

# ITNJ Inc.

ITNJ INC. COMPANY INTRODUCTION

# COMPANY SUMMARY



<b>Comp. name</b>	ITNJ Inc.
<b>CEO</b>	WONJIN NAM
<b>Main Services</b>	System integration, ERP, MES, SCM, IT consulting, System maintenance Deep Learning Vision Inspection Solution, AI Solutions, Cloud Services
<b>Address</b>	5F, 99, Wangsaeng-ro, Nam-gu, Ulsan, Republic of Korea
<b>Homepage</b>	<a href="http://www.itnj.co.kr">www.itnj.co.kr</a>
<b>Main Phone</b>	+82) 1688-0720
<b>Email.</b>	<a href="mailto:itnj.inc@itnj.co.kr">itnj.inc@itnj.co.kr</a>

# Reference

- 2015**      Development of 'Wellfin' Employment Accident Insurance Service  
Building an intelligent home cloud platform based on the Internet of Things (R&D of the Small and Medium Business Administration)  
Development of an intelligent product defect detection solution based on machine learning technology (R&D of the Small and Medium Business Administration)
- 2016**      'Good Drive' App Launch - Ulsan City Bus Pilot Project (Driver Smartphone Control System)
- 2017**      Development of customized training content sharing and service launcher platform based on user big data  
Tablet Management Launcher Supplies Moni App Launch  
IAMSSAM Web LMS Launch
- 2018**      Rapdos - HYUNDAI-KIA MOTOR SCM SUPPLIER OPERATING SERVICES OF ABOUT  
Renzulli Edutainment Signs Exclusive Supply of Educational Tablet  
MUM Signs Exclusive Supply of English Education Tablet and Launcher Platform  
Iamssam (Integrated Management Solution) Launched  
Eschlan Tablet and Iamssam System Exclusive Supply Signed
- 2019**      Construction of Thermal Imaging Quality Inspection System for Sunroof Sealer Process  
Construction of Injection Products Degraded Product Quality Inspection System  
Establishment of Flatness Process Inspection Monitoring System  
A project to build a win-win smart factory in the automobile industry  
Establishment of Hardness and Relief Inspection System  
Deep Learning Based Wheel Disk Vision Inspection System  
Conceptual Principle Edu Tablet and Iamssam System Exclusive Supply Signed  
Establishment of a robot state prediction maintenance system based on big data AI  
AI demonstration business and AI supplier selection

# Reference

- 2020** Smart Factory MES Construction Project  
A350 DST Equipment Fire Detection System Based on Deep Learning in Korea Aerospace Industries  
Establishment of Thermal Imaging Quality Inspection System for Sunroof Sealer Process  
Industrial Innovation Movement\_Building Smart Factories for Small and Medium-sized Win-Win  
Establishment of Ele Media Advertising PlatformAI  
Empirical Research and Development - Facility Monitoring  
IAMSSAM Launcher & Moni Launches New Launch
- 2021** Smart Factory MES Construction Project  
Establishment of a video consultation platform for public institutions  
Establishment of Primer Application Inspection System Based on Deep Learning  
Rapdos Consumables Shopping Mall NJ MRO Launching
- 2022** Hyundai Autoway's Official Receipt RPA Launches BIGI Auto  
Nail Quotation Comparison App Launches NESSI  
Development and distribution of mobile program for label heterogeneous identification  
Establishment of eco-friendly plastic collection circulation platform
- 2023** Development of a packaging label verification program for automobile packaging companies  
Launch of transportation management system ANT FPMS  
Development of Artificial Intelligence Algorithm/System for Battery Cell  
LEAK Inspection of Electric Vehicle

# Reference

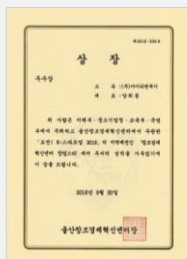
- 2024** Construction of defect detection system based on character recognition of Yura Corporation PCB  
Establishment of VR INTELLIGENCE worker behavior recognition-based process inspection system  
Establishment of VR INTELLIGENCE Dumbbell Bottle Plastic Inspection System  
Establishment of VR INTELLIGENCE Construction of a Recycling Classification Inspection System
- 2025** TAEHYUNG Smart Factory Project Hyundai IHL Logistics Management System Implementation Webasto Korea Primer Coating AI Vision Inspection System Implementation Daemyung CNS AI PoC (Proof of Concept) Project 2025 AI Technology Service Development Support Project
- 2026** Selected as a AI Lead Project for the 2026 Regional Digital Foundation Capacity Building Support Program

# Award/Certification/Patent

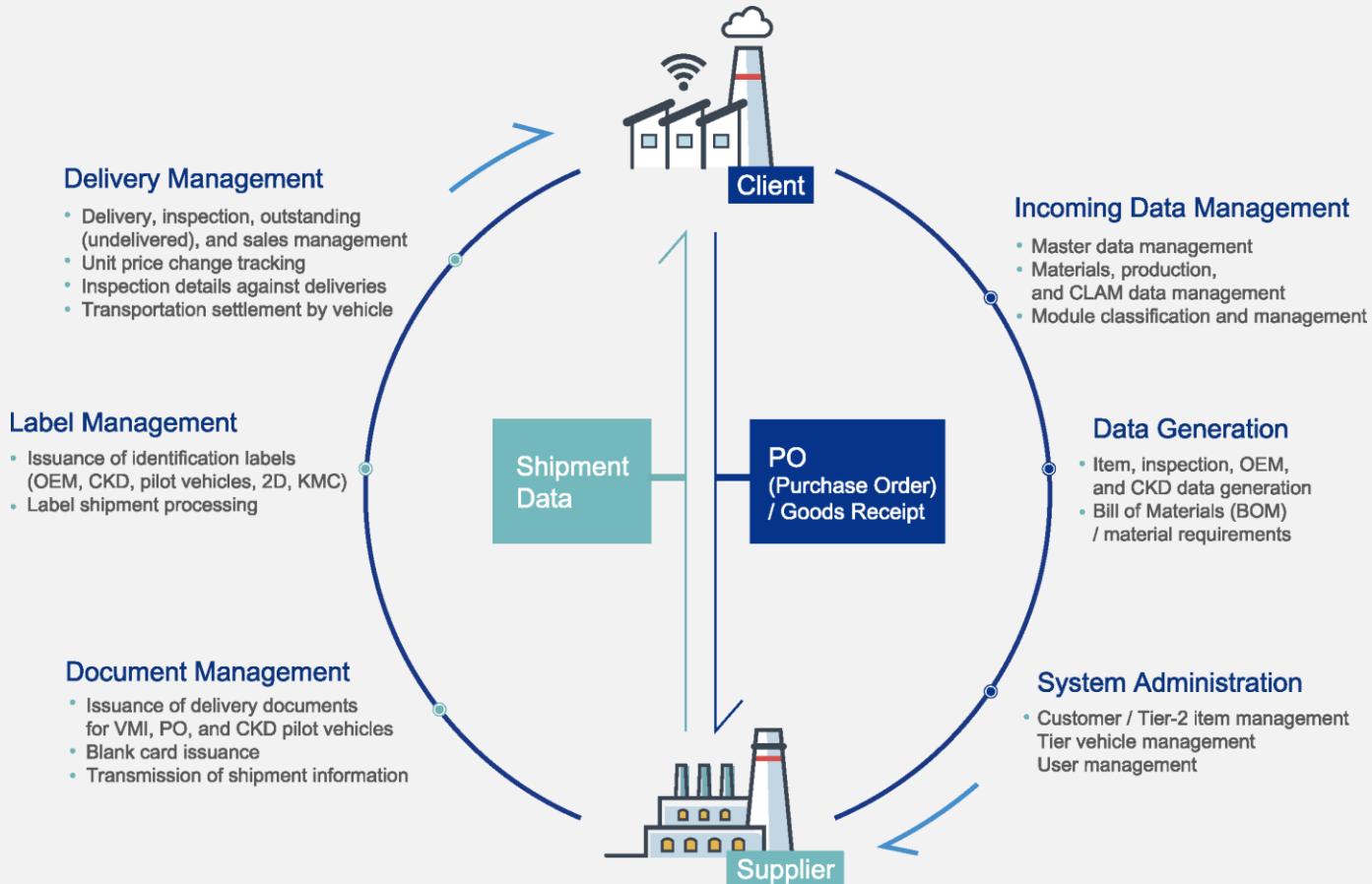
- 2015** Korea SW Quality Awards Award for Excellence in the Information and Communication Industry Promotion Agency  
Patent Application "Smart Security System"  
Patent application "blocking the use of smartphones while driving"  
Inoviz Corporation, ISO9001 Certification  
Patent registration of the quality verification system for components  
Patent registration of a product condition prediction device through data mining  
Acquired TMMi Level2 software quality certification for the first time in Korea  
Hyundai Autoever 5 Star Partner Certification  
Ulsan City Global Star Venture Certification
- 2016** 2 patent registrations (smart security system, blocking smartphone use while driving)  
ITNJ Venture Business Certification  
Ulsan Metropolitan City won the Grand Prize for App Development Service Challenge! K-Startup 2016 Excellence Award (Creative Economy Innovation Center)  
Awarded the UTP Director's Commendation Award  
Ulsan Public Data Utilization Startup Competition Grand Prize (Ulsan Metropolitan City Mayor Award)  
Ulsan City's Angel Investment Matching Fund was selected as the No. 1 company  
Ulsan Techno Park Director Award Winning plaque
- 2017** Patent Application: "Design Utility Model" Registered Vendor Certification on KONEPS (Korea ON-line E-Procurement System)
- 2018** Designated as a Promising Knowledge Service Company (2018)  
Commendation from the Minister of SMEs and Startups (Contribution to Startup Promotion)
- 2019** Certified as a Corporate R&D Center / Establishment of AI Research Institute Patent Registration: "Tablet-Integrated Stand" Designated as a Promising Knowledge Service Company in Ulsan Selected as an Excellent Job Creation Company

# Award/Certification/Patent

- 2020** Winner of Smart Factory Award (Corporate Innovation Award in Process Monitoring Solution)
- 2021** Minister of SMEs and Startups Commendation (Entrepreneurial Innovation)
- 2023** Winner of 2023 Ulsan Public Data Utilization Startup Competition (Excellence Award in Product and Service Development)  
Honored with the Innovative Tech Showcase Award provided by the M360 APAC 2023.
- 2024** Selected as a Global IP Star Company
- 2025** Registered Visual Design for Information Display Applications
- 2026** Acquired International Certification in Industrial AI



## Web-based supply chain management system



### • Why Choose Bizable-R

1 A web-based Supply Chain Management (SCM) system specialized for the automotive industry

2 Real-time SCM management from shipment to order placement and goods receipt

3 Automated generation and management of delivery documents and part identification labels using OEM production and material data

# Solutions MES/ERP



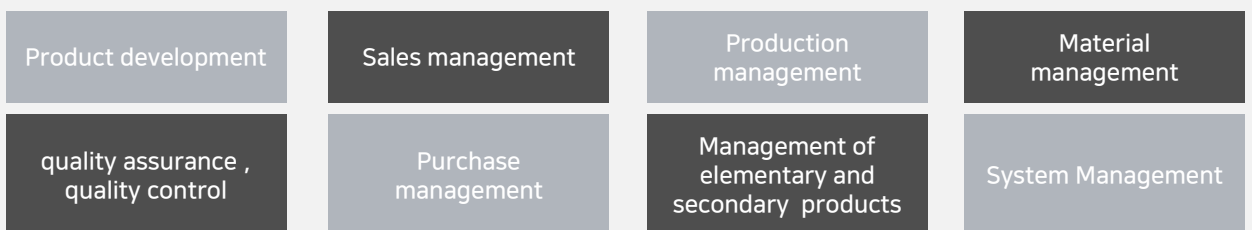
MES & ERP optimized for the automobile industry



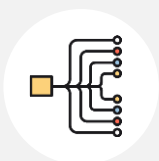
## MES & ERP Optimized for Automotive Industry

It is an integrated solution specialized in the finished car parts industry with a comprehensive system that supports supply chain management between parent and partner companies and computerization, informatization, and knowledge of tangible and intangible assets of companies.

## System Configuration



## Features



Built-in delivery instruction system for finished cars, reflecting work immediately



Optimized for parts industry core operations



Support for rapid Response system by sharing inventory information



Reflects incoming and outgoing using RFID and barcode

# Solutions AI Deep learning



## Thermal Image Quality Management System



### Thermal Image Quality Management System

By collecting thermal image data of process products and analyzing the distribution and pattern of defect influencing factors, ICT-based real-time defect detection and tracking integrated quality control information

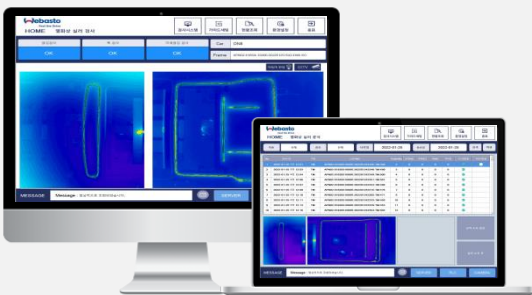
It is an integrated quality control solution for real-time parts manufacturing process that enables Zero Defects of production process.

### Reference

#### Thermal Imaging Quality Inspection of Sealant Application

Infrared (IR) cameras and visible light (VIS)

Determination of Combination Based on Deep Learning Using Image and Temperature Data of Camera



Real-time quality control



Defect detection



a joint fire panel

# Solutions AI Deep learning



## Vision Inspection System



### Vision Inspection System

It is an AI-based image processing/analysis solution that provides the ability to automatically analyze objects after detecting and recognizing image.

It can be expanded to various services such as security, safety, and quality control that protect industrial sites.

## Reference



### Primer Application Quality Inspection

An intelligent inspection system that leverages deep learning vision technology to analyze micro-defects in manual primer application (such as discontinuities and width deviations) in real time, enabling precise pass/fail judgment.



### Fire Detection System

Real-time on-site images are collected to detect fires with deep learning technology



### Vehicle seat mold defect inspection solution

Detects defects and provides product quality information.

# Solutions AI Deep learning / RPA



## AI Deep Learning Training Solutions

### Solutions for Deep Learning Education

Even if you are not an AI developer, it is a solution for AI deep learning education that can easily learn models and produce results in industrial sites without a separate running cover.



## Sound-based equipment preservation system

### Sound-based equipment preservation system

Using sound sensors, deep learning analysis monitors equipment operation, facility life, quality and defects of the product.

It builds and operates a platform that can monitor various facilities in combination.

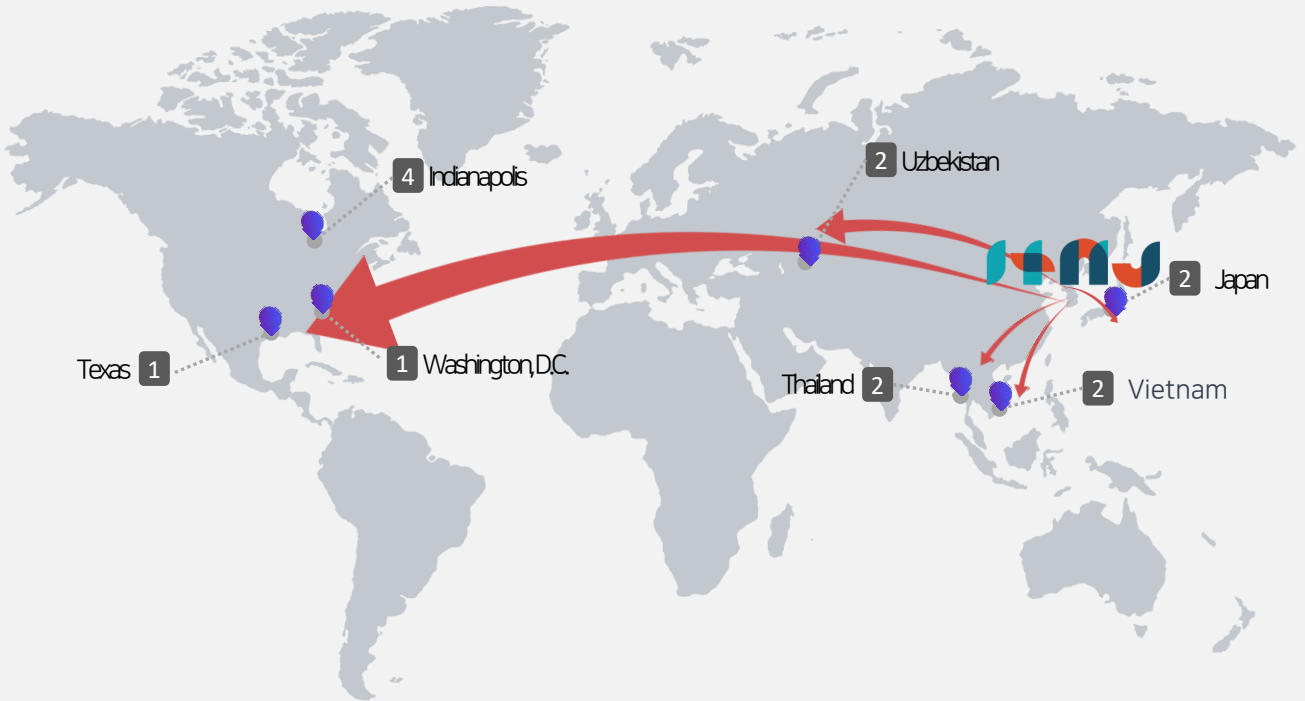
# Customers

We serve customer value beyond customer satisfaction.

Since its inception, ITNJ has grown to be a leader in corporate solution development with constant effort and outstanding technology. Connect technology and customers with a systematic solution with the attitude of first thinking and solving their problems. ITNJ Co., Ltd. will provide customer value beyond customer satisfaction through technology development that embodies understanding and consideration for customers.



# Global Partners



We overcome limitations and create unprecedented value in the world with global partners.


# Note

# Thank you

We serve customer value beyond customer satisfaction