2021년
기술평가우수인증기업

NICE 평가정보(주)

Doosoun Consulting & Innovation
DOOSOUN CNI

International Distribution Standard

RFID-based ERP Suite

Solution used in famous fashion companies

Business area

Business area

1 Doosoun CNI provides the optimization of resource management, the cooperation between the inside and outside of the organization, organization competency strengthening, information sharing, work flow improvement and the optimal method for supporting the activation of the management efficiency by providing the consulting and fashion ERP solution service.

2 Doosoun CNI promotes various new business related to ERP, mobile services , RFID, etc. and suggest the solution facilitating the creation of a single big synergy.

3 Doosoun CNI is an IT development group considering the creativity and passion the highest value. We plan and develop necessary optimal solutions based on years of experience and know-how.

- · Corporate name   Doosoun CNI Corp. (www.doosoun-cni.com)
- · Date of establishment   November 15th, 2007
- · President   Hyeongmo, Kwon
- · Head office location   Ilshim Bldg. 41 61, Seongsui-ro 22-gil, Seongdong-gu, Seoul, Republic of Korea
- · A major business   Fashion IT consulting and operation consulting

         Fashion ERP service, equipment distribution, establishment of

         RFID integrated solution

         System integration and service, mobile solution development / sales

History

History

Development and History of Doosoun ERP

2020
RFID system

2022
· Launch of BootSoft.Pro ASEAN Service
  (WMS/E-commerce Back Office - English, Korean, Vietnamese)
  collaborative service
   - Cafe24 VN, Cafe24 KR, Cafe24 TW, Wisa Global

2021
· WMS open source development
· ERP ver. 10.0 launching with Doosoun
· Laundry management methods and servers using RFID
  (Patent No. 10-2201382)
· .NET Common Framework CoWare Launch

2020
· Selection of certified companies with excellent technical evaluation
  (NICE evaluation information)
· Duson CADOO launch (Cafe24-based pre-sale mall)
· Duplexon ERP ver.10 launching
· Duson ETS ver.9.0 Launch

2010
Widoo

2019
· Establishment of R&D Center in Vietnam
· Establishment of China R&D Center

2018
· Built RFID-based big data
· Strengthened globalization / localization service
· Built sensor-based customer flow information

2017
· Launched mPOS (mobile sales)
· Lauched Contents Management System
· Based on Inventory Control Tower Secure technology

2015
· Launched Widoo service
· Integrated on./offline customer
· Linked with Wisa, Cafe24 and Makeup Sabangnet

2012
· Launched Doosoun ERP ver.8.0 (Multi-language/Integration of on-offline)

2011
· Launched Mobile Business, Launched the EIS System

2010
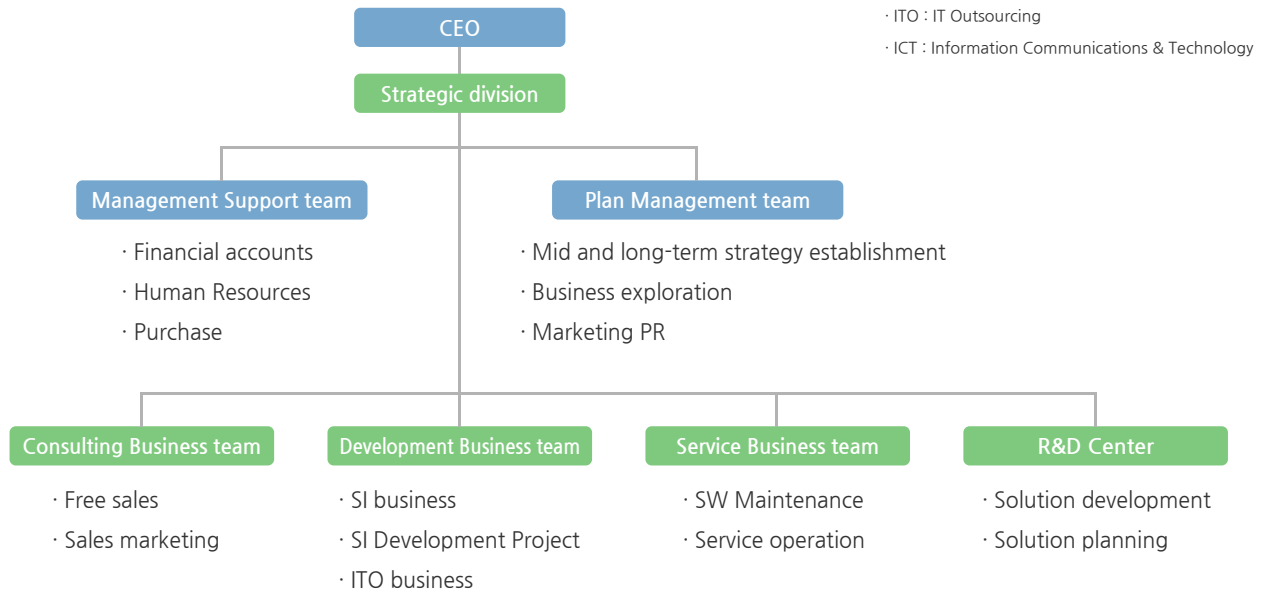· Launched Doosoun ERP ver.7.0   · Certified as venture

2000
ERP

2009
· Established R&D center and launched POS system

2008
· Launched BI System

2007
· Launched Doosoun ERP ver.6.0 (multi-language version)
· Founded branch of Doosoun C&I(Nov.)

2006
· Launched Doosoun ERP ver.5.0

2005
· Launched Doosoun ERP ver.4.0

2004
· Launched Doosoun ERP ver.3.0

2001
· Launched Doosoun ERP ver.2.0

CO, CI

Organization

· Reliable people – They have led current Doosoun C&I.

· ITO : IT Outsourcing
· ICT : Information Communications & Technology

```
                        CEO
                   Strategic division
         ┌──────────────────┴──────────────────┐
Management Support team          Plan Management team
  · Financial accounts            · Mid and long-term strategy establishment
  · Human Resources               · Business exploration
  · Purchase                      · Marketing PR
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Consulting Business team	Development Business team	Service Business team	R&D Center
· Free sales	· SI business	· SW Maintenance	· Solution development
· Sales marketing	· SI Development Project	· Service operation	· Solution planning
	· ITO business		

Corporate Identity

· The symbol mark formed as a well-organized puzzle with d and
s in a big square frame means the reasonable company dreaming
the well-organized organization system.

· The green and blue color means the passionate young company of youth
and challenge and the yellow and gray square means
the company becoming one with the customer.
(Elements forming the square = d,s = company, 3 squares = customer)

· Means equipping the safe and well-organized system
and the best operation system connecting the customer
and Doosoun C&I managing
and operating overall work system of the customer like
a snail which is hermaphrodite (sexless) through Doosoun C&I.

Doosoun Consulting & Innovation
DOOSOUN CNI

■ (blue)	C : 55 M : 15 Y : 0 K : 0
■ (green)	C : 50 M : 0 Y : 50 K : 0
■ (yellow)	C : 0 M : 10 Y : 60 K : 0
■ (gray)	C : 0 M : 0 Y : 0 K : 50
■ (black)	C : 0 M : 0 Y : 0 K : 80

Main product

Staple products and services

· Doosoun CNI provides the customer with the systematic from consulting to the system establishment and
operation through the perfect combination of three areas.
In addition, we, as the reliable partner, will provide the best value to the customer by
providing the competent product and fast and optimal solution by
accepting the customer's requirement as much as possible.

Fashion and distribution-specified
Consulting

The direct experience and know-how
obtained by providing the consulting service
in the fashion/distribution fields
for 10 years play the major role in
solving issues of customers.

TCO, ROI-oriented
Solution

Provide a business solution
helping the company Maximize the efficiency and
conduct fast and Intelligent business.

Expert-based
ICT Service

Provide the complicated ICT integrated service
Including system integration, outsourcing,
ERP/BI, S/W development,H/W and
network equipment distribution
and maintenance.

Doosoun ERP 10™

**S/W solution optimized for operation of
Small and mid fashion & distribution company**

Doosoun ERP helps the effective management of all the
Important information required by the customer from sales
and customer relation to the accounting, production,'
Purchase and material.
This solution especially specified for the small and
mid fashion and distribution company manages
the process efficiently and
support decision making based on
The information on time.

Provide business process optimized for Fashion and distribution business

1 Various experience & building know-how
· About 160 customers in Korea
· Establishment of consulting=based solution
· Multi-language support

2 Work-oriented System specification
· 2-tier client-server structure
· Oracle Database
· Applying quantum greed
· Applying RIA component (Mobile)

Strength of Solution

3 Integrated flexibility
· Smooth connection with MS Office
· Link to Cafe24, shopping mall such as makeup
· Link to external accounting management module like Duzon
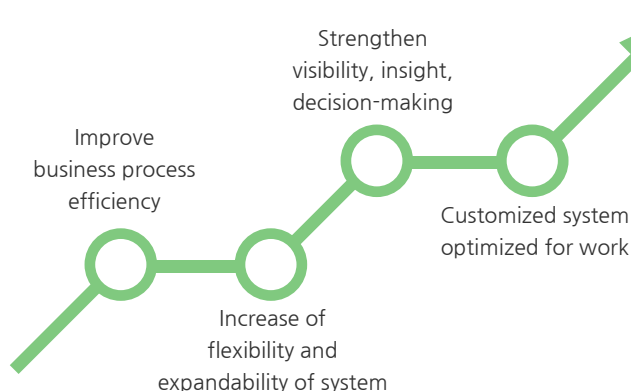· Link to groupware electronic payment system

4 Excellent maintenance
· Systematic call center support
· Continuous product development & application
· Programming for rapid maintenance

Increase of work producibility & Improvement of maintenance efficiency

Strengthen
visibility, insight,
decision-making

Improve
business process
efficiency

Customized system
optimized for work

Increase of
flexibility and
expandability of system

Staple products

Doosoun ERP 10™

· BI : Business Intelligence   · EIS : Executive Information System

Solution Map

We provide the solution map to help understanding how the functional modules formed according to the rapidly expanding and exchanging fashion business circumstance are organically coupled.

Solution Map		
BI & Other		Mobile-based E.I.S (FLEX Dashboard) , Inventory Control Tower (product operation recommendation service)
Doosoun ERP **Core** **Function**	Common management	Right · code · board · DB analysis, etc.
	Planning and management	Product plan · product information · work direction, purchase direction, accented product management promotion, order, analysis, etc.
	Distribution management	Incoming, outgoing, transfer between warehouses, promotion supplies management, repair, etc.
	Material management	Basic information, order, incoming, outgoing, inventory, calculation management, pre-estimated/ post cost, etc
	Production management	Consumption · production · claim · monthly deadline · payment · calculation management, etc.
	Sales management	Base · incoming · distribution · horizontal migration · sales (analysis) · sales · collection · inventory · repair · deadline
	Customer management(CRM)	Member · campaign · mileage · deposit · trend analysis · purchase analysis · on/offline integration, etc.
	Market management(POS)	Base · sales · incoming · inventory · customer· coupon · accumulation · text massage service · mobile sales/card approval
	SCM	Delivery plan, box barcode, bundle, loading, unloading, automated import process, export process
	Widoo	Our company's master link, Sabangnet link, order, delivery, inventory, customer, accumulation, deposit, coupon, etc.
	ETS9	call center system linked to Doosoun ERP10
	Link to accounting	Link to accounting system (Duzon CUBE, IU, SAP, etc.)
	Groupware	DAOU Office interworking
Technology		Delphi, Quantum Grid, Rich Internet Application, OLAP, Data Mining, Database Replication

Messaging service

Mobile coupon and messaging services

We provide marketing tools for the effective customer management such as the integrated mobile messaging service including short message, long message, multimedia message, internet connection message, mobile coupon and bidirectional message.

Business-type SMS service	Mass text messaging service
Business-type MMS service	1,000-letter text, image, video, music sending service
Notification Talk Service	Service for sending an alarm talk of delivery information
Mobile coupon service	Barcode-type online gift coupon sent with mobile phone text message

Equipment and patents

Distribution of fashion equipment & system

Doosoun CNI is supplying products at the competent price under the cooperation with Korean
and foreign fashion equipment system company to respond more requirement of customers.
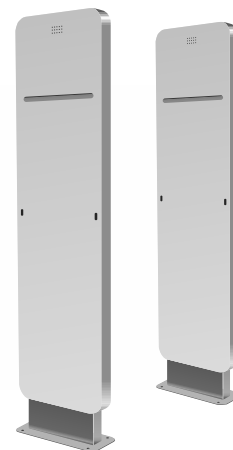
Security Gate

RFID, 4GLTE, 1D BARCODE

BarCode Reader

RFID Printer

Server

Bluetooth Scanner

Mobile Printer

Network

RFID

Patent

We believe that the main driving force of Doosoun CNI is creative and industry leading technology development
and actively develop the new product through the investment of R&D sector.

Product name	Applied industries	Registration number
Doosoun direct and agency management	Fashion clothing company	2001-01-11-3685
Doosoun Sales, inventory control	Fashion clothing company	2001-01-11-5342
Multi-functional ERP 2.0	Fashion clothing company	2001-01-11-8287
Market sales management 3.5	Fashion clothing company	2002-01-11-5322
Sales distribution management 3.5	Fashion clothing company	2002-01-11-5323
Easy Label 2.0	Fashion clothing company	2004-01-11-202
Doosoun ERP 5.0	Fashion clothing company	2004-01-151-006628
Doosoun SCM	Fashion material manufacturer	2005-01-154-000357
Hospital MRO SYSTEM	Small & mid hospital material management	
DOOSOUN ERP 6.0 for Web (Multi Lingual)	Fashion distributor	2010-01-151-004462
Production management (PRS system)	fashion production and promotion company	2010-01-151-004463
Middleware for PDA & TCP/IP	Solution possessed by Doosoun CNI	
Possess BARCODE PRINTER(H/W) development-based technology	All industries	Ver 2 (ready for commercialization)
EV battery factory automating MES	EV battery industries	
Doosoun ERP 7.0	Fashion distributer	2010-01-151-004464
Doosoun ERP 8.0	Fashion distributer	C-2012-021904
Doosoun Laundry	Fashion distributer	10-2201382

Partner

...and is allied to major international partners

ORACLE

현대정보기술

롯데정보통신

WISA

BizSpring®

DAOU 다우기술

FUJITSU

MakeShop®

SPC NETWORKS

CJ 대한통운

GAMSUNG TECHNOLOGY

대한민국 결제의 중심! KCP

eMfo MOBILE TOTAL SOLUTION

U+

더존 DUZON Good,Better,Best IT그룹

롯데택배

SABANGNET

Cafe24 Success Partner

erpia

支付宝 ALIPAY

DESIGN LAUGH

syrup

AVERY DENNISON

WALK INSIGHTS

K-SQUARE.COMMS

Bizm people

galaxia COMMUNICATION

微信支付

NTOM New Technology On Media

gabia.

GLOBAL TAX FREE e-Tax Refund System For Tourist

Easy Check

godo: 더 나은 시작

ITCEN SYSTEMS

NICE정보통신 NICE Information & Telecommunication NICE

BLUETAIL

BEEN
NATURE & COMFORT

La Perla

BEVERLY HILLS POLO CLUB

ALLFORYOU

NAIN

23 GOLF

DONGWOO

LANCETTI

mollэf

JAANH
Jaanh Group, Inc.

Mizuno

Woodan

MUTNAM

LOTTE

Sergius
Italy mode

adabat

Neo Biotech
Satisfaction to Dentists

GERARD DAREL
CHARLOTTE GAINSBOURG POUR

GIORDANO

ROUNZ

DEEPEYE

ESTsoft

LAYER.

LMC.

YUDO GROUP

MARITHÉ FRANÇOIS GIRBAUD
PARIS

fuzz

SEKANSKEEN

Kanco

hummel

carhartt

TED BAKER
LONDON

Thursday Island
URBAN VINTAGE LIFE

POLLARI

OZOC

ACC:SCENT

VALENTINO

Customer

···and is allied to major international partners

LOW CLASSIC

ETRO Milano

WONDERPLACE

DADO SENS DERMACOSMETICS

DIPIC

CALMA

LEATHER NORI

SHE'S MISS

TBJ

PING

Fine Fur Selected
KUKJE FUR

MaxMara

SOFAA

WORKSOUT.

Papaya U.S.A.

FairLiar GOLFWEAR

TIFFANY B.Q. BABY QUIZ

NOITA

IAMYURI

le coq sportif

ELOQ

NANDA www.stylenanda.com

FREITAG

MiiG ON

renoma

AM ANTONY MORATO

3336 KM

ELLE

Callaway

UN UNITED NUDE ™

W

ALL:AND

LIST

TED BAKER LONDON

OUNOJ

MISOPÉ

BUCKAROO JEANS

MORADO

Papaya U.S.A.

The amy of my dream

TIFFANY B.Q. BABY QUIZ

More expended internal System

Solution specified at MULTI MARKET (on/off/SNS/overseas/virtual market)

POS

· Credit/Check card reader
· Varied promotion including set, bundle and 1+1 sales
· Link to sales stand-by and customer management
· Delivery tracking for group order and payed order products
· Accumulation/deposit/coupon management
· Link to Alipay
· Request personal delivery for payed order
· Deliver online order to store
· Link to KICC, NICE, SPC VAN company
· Link to tax refund(GTF)

Widoo

· Link to shopping mall/order collection /delivery information
· Link to open market/partner mall through Sabangnet
· Link to customer, inventory, accumulation and deposit

Mobile

· Real time sales trend analysis
· Market/date/product unit analysis
· Warehouse/market inventory
· Warehouse location management
· Product trend analysis/MD curation
· Door-to-door sales M-POS

ETS 9

· application link by order number
· consolidation of acceptance by order product
· transferring an AS representative in charge of AS
· acceptance of replacement, generation
· Return Receipt, Return Order Creation
· Request for return / Acceptance of return / Return Refund Completed / Logistics Linkage
· Delivery History / Collection History
· AS history/temporary storage
· Consolidated Order Search /Inventory Confirmation
· Priority Allocation / Forwarding Hold

Marketing

· Use mobile based-marketing tool
· Sales efficiency analysis
· Use on/offline voucher and coupon simultaneously, save simultaneously
· Send SMS/LMS/MMS coupon

SCM

· Distribution/release optimized to purchased/outsourced product
· Factory POP management
· Overseas product shipment management
· Domestic product unloading management
· Outsourcing margin management constant rate-price available

WMS

· DAS /DPS/ SORTER
· Link to delivery service
· On/offline product delivery-release by scanning
· Print contents list per box
· Confirmation by store return scanning
· Inventory for location

DOO SOUN ERP

ETS 9

Definition of ETS 9

· E-commerce Telephony integration System
· Call center system linked to Doosun-ERP8/10

Expectation effectiveness

· Only ETS can do overall AS work.
· You can communicate with logistics instructions at the call center without instructions from the middle manager.
· Customer's AS operations will be improved 2.5 times.
· With a small number of people, all orders and consultations are carried out.

Overview of the entire process

ETS 9

· application link by order number
· consolidation of acceptance by order product
· transferring an AS representative in charge of AS
· acceptance of replacement, generation
· Return Receipt, Return Order Creation
· Request for return / Request for Return / Return Refund Completed / Logistics Linkage
· Delivery History / Collection History
· AS history/temporary storage
· Consolidated Order Search/Inventory Confirmation
· Priority Allocation / Forwarding Hold

CTI

IP-PBX

· Internet telephone interworking
· confirmation of incoming customer history
· Making/Receiving/Returning a Phone
· automatic recording/recording
· call history inquiry

Enhanced user Interface

Through the interface with enhanced user convenience,
the user can differentiate the unit program
to fit the characteristics of individual's duty.
It is easy to manage the user by managing the user group and program authority management.
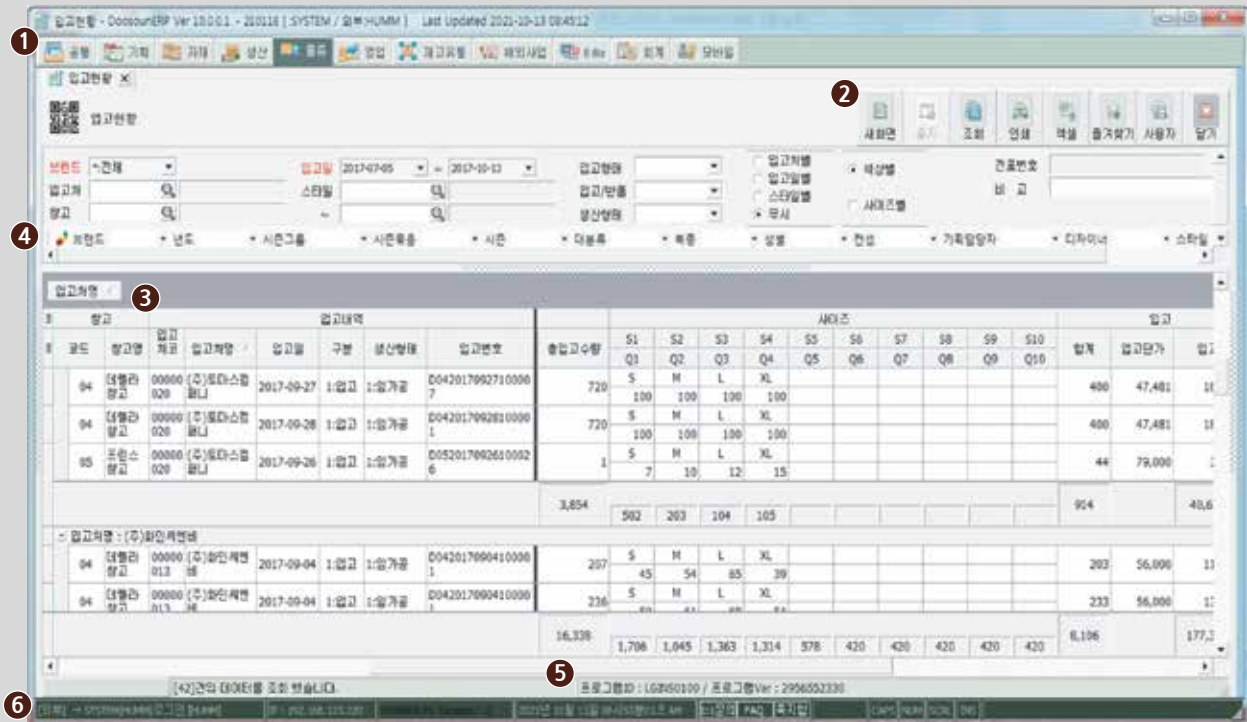
❶ Display upper major category Menu for work flow.

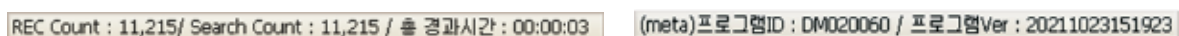❷ Each screen allows bookmark, Excel Up/Download, current screen saving, etc.

❸ Grouping like Excel pivot.

❹ Search with common search condition without selecting the separate search condition.

❺ Grouping like Excel pivot.

REC Count : 11,215/ Search Count : 11,215 / 총 경과시간 : 00:00:03   (meta)프로그램ID : DM020060 / 프로그램Ver : 20211023151923

❻ User information and frequent work using ERP System can be found by click on the bottom button.

2021년 10월 13일 08시53분01초 AM   1:1문의 FAQ 복지함

about ERP 10™

Mobile Solution

Create the menu for simple and clear sales trend analysis and user's authority.
Function: warehouse/store inventory examination, inventory location, company return, inventory search by product, etc.

Provide sales trend information as graph for each style.

Daily sales volume

A seven-day moving average

P/B (%)

Cumulative sales rate

Examine warehouse & store inventory with smart phone

If you have a smart phone and a Bluetooth scanner,
you can examine the warehouse and store anytime.
Both mobile app-based/hybrid-type mobile web-based version
are available.

* Applying to DB real time when scanning barcode.
  (minimize data loss)

Support both iOS & Android (Pure App.)

Warehouse examination (location-based examination),
store examination (sector-based examination)
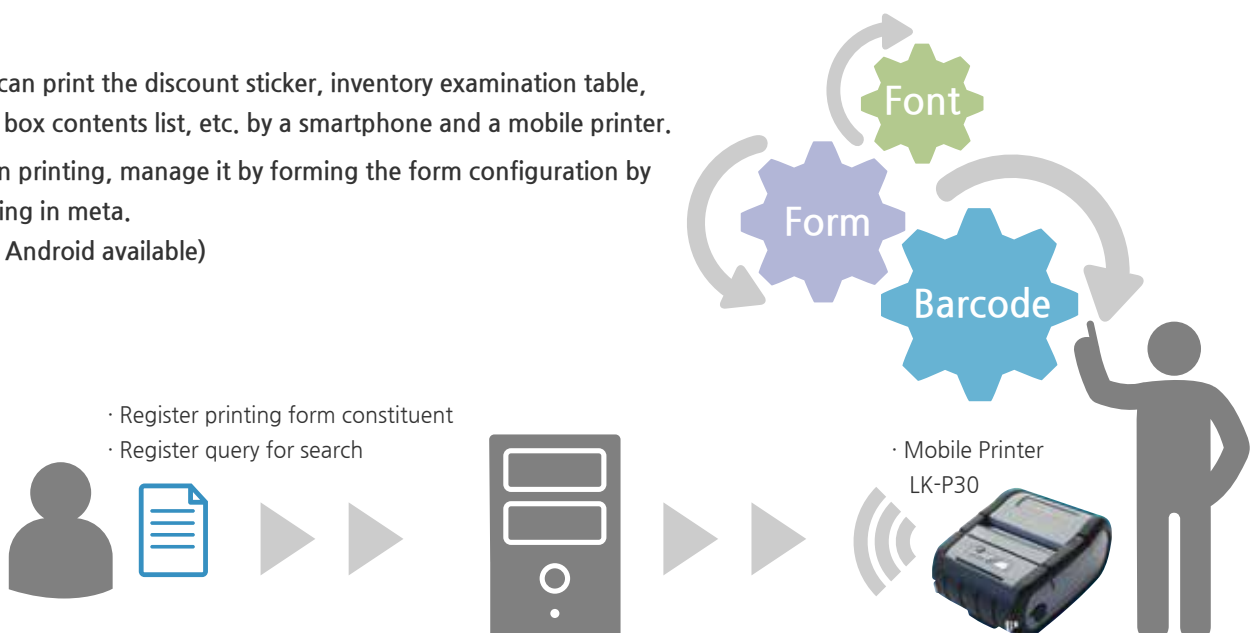→ Available to search ERP/ POS real time.

0 070863 286804

Bluetooth

Smartphones & Mobile Printers

You can print the discount sticker, inventory examination table,
SCM box contents list, etc. by a smartphone and a mobile printer.

When printing, manage it by forming the form configuration by
forming in meta.
(iOS, Android available)

Font

Form

Barcode

· Register printing form constituent
· Register query for search

· Mobile Printer
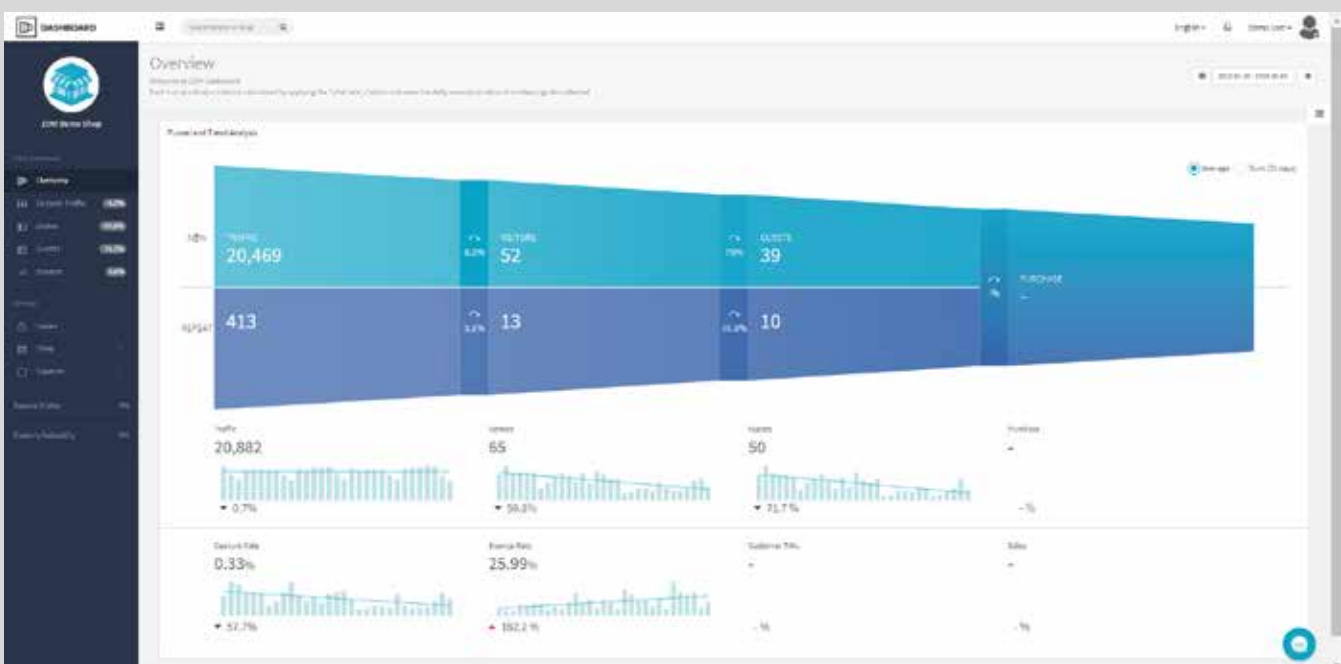 LK-P30

about ERP 10™

POS

The product information
and work contact with
other companies are summarized
briefly on one screen to
allow the information check and
actions without additional work.
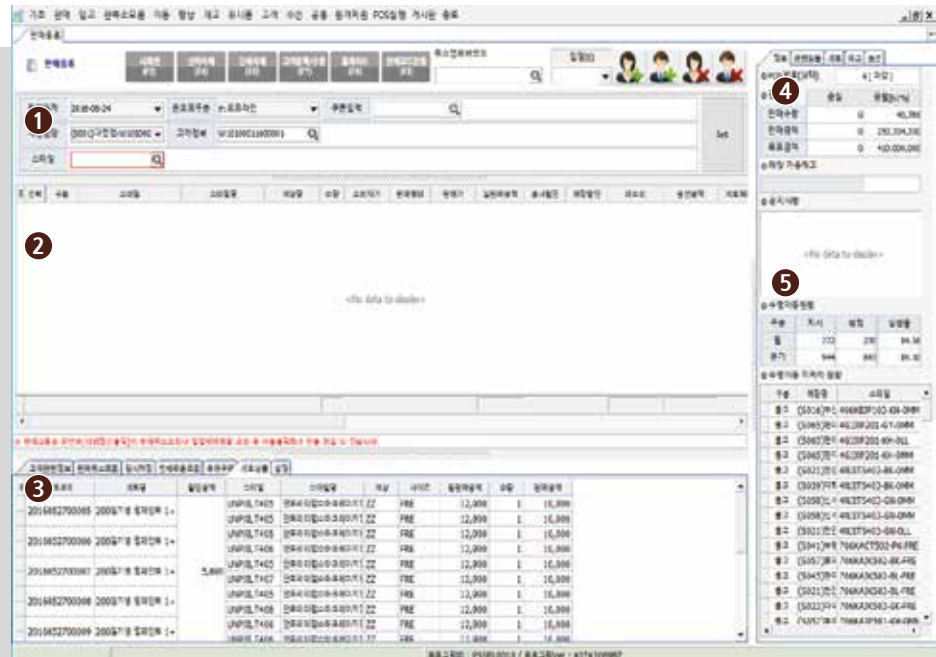
❶ he sales-related information
of sales or return customer
is displayed-registering
incoming customer

❷ The sales or return target product information is displayed.

❸ The purchase history information like purchase history, mileage accumulation, voucher issuance/use history related to
the customer is displayed. (including the issuance of automatic discount coupon for new registration)-including delivery request function
for the customer who completely paid

❹ Registration of inventory information and customized product by product in the store is available-hand-made shoes, etc.

❺ The relevant history and plan information like notification and transfer direction from the company and process are displayed.
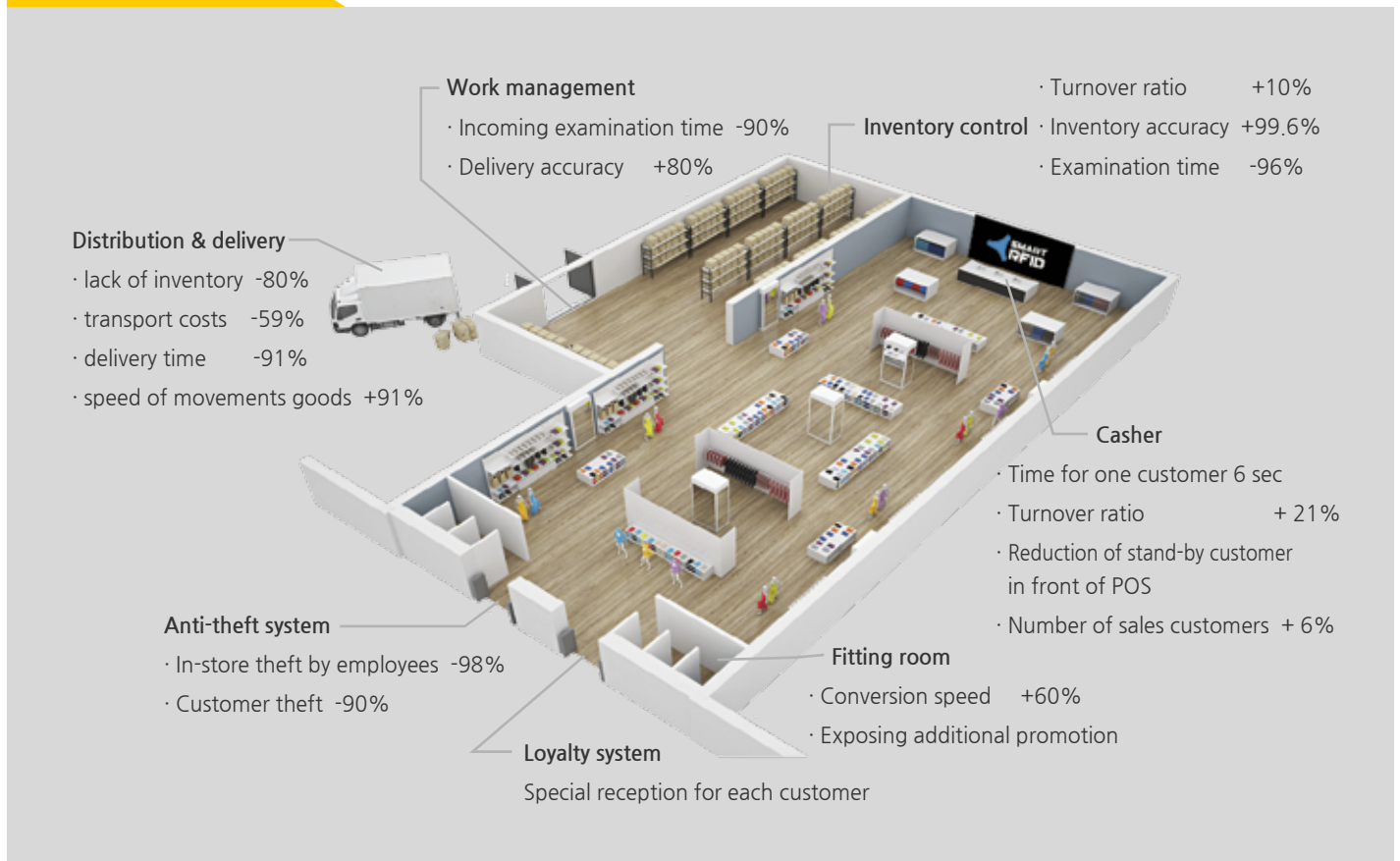
Customer Dashboard - Currently developing

· Link the customer traffic in front of the store, visitor information and POS purchase information under cooperation with
Walk Insights which is the smart phone wifi signal -based customer analysis tool company.
· Check whether the visitor is the new visitor or re-visitor through dashboard.

about RFID

RFID Map

Work management
· Incoming examination time -90%
· Delivery accuracy   +80%

Inventory control
· Turnover ratio   +10%
· Inventory accuracy   +99.6%
· Examination time   -96%

Distribution & delivery
· lack of inventory -80%
· transport costs   -59%
· delivery time   -91%
· speed of movements goods +91%

Casher
· Time for one customer 6 sec
· Turnover ratio   + 21%
· Reduction of stand-by customer in front of POS
· Number of sales customers + 6%

Anti-theft system
· In-store theft by employees -98%
· Customer theft -90%

Fitting room
· Conversion speed   +60%
· Exposing additional promotion

Loyalty system
Special reception for each customer

RFID Competitiveness

Item	Other application company	Doosoun CNI
Channel Frequency	UHF 920Mhz ~ 940Mhz	UHF 920Mhz ~ 940Mhz
EPC to GS1 DATABAR introduction	Not introducing. (Must read through RFID reader when selling) Do not implement in actual store RFID-based sales data is not accumulated	**EPC to GS1 Databar (SGTIN - 96) Introduction** (Processing by scanning databar attached to tag in sales) Not necessary to separately train store employees RFID-based sales data is accumulated
EPC Data Formats	Formed in simple serial	Save information generated by **binary conversion** and **hexadecimal conversion** of GS1 data consisting of Korean distribution standard code -based SKU information and serial in RFID chip
Other brand information filtering when RFID scanning	RFID of other brands can be scanned by overlapped serial (cannot filtered in scanner)	Use the only key in the world, RFID filters the external garbage value from scanning and only **sends the actual operation data to server**
Implementation of RFID individual notification RFID	No notice on RFID Tag and label	**Expose** that RFID is attached to the RFID tag and label **as an image**
Accuracy of RFID Reading	Despite difference depending on RFID tag size and design, it shows accuracy of 97%	Nearly **100%** in case of European and Chinese operation currently
Sales analysis of incoming order	Not available for all brands currently operated	**Available**
Usage of No. of RFID introduced	Incoming, outgoing, return, store examination, inventory control	Incoming, outgoing, return, store examination, inventory control, **sales process, return process, transfer between stores, sales analysis**
Budget	$ 2,800,000 ~ 4,700,000	**$ 93,000 ~ 470,000**

mPOS, Company location

about mPOS

· Mobile based e-Commerce solution
· Mobile commerce solution equipped with offline-based payment solution.
· Mobile order ▷ LGU+ BIZPAYNOW-linked card payment ▷ Inventory allocation to warehouse ▷ Invoice printing ▷ Delivery process
· Cancellation order ▷ Cancellation of card payment ▷ Return request to CJ Logistics Corp. ▷ Return confirmation ▷ Return completion
· Settlement of manager fee (providing benefit from delivery)
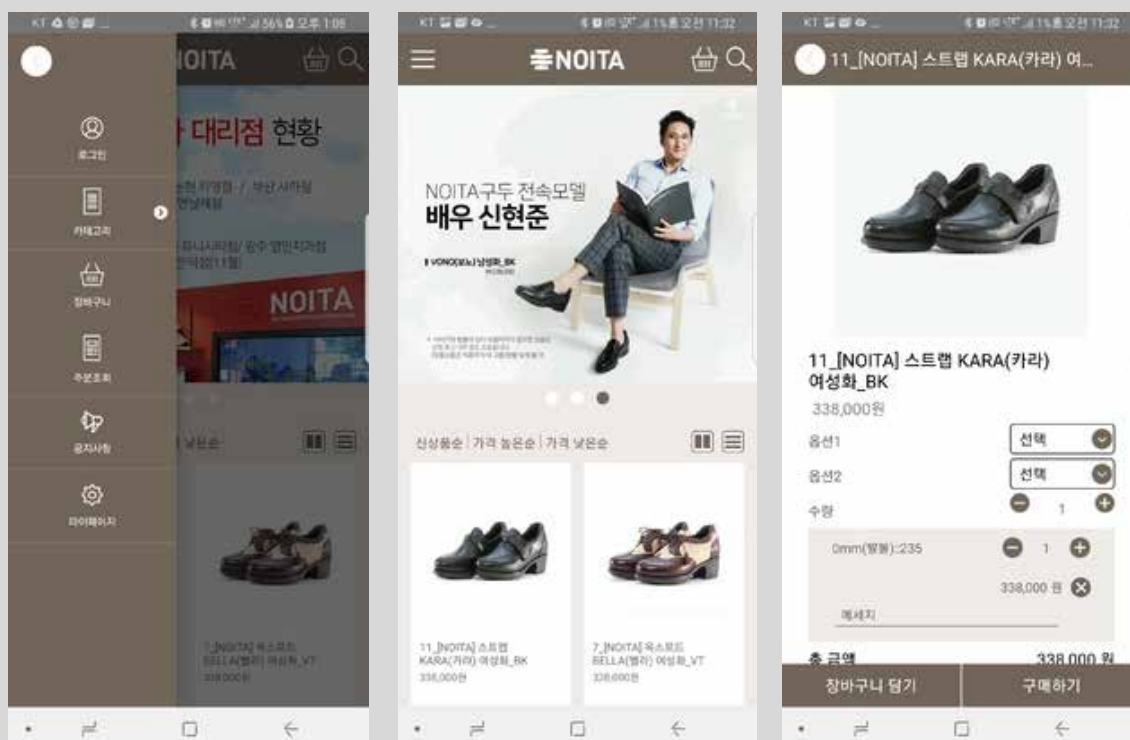
Company location

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