ITNJ Inc.

ITNJ INC. COMPANY INTRODUCTION

ITNJ Inc.

COMPANY SUMMARY

Comp. name	ITNJ Inc.
CEO	HEEJONG YANG
Main Service	System integration, ERP, MES, SCM, IT consulting, System maintenance Deep Learning Vision Inspection Solution, AI Solutions, Cloud Services
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History

2015   Establishment of a corporation

2016   Establishment of a research institute affiliated with a company

2019   ITNJ – Purdue University signed a letter of intent to cooperate

Participate in Smart Factory Conferences & Expo in Busan, Ulsan, and Gyeongnam

ITNJ - IT STAR M&A M&A

Uzbekistan Ministry of Education signed MOU to supply education launcher platform

2020   Participate in 2020 Busan, Ulsan, Gyeongnam Smart Factory Conference & Expo

US Startup Maijker Signs MOU for Technology Exchange

2021   Participate in 2021 Busan, Ulsan, Gyeongnam Smart Factory Conference & Expo

Participating in the 2021 KOAA SHOW

2021 Innovation Growth Tour Participates in Win-Win Cooperation Purchase Consultation for Large and Small Businesses

2022   Germany's Minfen AUTOMATICA 2022 Participants

Participated in the MSEC NAMRC Conference at Purdue University in the United States.S

MOU signed with TAMS, a startup specializing in monitoring AI-based facilities in the U.S

Ulsan-type Enterprise Innovation Startup Promotion Platform 'Platform Next U' Anchor Company

Participating in the 2022 SME Convergence Competition

Attending the 2022 Korea-Japan IT Entrepreneurs Exchange Conference

2022 Korea-U.S. Industrial Technology Cooperation Forum – Speakers in Smart Manufacturing

Vietnam TTC SOLUTIONS Technology Sharing Agreement Signed MOU

2023   Signed an MOU with a company specializing in automation of VRI COMPANY LIMITED in Thailand

Preparing to enter the US market through 2023 US Select USA participation

Participate in a meeting with PMU-C companies in Thailand (Born2Global Centre)

NDA Signed With Japanese IT Company Mebius Corporation

2023 GSMA M360 APAC Participation

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"

Nara Market Registration Certification

2018   2018 Knowledge Service Small and Medium Business Designation Letter

Minister of SMEs and Startups Award (Enhancing Entrepreneurship)

2019   Acknowledgement of the R&D mission department establishes an AI research institute

Patent registration "Tablet built-in cradle"

Designation of Ulsan Knowledge Service Small and Medium Businesses and Selection of Excellent Job Creation Companies

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 DX Acceleration Summit M360 APAC 2023 (Innovative Tech Showcase Award Artificial Intelligence/Machine Learning)

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

2020   Smart Factory MRP Construction Project

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

Construction of Data Collection System for HPF Process Evaluation System of Siline Mosa

IAMSSAM Launcher & Moni Launches New Launch

2021   Smart Factory MES Construction Project

Establishment of a video consultation platform for public institutions

Data Infrastructure Construction AI Solution Demonstration Support Project

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

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

4 Indianapolis
2 Uzbekistan
1500+ South Korea
2 Japan
1 Washington, D.C.
1 Texas
Thailand 2
2 Vietnam

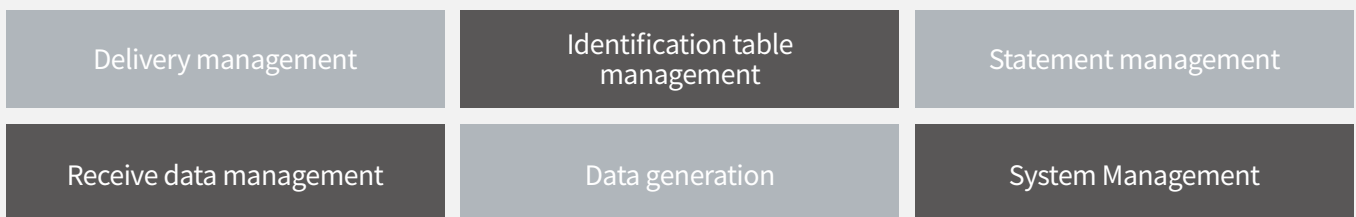# Solutions SCM

Bizable R

Web-based supply chain management system

Specialized web-based supply chain management systems for the automotive industry

This system provides real-time order/delivery/inventory information for small and medium-sized suppliers to deliver based on customer order information.

System Configuration

Delivery management	Identification table management	Statement management
Receive data management	Data generation	System Management

Features

shipping information Real-time transmission	Through Data Interworking Check real-time order/receiving information	with legacy systems interlock	Connections between multiple companies such as 1st and 2nd Payment (direct payment) is possible through

Solutions MES/ERP

Bizable Ⓐ

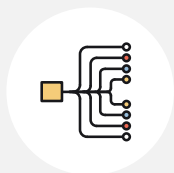**MES & ERP optimized for the automobile industry**

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

Product development	Sales management	Production management	Material management
Quality assurance, Quality control	Purchase management	Management of elementary and secondary products	System Management

Features

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

Optimized for parts industry core operation

Support for rapid Response system by sharing inventory information

Reflects incoming and outgoing using RFID and barcode

Solutions RPA

BiGi RPA
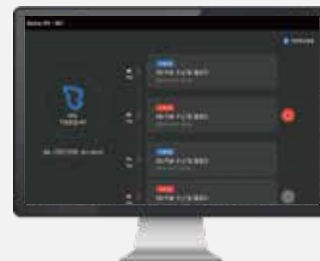
Web-based supply chain management system

Big Intelligent Robotic Process Automation Services

RPA is a "Work Smart" focused service to reduce simple tasks and create more high value-added tasks Robots and algorithms replace simple repetitive tasks.

BiGi Auto.

BIGI-Auto
Hyundai Motor's 'Autoway'
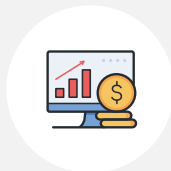Official Receipt RPA Service

BiGi Rap.

BIGI-Rap
HMG automatic data reception
RPA Services

Features

Reduced
work delays

Productivity
improvement

Prevention of
work omission
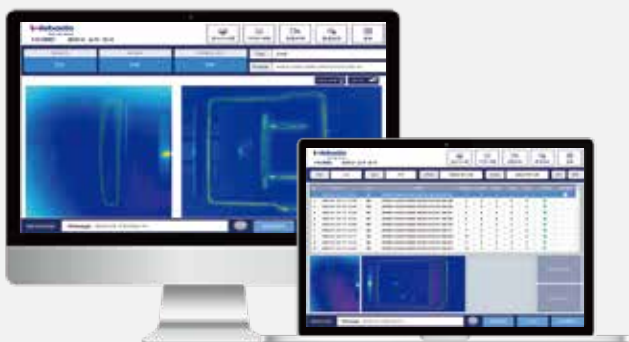
Custom Solution
Services

Solutions AI Deep Learning

BigBrain T

Web-based supply chain 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

Primer application thermal image quality inspection

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

BigBrain V

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

Wheel Disk Quality Inspection

Defects in automotive wheel disc products
Whether or not (struck, gombo, scratch)
Detect and type.

Fire Detection

Collect real-time footage of the scene
Detect fire with deep learning technology
I'll let you know in advance.

Vehicle seat mold defect inspection

In the vehicle seat production process
Image of the product collected in real time
Apply deep learning to detect defects.

Solutions AI Deep Learning

BigBrain E

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.

BigBrain S

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.

Solutions Automation

Automation System

Automation System

Assembly system

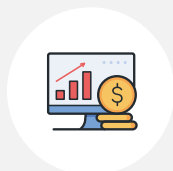**Palletizing System**

Automation System

Automated production lines can increase factory productivity and profitability.
To ensure control of product quality, automation is one of the advantages of replacing and reducing workers' work.

Features

Worker safety

Cost reduction

Production efficiency

Quality control

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