided 'HiddenTag® C.O.P.' to More AINI

02 Provided 'HiddenTag® C.O.P.' to DENAGE

02 Provided 'HiddenTag® C.O.P.' to la muse

02 Provided 'HiddenTag® C.O.P.' to Design Co.,Ltd

02 Provided 'HiddenTag® C.O.P.' to Provendex PTY LTD

02 Provided 'HiddenTag® C.O.P.' to GareyAsset

02 Provided 'HiddenTag® C.O.P.'

to Shenzhen iemit Trading

01 Provided 'HiddenTag® C.O.P.'

to GEUMCHUK INTERNATIONAL

01 Provided 'HiddenTag® C.O.P.' to Ashe7

01 Provided 'HiddenTag® C.O.P.' to WEBZEN Inc.

01 Provided 'HiddenTag® C.O.P.' to eclado

01 Provided 'HiddenTag® C.O.P.'

to SHINSEGAE INTERNATIONAL

01 Provided 'HiddenTag® C.O.P.' to Lejong

01 Provided 'HiddenTag® C.O.P.' to BEAUSCELLA

01 Provided 'HiddenTag® C.O.P.' to LJK

01

HiddenTag®

Total Digital Watermarking Service

HiddenTag of CK&B is a total digital watermarking service, which uses advanced technologies of the company, thus being differentiated from the conventional digital watermarking. It provides more value by allowing the users to add their own information and enjoy the experience.



C.O.P

Product Authenticity Verification Service



Document

On/Offline Document Protection Service



Name Card

Business Card Anti-Counterfeit Service



Multimedia

Multimedia Copyright Service



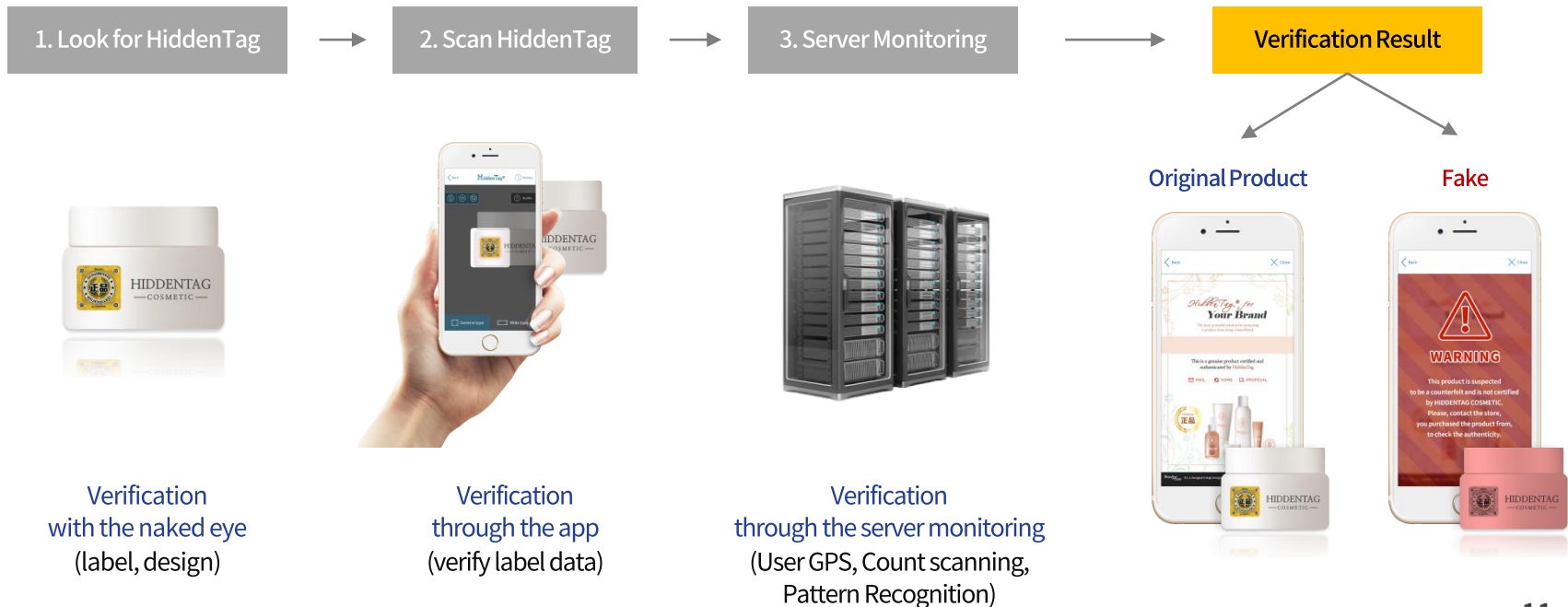
Broadcast

Integrated Broadcast Content Service

- 1-1 C.O.P.
- 1-2 Document
- 1-3 Name Card
- 1-4 Multimedia
- 1-5 Broadcast

HiddenTag® for C.O.P.

HiddenTag® for C.O.P. is the most secure product authenticity verification service that helps identifying the hidden data of the label through the smartphone app and sharing various information. With HiddenTag you can verify the authenticity of the product, first, by seeing HiddenTag security sticker on the product, and then scanning it with our mobile app. This whole process is possible due to server monitoring.



- 1-1 C.O.P.
- 1-2 Document
- 1-3 Name Card
- 1-4 Multimedia
- 1-5 Broadcast

HiddenTag[®] for Document

HiddenTag[®] for Document enables you inserting authenticity information inside the corporate logo or seal in your official letter to private or public organizations. This requires no further scanner (such as 2D barcode reader) and is easily detectable by a Smart device.



Forged document



Original document registered in DB



- 1-1 C.O.P.
- 1-2 Document
- 1-3 Name Card**
- 1-4 Multimedia
- 1-5 Broadcast

HiddenTag[®] for Name Card

HiddenTag[®] for Name Card is a new solution of CK&B that aims at solving the problems of identity theft and increasing cognitive effect. First of all, the identity can be checked with the naked eye, after which proper information can be collected through the smartphone, which also enables you with a number of marketing tools.

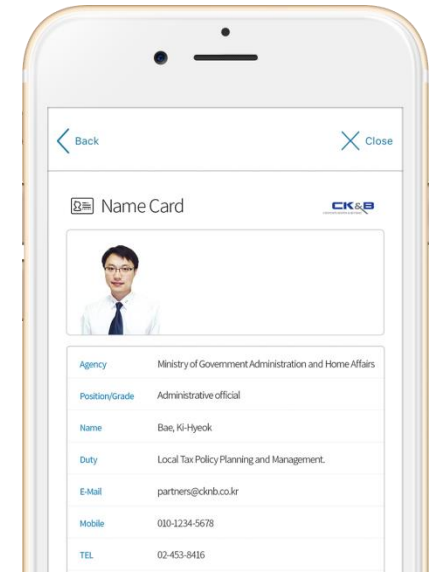
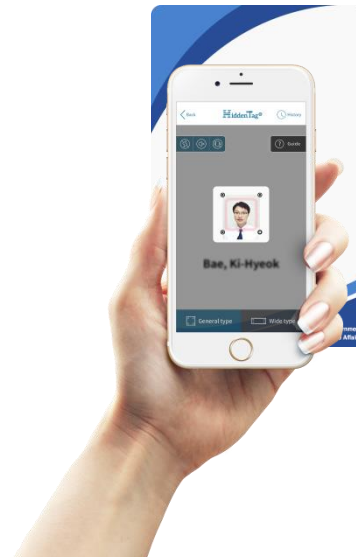
Look at the name card holder

Check out whether the picture on the name card and the name card holder are the same person

verification

Check the Identity

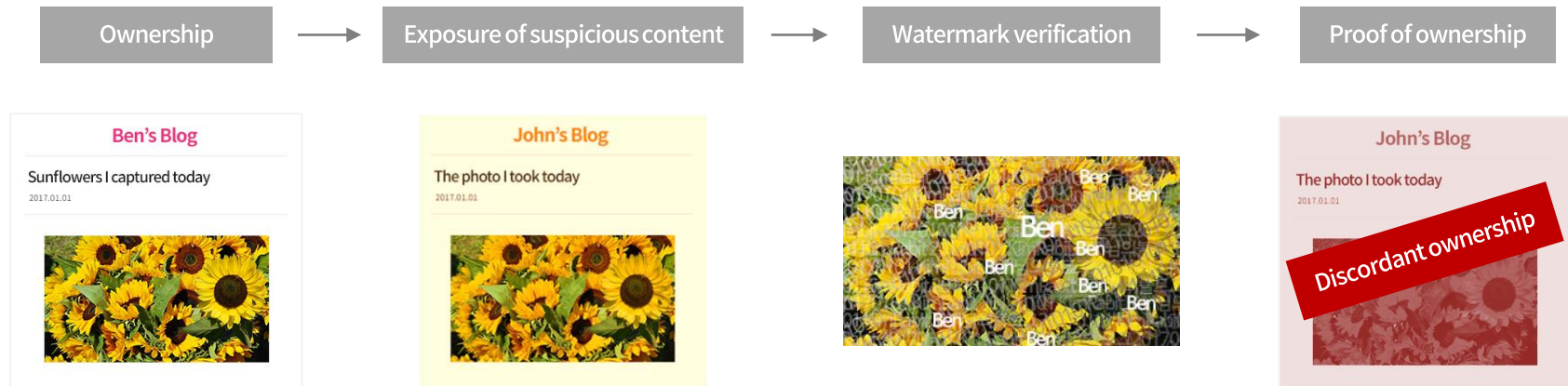
Check whether the information on the Name Card coincides with the one in the DB



- 1-1 C.O.P.
- 1-2 Document
- 1-3 Name Card
- 1-4 Multimedia**
- 1-5 Broadcast

HiddenTag® for Multimedia

Due to the accurate and quick content tagging and detecting technology, HiddenTag® for Multimedia can provide copyright protection for both on and off line multimedia contents. Watermark detection is possible for various forms of transformation of watermarked contents.



- 1-1 C.O.P.
- 1-2 Document
- 1-3 Name Card
- 1-4 Multimedia
- 1-5 Broadcast**

HiddenTag[®] for Broadcast

HiddenTag[®] for Broadcast enables you to protect copyrights of the broadcasted content, create new value-added services that can be connected to commerce/advertisement/VOD etc., and simultaneously monitor the effects of your advertisement. HiddenTag[®] for Broadcast enables inserting unique ID watermark to the Korean HD level broadcast and transmitting it.



Copyright Protection

Watermark insertion to the broadcasted content · Transmission Service



Creation of additional services

Indirect Advertisement (PPL)
Commerce Linkage Service



Monitoring Service

Real-time Ad Monitoring Service

02

ScanHit[®]

Content DNA Search Service



Mobile

Mobile Image Search Service



Rights

Pirated Image Search Service



Search

Similar Image Search Service

ScanHit is an optimal solution, which provides copyright protection and similar content search, using the unique DNA information of the digital content. This is expected to be next generation search engine, which will enable search and control of the specific content distribution.

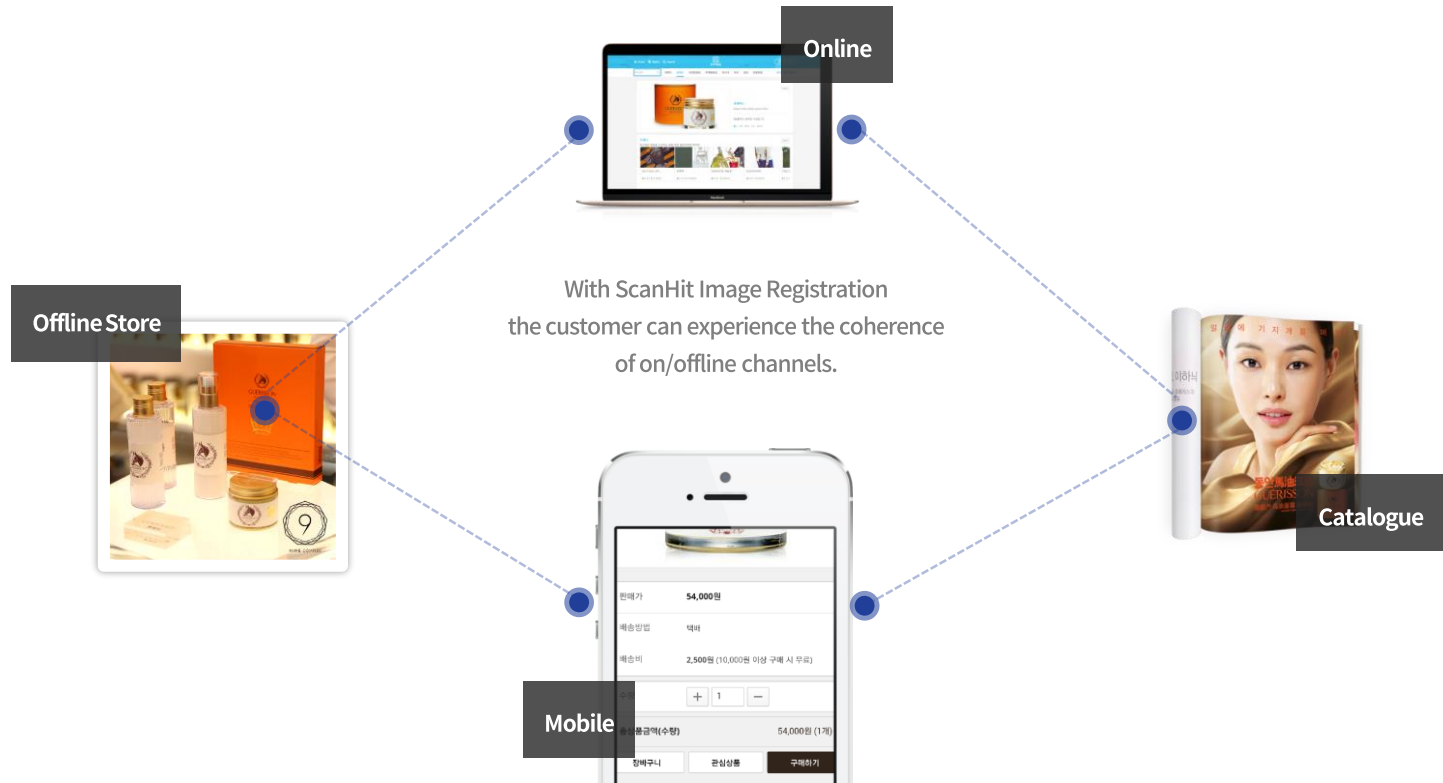
2-1 Mobile

2-2 Rights

2-3 Search

ScanHit® for Mobile

ScanHit for Mobile is an app service, which detects information from images around you. Based on the image search technology, we provide a unique experience to our customers, by connecting on and offline channels.



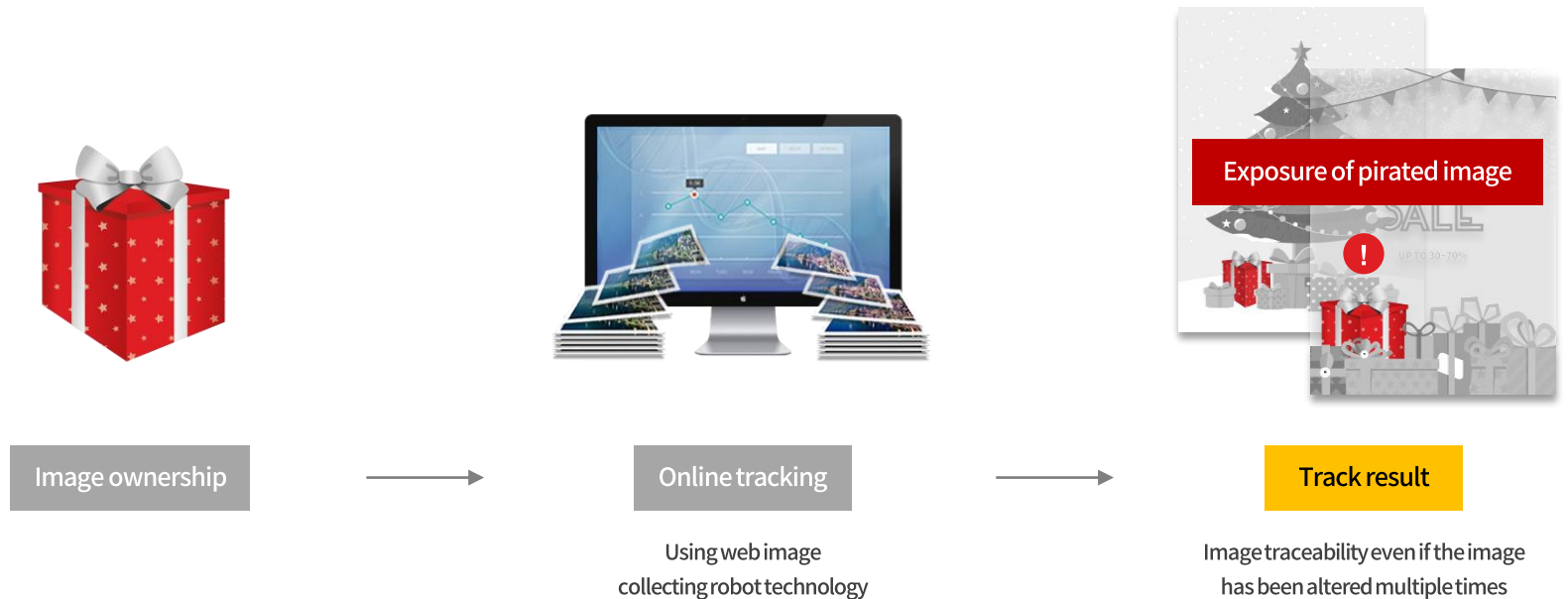
2-1 Mobile

2-2 **Rights**

2-3 Search

ScanHit® for Rights

By tracking images available online, using the collection robot technology, ScanHit for Rights reports to you copyright violated images, alongside with the related statistical data.



- 2-1 Mobile
- 2-2 Rights
- 2-3 Search

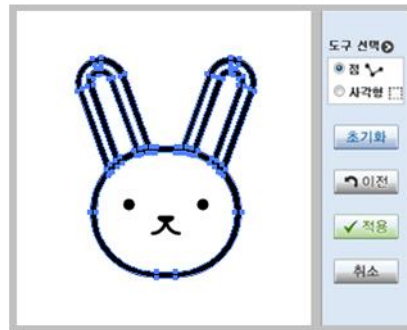
ScanHit® for Search

ScanHit® for Search can be used to search trademarks, designs, and patents. With the customized search of using key word and image together for accurate and quick results, ScanHit® for Search has overcome the limitations of key word search in online shopping malls.

ScanHit® for Search saves your time, by eliminating unnecessary search results that often contain irrelevant results.



Search object



Choosing Search Type

Dots and rectangle search possible,
Partial and shape search available

* KIPO delivery screen



Search



Search Result

03

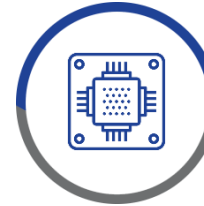
SSELF™

Product Test Automation Solution



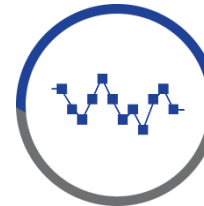
Display Device

Display Test Automation Solution



Semiconductor

Semiconductor Test Automation Solution



Object

Measurement Solution

3 SSELF

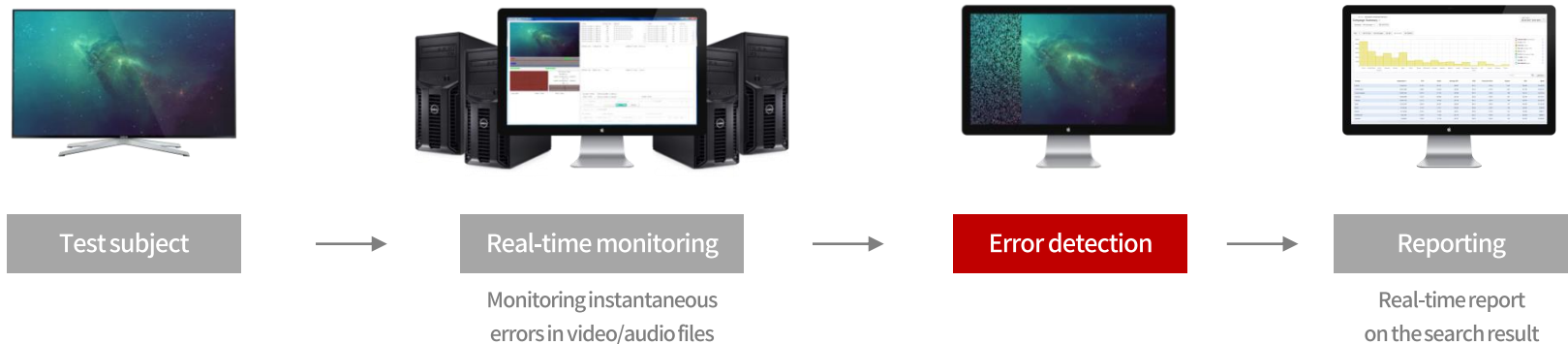
- Display
- Semiconductor
- Object

SSELF™

SSELF™, the new convergence of new generation computer and manufacturing technologies, is used to perform automated test to detect errors in software/hardware for multimedia output devices during the pre-shipment inspection phase. Detection of error in wafer/circuit, which is manually performed by engineers, can also be automated, and video object extraction, as well as the length/thickness/area of the object can be automatically determined, using the scanner.



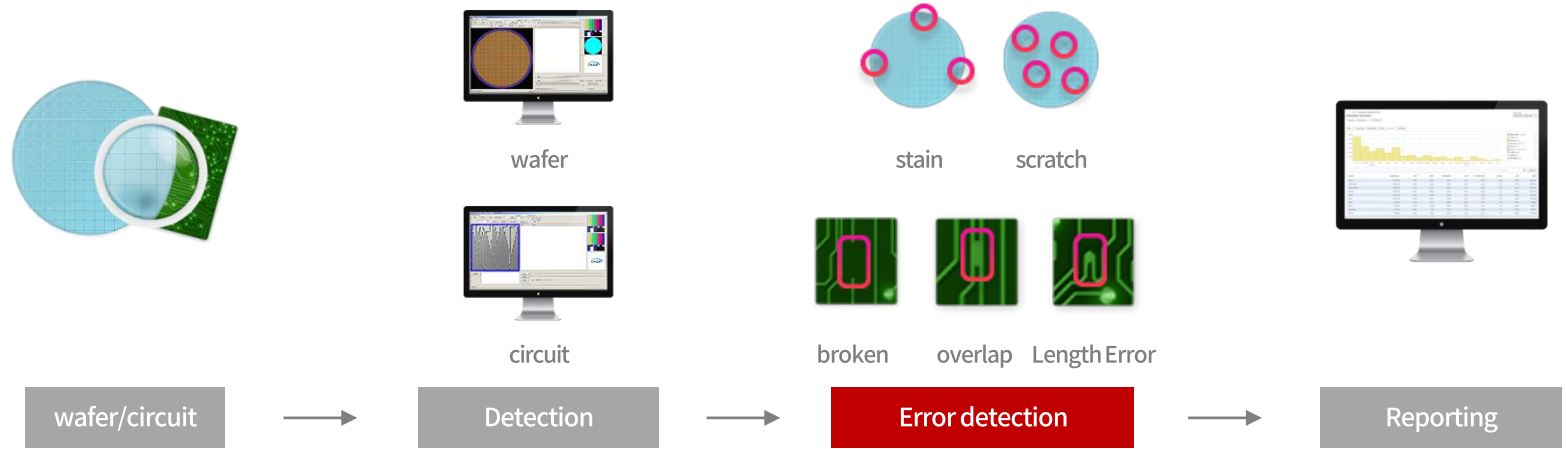
· Display Device (Display Test Automated Solution)



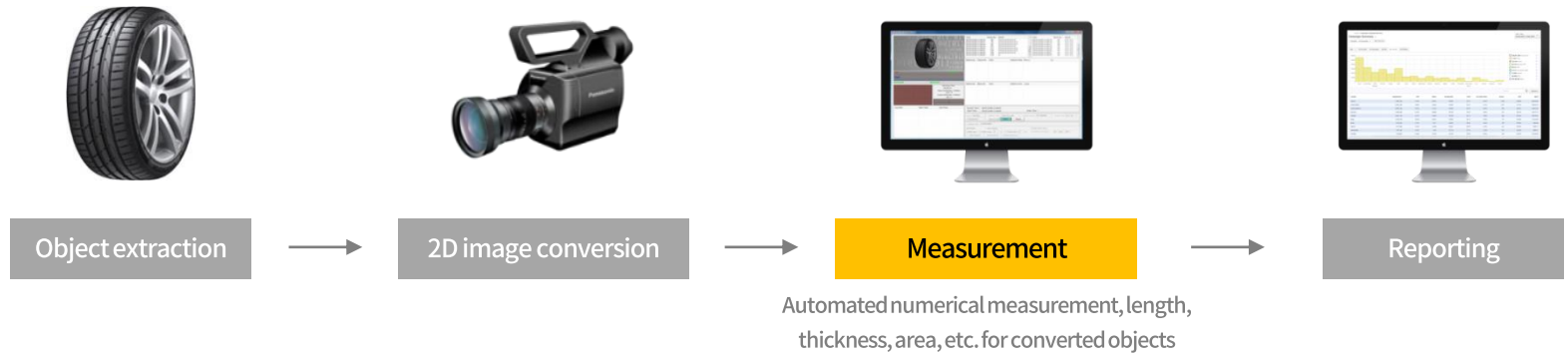
3 SSELF

- Display
- Semiconductor
- Object

· **Semiconductor** (Semiconductor Test Automation Solution)



· **Object** (Measurement Automation Solution)



04

Multimedia Solution

Multimedia Application Solution



Vision

Video Content Solution



Multimedia

Multimedia Recognition Solution



Object

Object Recognition Solution

CK&B owns a number of computer vision and digital video processing technologies. The company is constantly striving to develop new technologies to serve, and contribute to value creation for our customers.

4 Multimedia Solution

- Vision
- Multimedia
- Object

Multimedia Solution

Video Content Solution Vision



3D Content Solution

- exercising copyright protection and quality test

Computer Vision Solution

- Artificial Intelligence and Pattern Recognition

Multimedia Recognition Solution Multimedia



Voice Recognition Solution

- Application on Wearable devices

Multimedia Recognition Solution

- Integrated Content Recognition Technology

Object Recognition Solution Object



Video Object Recognition Solution

- Utilization in behavioral pattern and context recognition technology

Image Object Recognition Solution

*

Achievements



Patents



Awards



Press Release



Reference Clients

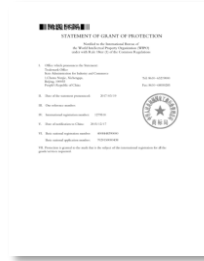
Patents



Reg. No. 5202123
(US)
Trademark registration of 'HiddenTag'



No. 4-2017-13294
(VN)
Trademark registration of 'HiddenTag'



Reg. No. 4008448390000
(CN)
'Authenticity Verification Labels and Authenticity Verification system patent application



Patent No 21457274
(CN)
'Trademark registration of 'HiddenTag'



Reg. No 1279510
(JP)
Trademark registration of 'HiddenTag'



Patent No. US8488837
(US)
Apparatus and Method for Creating Constructive Multi-Pattern Watermark, Apparatus and Method for Embedding Watermark by Using the same, Apparatus and Method for Extracting Watermark by Using the same



Patent No. 10-1019632
Contents transmission system for tracking illegal copy of contents and digital set-top box, using the same method



Patent No. 10-0971221
The adaptive watermarking method for converting digital to analog and analog to digital



Patent No 400844839
(CN)
Trademark registration of 'HiddenTag'



Patent No. 5539348
(JP)
Apparatus and Method for creating constructive multi-pattern watermark, Apparatus and method for embedding watermark by using the same, Apparatus and method for extracting watermark



Patent No. 10-1131505
Apparatus for embedding and/or extracting additional information in image contents



Patent No. 10-0967080
System and Method to connect on/offline media through watermarking



Holding over 30 intellectual property rights

Awards



'Prime Minister Award' from 18th Mobile Technology Award
Ministry of Science and ICT
(2018)



Role model enterprises from "2018 Small and Medium-Size Enterprises Award"
Ministry of SME and Startups
(2018)



Excellence award in the "SW Enterprise Competitiveness Award"
Ministry of Science and ICT
(2018)



Certificate of Software Quality
TTA



Grand Prize for New Software
MSIP
(2014)



Day of Electronics and IT President's Prize
KEA
(2013)



HAG-AWARD
German Special Prize
FIRI
(2013)



Certified Venture Business Company
KIBO



Korea Invention Patent Exhibition
KIPO
(2012)



WIPO Award for Best inventor
KIPO
(2012)



Korea Invention Patent Exhibition Silver Award
KIPO
(2011)



Appointed as INNOBIZ
SMBA



Won many other awards and certifications

Press Release

Smart Technology in Beauty Packaging



2017.07.01 <Cosmetics Business>

“Selected as an official brand protection solution of “Export Voucher” program by KITA for the second year



2018.05.19 <Digital Times>

Three industries using packaging for social good



2017.09.21 <MBN>

CTAAC and the Integration of HiddenTag to the Chinese 360 app market



2016.11.23 <MBN>

Global MOU with the International Relief Organization



2016.11.09 <ENewsToday> By Yun Jung Hyongz

Product Authenticity Verification Service HiddenTag of CK&B, and preventing forgery attempts of exported goods to China



2016.11.07 <CCTV NEWS> By Lee Min Su

MOU with KBMA for product authenticity verification solution and anti-counterfeiting



2016.03.08 <HKBS> By O Seong Yeong

Acquired the “GS” certification for ScanHit



2014.02.18 <Digital Times>

CK&B Supplied Multimedia Equipment Monitoring System to Samsung Electronics



2010.05.20 <Yonhap news>

ScanHit mobile service support at PHILAKOREA World Stamp Exhibition, 2014



2014.05.16 <AjuNews> By Lee Han Seon

Provided Image Search Engine to Korean Intellectual Property Office



2013.12.26 <Asia Economy> By Wang Seong Sang

Developed and Provided Test Automation Solution to Hynix Semiconductor Co., Ltd.



2011.08.24 <ETNEWS> By Seo Dong-gyu

Reference Clients



China Trade Association for Anti-Counterfeiting (CTAAC)



Korea International Trade Association



Selected by KOTRA's "Export Voucher" program



Korea Leaders 2016

“ Leading domestic and foreign companies and public institutions are cooperating with CK&B, by virtue of our unique services. ”



Directions

4 min walking distance from exit 4 of Tukseom Station

6 min walking distance from exit 1 of Seongsu Station



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