

DXTECH

DXTECH Co., LTD

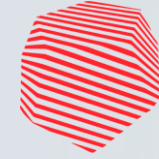
Company Introduction

Analog Go Digital, Digital Go AI



DXTECH

Company Vision



DXTECH



Analog Go Digital, Digital Go AI

We Want to Grow into

a Professional Company for

People, Human-Centered

AI / BigData Platform

Company Overview



DXTECH

- Established : July 2016
- Representative : Kent Lee
- Business area : R&D and System Integration Business for Automation Solution of Enterprises / Institutions
- Key Customers and Partners



Digi6ye

AI / RPA
Platform

DigiDox

Enterprise
Solution

SysVision

System
Integration

Main Business Area

Process Automation

- RPA Automation
- AI OCR
- Elastic Search
- Cloud Service
- SMB Automation
- ERP Embedded
MES / ERP / PMS / HR

Smart Pen Platform

- Pen Platform
- ICR
- Appliance
- Linux, Android Base
- RPA Interface
- Global Marketing

System Integration

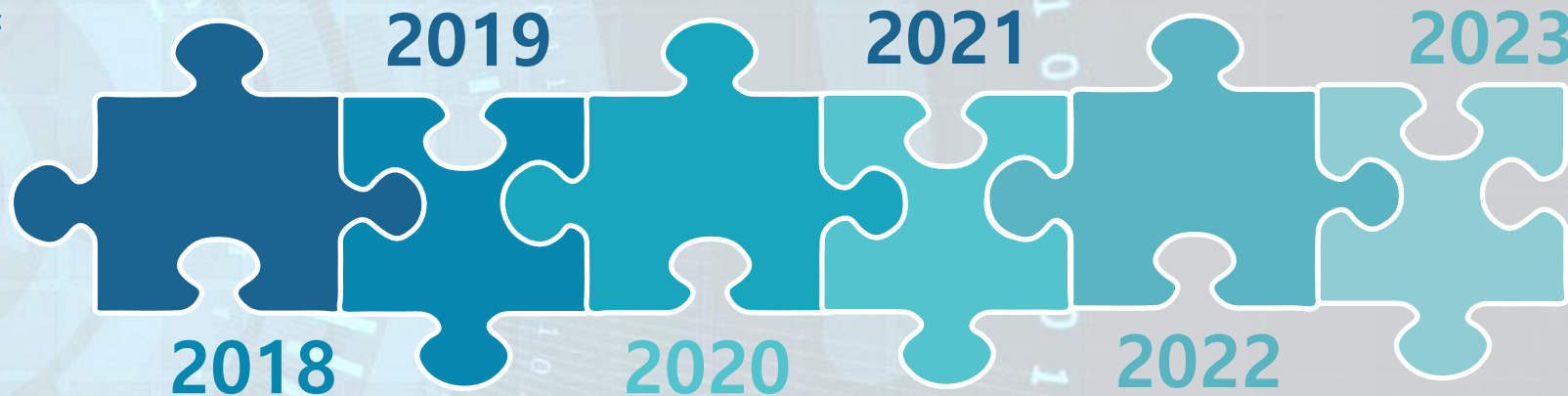
- SHE
(Safety, Health, Environment)
- WMS
(Warehouse Management System)
- IoT Devices
(Internet of Things)

Key Business Performances

- Fashion company Aioli sales management automation RPA application business
- Application of RPA to Automate Credit Recognition Processing by the National Institute for Lifelong Education
- Kyobo Life Insurance's major business automation RPA project
- Technology Guarantee Fund (KIBO) Major Business Automation RPA Project

- Development of Digital Twin-based Safety Management System (Korea Hydro & Nuclear Power)
- 2nd Smart Factory for Cheonan/Asan Semiconductor Mini Cluster (DigiDox)

- Donghwa Electrolite Hungary NMP establishes WMS system for electrolyte plant
- Incheon International Airport Corporation's multi-sensor data acquisition and convergence processing S/W development service



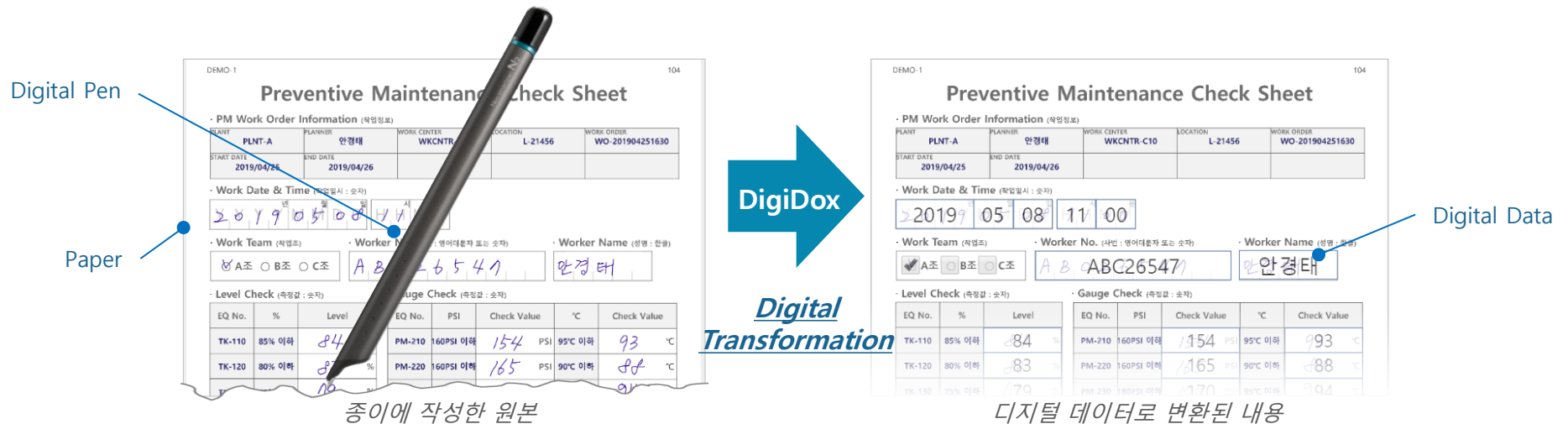
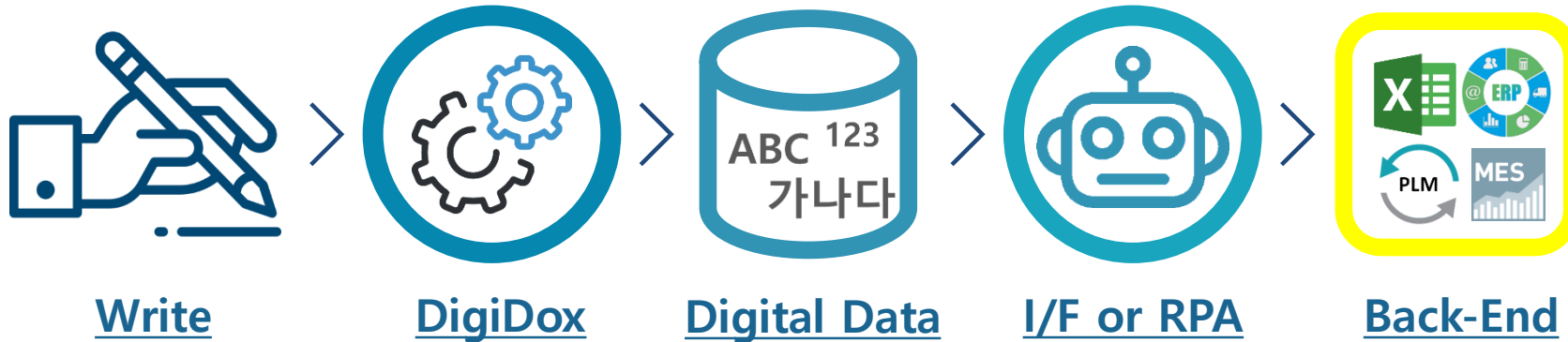
- Shinsegae Home Shopping Call Center Consultation Business RPA Application Project

- Application of the Rural Development Administration's business automation RPA
- Application of RPA to Automate Credit Recognition Processing by the National Institute for Lifelong Education (2nd)
- BPO Company Will & Vision Accounting Automation RPA Business
- Project to build a smart factory for Cheonan/Asan Semiconductor Mini Cluster
- Fashion company Daehyun's sales/hip management automation RPA business
- Fashion company Baba Fashion Sales/Sales Management Automation RPA Business
- LGU+ sales and customer management DX conversion business (DigiDox)
- LG Chem Environmental/Safety Management System Portal Business (DigiDox)

- Establishment of SHE (Safety and Health Environment) System for Murim Paper
- Simulation and Integrated S/W Development of Incheon International Airport Corporation Boarding Dynamics
- Establishment of WMS (Distribution Warehouse Automation) System for Donghwa Enterprises
- Establishment of Chemical Raw Material Management (RMSC) System for Donghwa Enterprises
- Rural Development Administration's Digital-Based Administrative Work Automation RPA Project
- Training to acquire artificial intelligence and RPA certificates at Polytechnic University in Korea

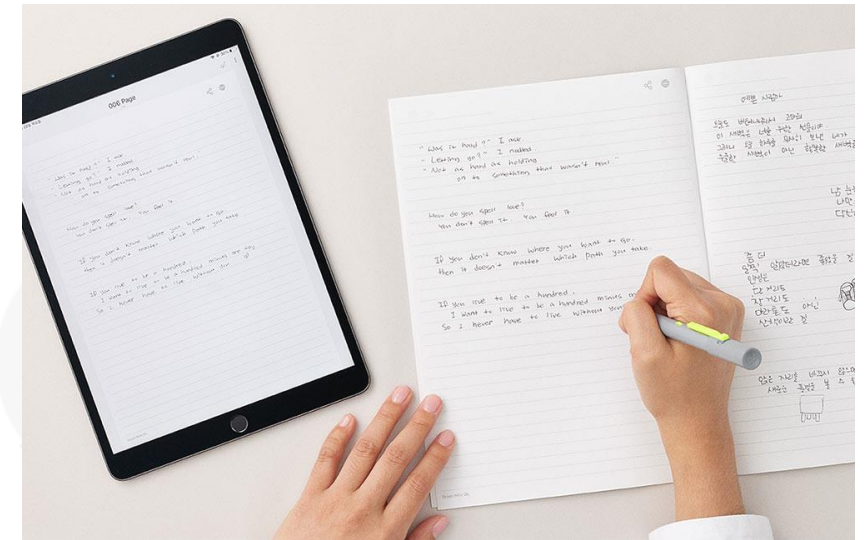
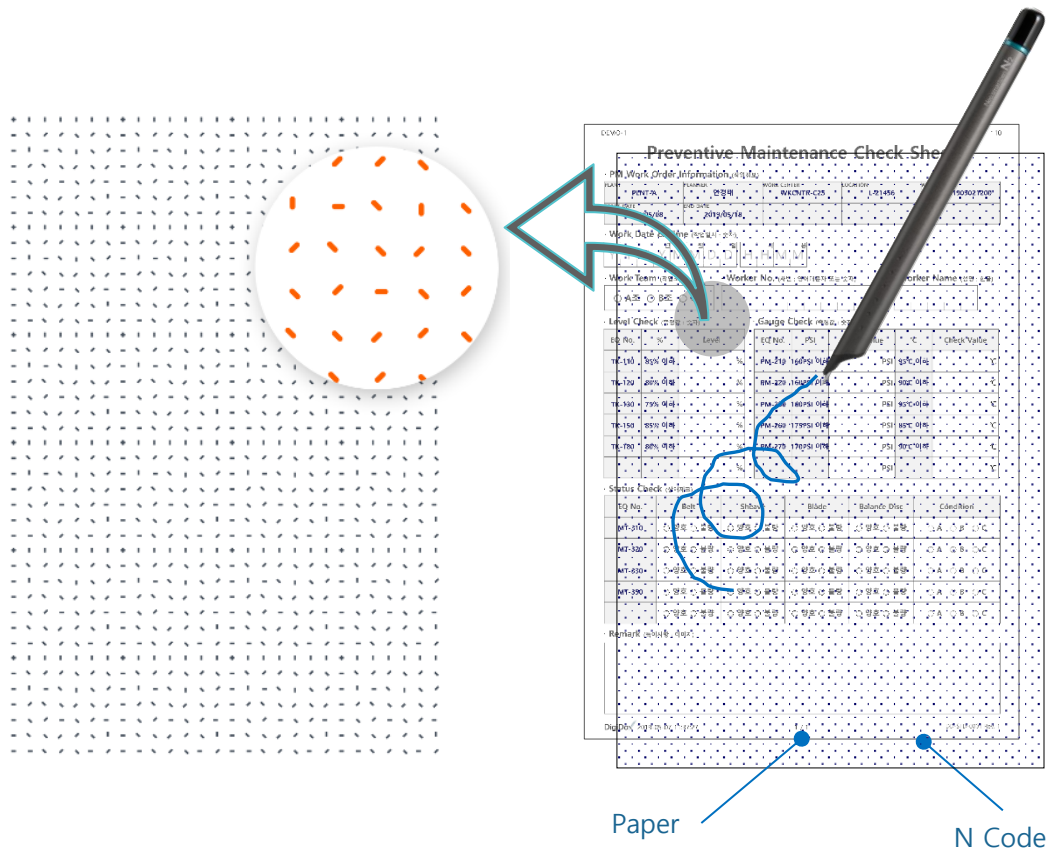
Enterprise Solution

DigiDox solution enables digital transformation without complicated procedures for handwritten data



Enterprise Solution

Smart pens used in DigiDox solutions are handwritten on paper in a similar form to conventional ballpoint pens and sent via USB or Bluetooth to a server where DigiDox solutions are installed for conversion into digital data



- ① Print N Code + Existing Form Layout on regular A4 paper
- ② Handwriting on paper with a smart pen
- ③ Digital pen's built-in camera recognizes what's written
- ④ Recognized creation is stored in smart pen memory
- ⑤ Send saved in your smart pen to your PC or smartphone via USB or Bluetooth
- ⑥ Transmutation of transmitted content into digital images and text data

Enterprise Solution

DigiDox Solution is applied and utilized in a variety of tasks in a variety of industries.

Medical Sector



Financial Sector



Public Sector



Manufacturing Sector



Distribution Sector

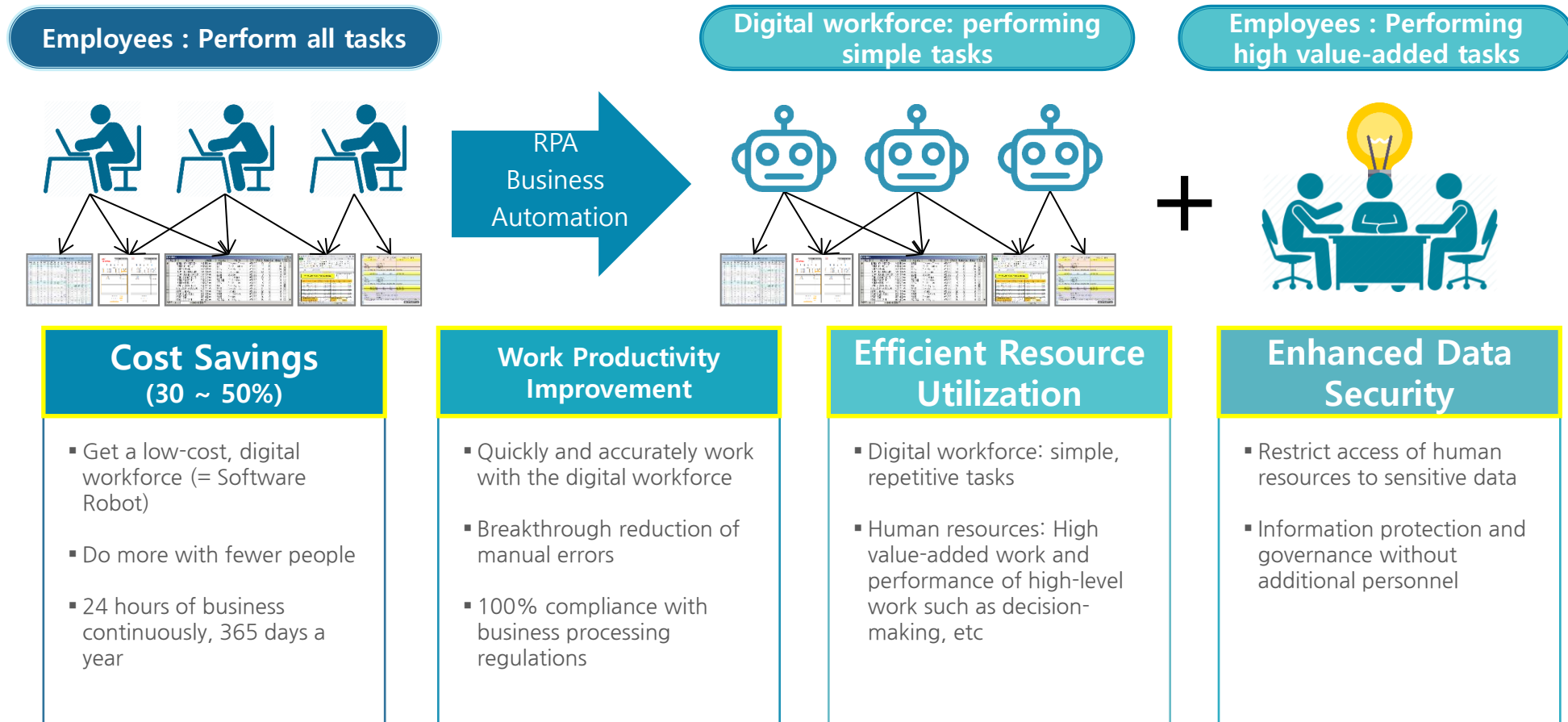


Logistics Sector



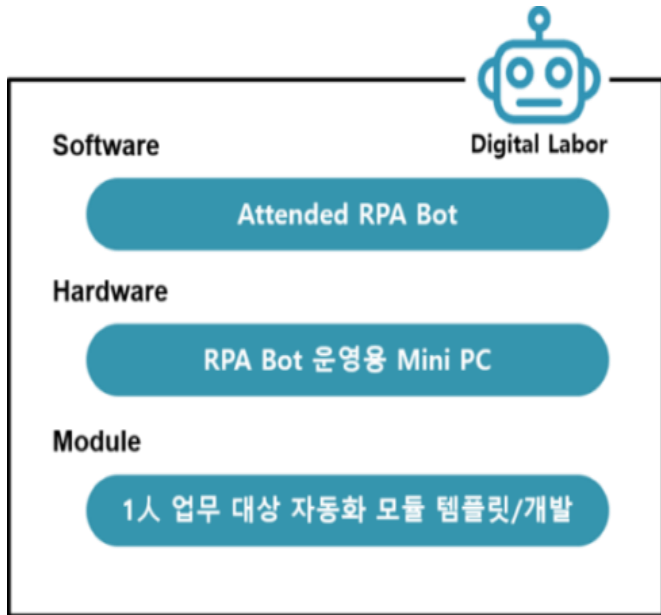
AI/RPA Platform

DigiEye service provides an environment where simple, rule-based, repetitive tasks are handled by automation services and employees can perform higher value-added tasks



AI/RPA Platform

DigiEye services provide human-like weekly/monthly services to automate tasks without the burden of initial RPA deployment



월별 과금*
(정액제)



작업자
업무 자동화

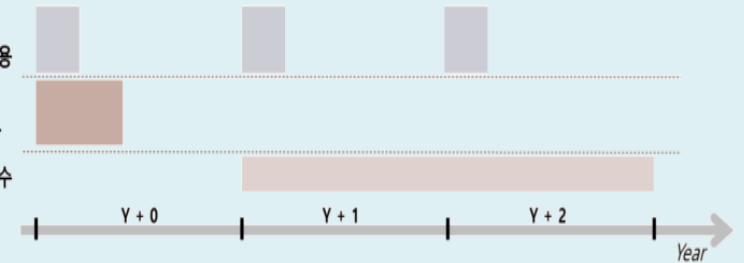
기존 RPA 구축 방식

도입시: RPA 라이선스+개발비
운영시: RPA 라이선스+유지보수
비용발생

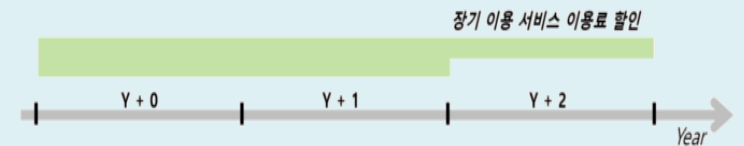
Digital Labor 파견 방식

단위 업무당 월사용료 과금
비용발생

RPA
라이선스 비용
업무 선정
및 개발 비용
년간 유지보수



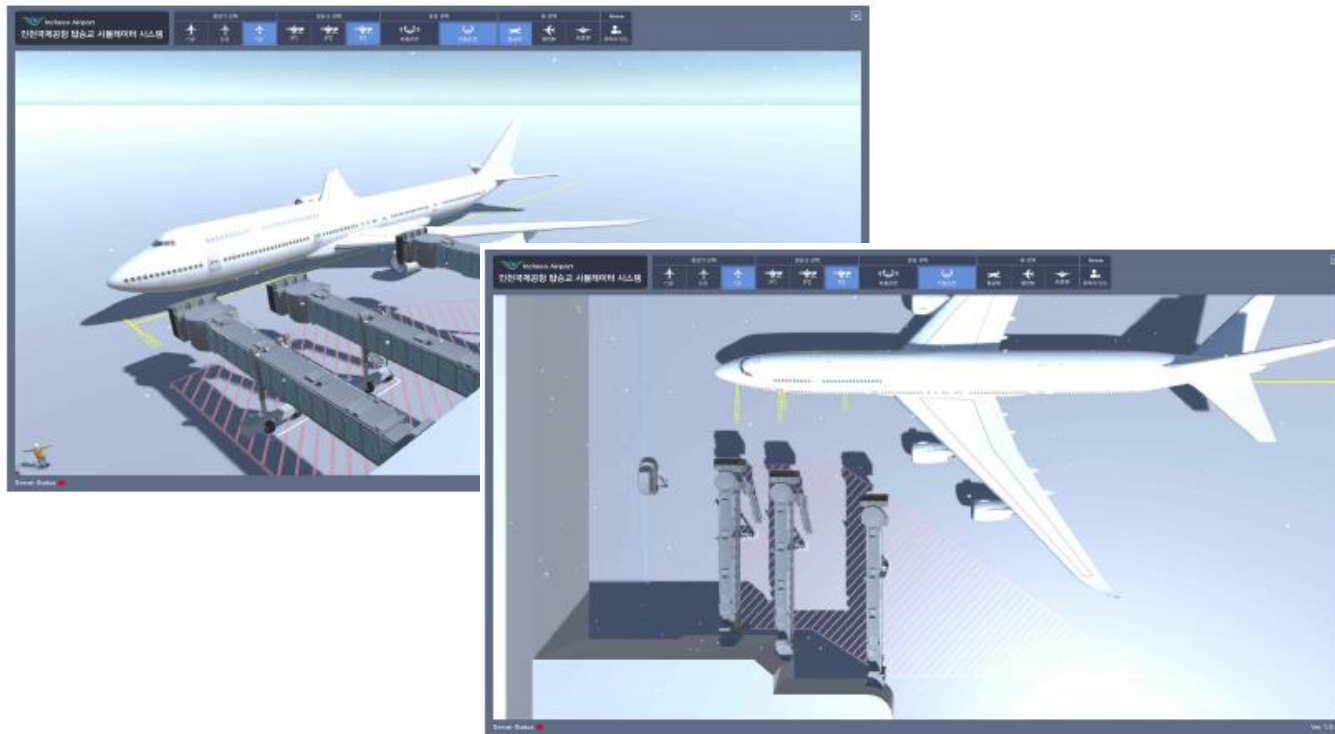
월 서비스
이용료



System Integration

Self-driving (dynamic simulation)

Establishment of Incheon International Airport boarding dynamic simulation using autonomous driving technology to provide autonomous driving and remote control/control foundation for boarding bridge

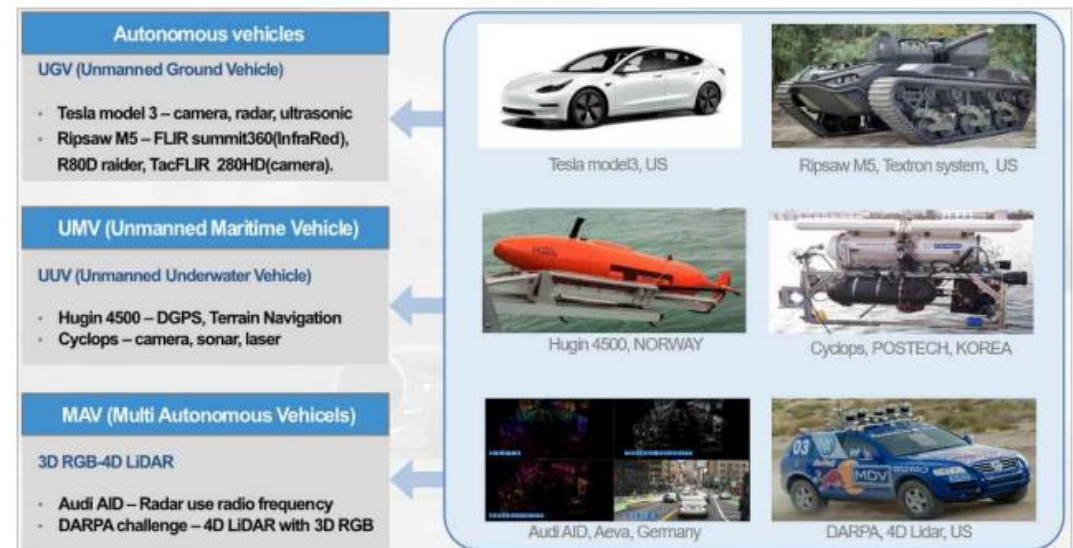
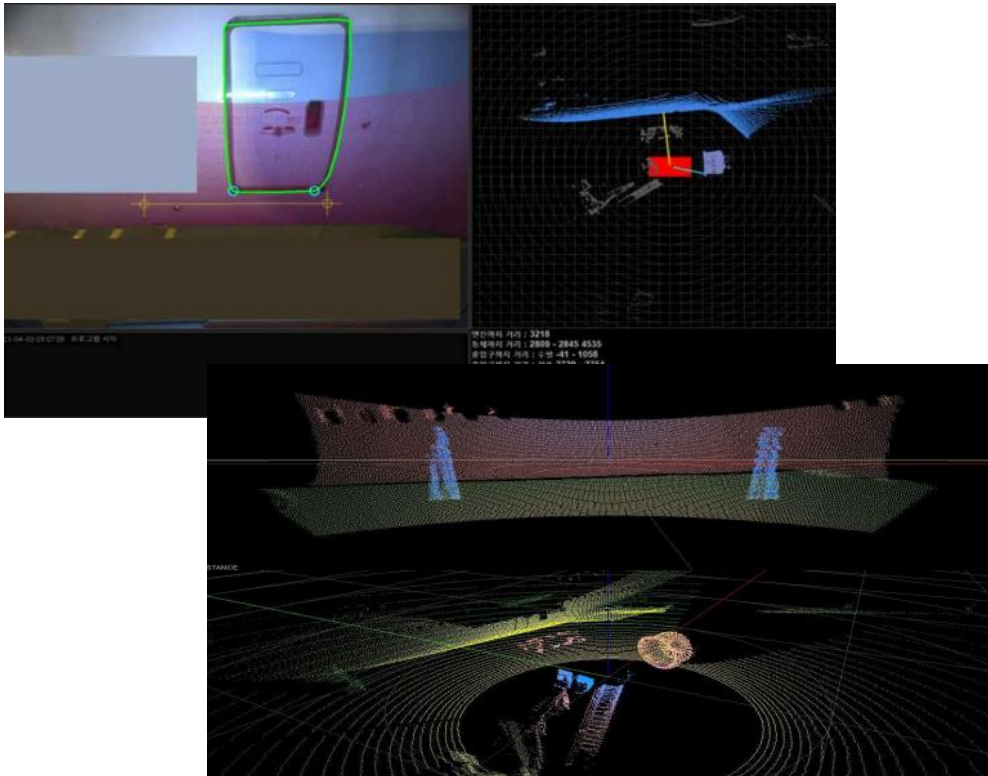


1. Manage access by user permissions
2. Select by aircraft type
3. Boarding bridge selection
4. Manual mode of operation
5. Automatic operation mode
6. View Selection: Aviation View/Front View/Side View
7. Set Simulation Line Value

System Integration

Multi-sensor data fusion

Multi-sensor fusion processing technology collects 3D recognition data of aircraft and surrounding operating equipment at airports through LiDAR/camera sensor information, and uses AI analysis technology to process interface fusion between sensor systems and analysis processing system using Vision technology



System Integration

SHE

SHE (Safety, Health, and Environmental Solutions) improves work efficiency by integrating and managing corporate safety, health, and environmental data, Infrastructure solutions that enable enterprise proactive response by establishing a comprehensive compliance framework



Strengthening legal standards

- Increased management costs due to strengthening legal standards such as the Central Punishment Act and increasing the level of punishment
- Increasing demand for social compensation for accidents and increasing the level of corporate responsibility
- Strengthen corporate social ethical standards/role

Process enhancement

- Systematic management of inspection and licensing activities
- Establishment of Integrated Disaster Prevention Monitoring and Response System
- Maximize efficiency through unit business linkage

Support for DX transition to safety and health environment

- Standardization and Systemization of Safety and Health Environment Work
- Effective risk management with statistics and history management

메인화면/Dashboard			
무재해 현황	개선요청 및 조치현황	공사 및 작업허가서	작업허가서 현황
일일작업현황	공지사항	입법예고법규	나의 일정 관리

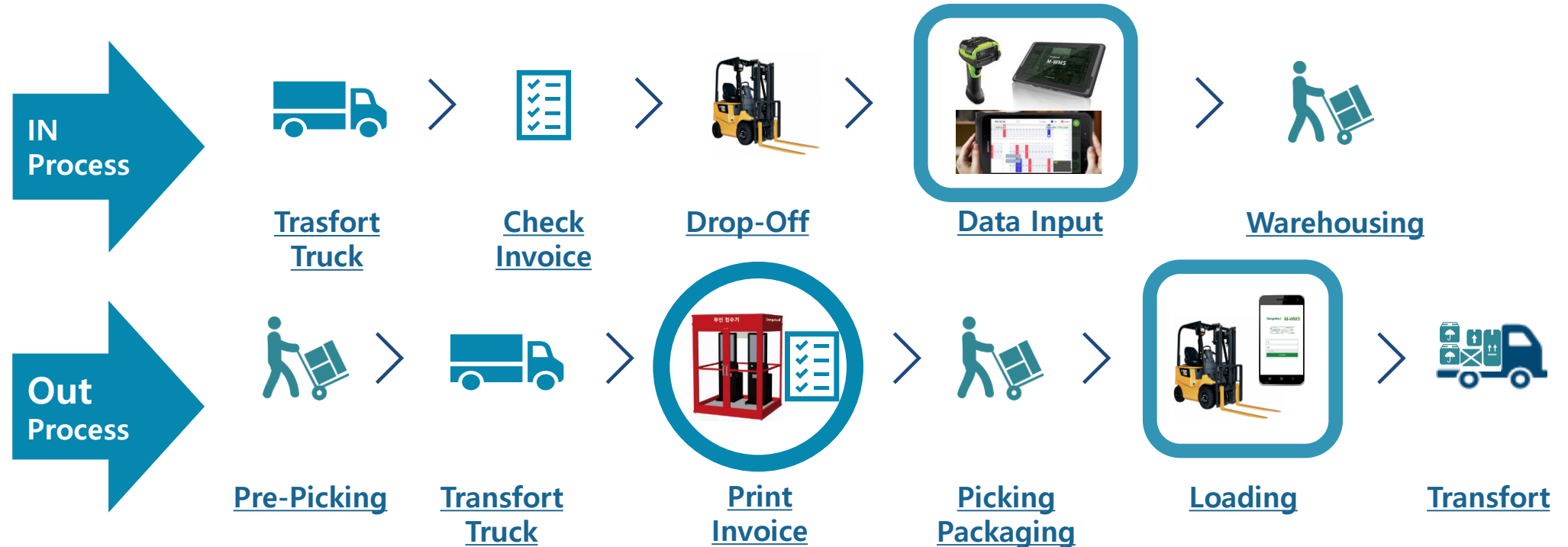
SHE 포털			모바일 포털	협력업체 포털
SHE 경영 관리	공사/작업허가서	안전 관리	교육문제풀이 안전점검 설비점검 아차사고 결재할 문서 작업허가서 순회결과	메인화면 작업허가서 교육현황 개선관리 경고 및 지적현황 자체점검 입력 협업체 게시판 업체정보
점검	변경관리	공정안전자료		
자체감사	위험성평가 관리	개선관리		
SHE 교육 관리	보건	환경		
화학물질	협력업체 관리			

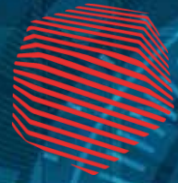
시스템 관리					
공지사항	메뉴 관리	권한 관리	사용자 관리	결제 관리	공용코드 관리
첨부파일 설정	알람 관리	로그관리	게시판 관리	배치 관리	

System Integration

WMS

WMS is a system that manages shipments, storage, pickings, packaging, and shipments occurring in distribution centers and warehouses, and provides efficient inventory management and warehouse management functions through functions such as location management, aging management, and first-in-first-out





DXTECH

Thank You