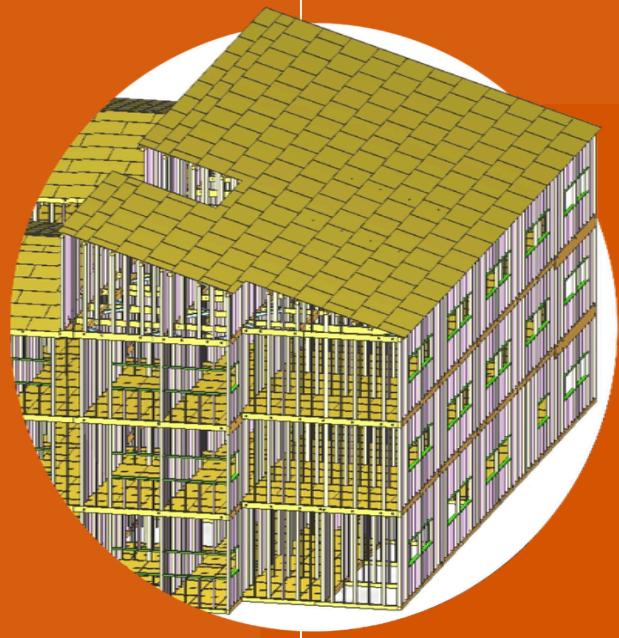
SON THANH

SON THANH DESIGN JSC



Company Profile

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Message from the CEO



Since our founding in 2006, Son Thanh has been guided by a clear commitment: to take responsibility for the quality of our work and provide accurate data that enables our clients' teams to work efficiently.

We have grown from a drafting service provider into a technical partner supporting projects of increasing complexity and scale. Our work helps clients meet demanding requirements for accuracy, consistency, and delivery.

We provide engineering and architectural design data that supports our clients' design and production workflows, with the capacity to adapt as their needs grow.

Integrity, accountability, and business ethics are central to our approach. These principles have helped us build long-term partnerships in Japan and South Korea, particularly in detached timber housing and high-rise construction.

As we expand internationally, we remain committed to developing the skills and reputation of Vietnamese engineers. We measure our success by the reliability of our services and the lasting value we bring to our clients.

We look forward to building on these partnerships and working with you on the projects ahead.

Nguyen Thu Thanh
Chief Executive Officer and Co-founder

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VISION FOR 2031

From Vietnam to the World

We aspire to become a leading strategic partner for architectural design data in markets with demanding quality standards, including Japan, South Korea, and the United States.

- **Market Position**
  We aim to achieve a market share of at least 30% in architectural design data services for Japan's detached timber housing market.
- **Operational Capabilities**
  We aim to build a team of 500 skilled professionals and train 100 of them to specialize in BIM and large-scale projects. We will also strengthen our technical expertise and project delivery capabilities to meet international standards.
- **Brand Value**
  We aim to be recognized internationally for our technical expertise, quality, and reliability, with clients choosing us for the value our services bring to their projects, rather than for low outsourcing costs.

MISSION

Accuracy That Earns Trust

Three priorities guide every deliverable: **Accuracy, Consistency, Timeliness.**

Purpose: We provide data processing services for large-scale projects, helping clients shorten lead times, reduce errors, and improve efficiency throughout design and production.

Work Ethic: We take responsibility for every task and deliver results that help our clients' teams work accurately and efficiently.

Value Creation: We build lasting value through trust, ethical business practices, and sustainable growth with clients, employees, and shareholders. We also help strengthen the international reputation of Vietnamese engineers and technical services.

CORE VALUES

Engineering Trust, Building Together

Our five core values guide our work and partnerships. They reflect a commitment to accurate, consistent, and timely data and to our clients' long-term interests.

- **Reliability in Every Deliverable**
  Consistent quality, accurate data, and dependable turnaround times help clients plan with confidence.
- **Understanding Our Clients' Workflows**
  Understanding each client's requirements, workflows, and objectives enables proactive support and improves operational efficiency.
- **Continuous Improvement**
  We continually develop our expertise, refine our processes, and use technology to reduce errors, save time, and lower costs.
- **Commitment to Long-Term Partnerships**
  Partnerships are built on trust, transparency, and accountability. Challenges are addressed openly, with clients involved in finding solutions.
- **Growing Together**
  We invest in people, technology, and operations to support our clients' long-term success.

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Company Information

138,000+ Design tasks completed in 2026

200+ Clients served

99.5% Projects delivered on schedule

<1.5% Error rate (based on internal statistics)



Company Name
SON THANH DESIGN JOINT STOCK COMPANY

Address
Waseco Building, Block B,
Room 801 (8F) and Room 1002 (10F),
10 Pho Quang, Tan Son Hoa Ward,
Ho Chi Minh City, Vietnam

Company Leadership:
Chairman: Hidetoshi Nagata
Chief Executive Officer: Nguyen Thu Thanh
Board of Director: Akira Nagata

Date of Establishment:
December 13, 2006
(as Son Thanh Limited Company)

Employees: 300+
(including 290+ design professionals)

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Company Information

SON THANH DESIGN JOINT STOCK COMPANY

Ho Chi Minh City Headquarters
Waseco Building, Block B,
Room 801 (8F) and Room 1002 (10F),
10 Pho Quang, Tan Son Hoa Ward,
Ho Chi Minh City, Vietnam

Member Company - Subsidiary Company
SON THANH CAD COMPANY LIMITED

Member Company - Affiliated Company
TAMA SON THANH VIETNAM JSC
(Joint Stock Company)

Representative Office in Japan
JPC Co., Ltd
(https://jpc-jpc.com)

Bao Loc Branch Office
Lot A7-10, KDC Nong Thon Moi Do Thi Xanh,
765 National Highway 20, Ward 3, Bao Loc,
Lam Dong, Vietnam

Quy Nhon Branch Office
5th Floor, Viettel Quy Nhon Building,
01 Dinh Bo Linh, Quy Nhon Ward,
Gia Lai, Vietnam

Vinh Long Branch Office
4th Floor, 22/11, Phuoc Hoa Industrial Zone,
Phu Quoi Commune, Vinh Long, Vietnam

Hue Branch Office
(Expected to be officially operational by June 2027)



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Company History

Key milestones and service development

2006 - 2016
Establishment and Business Foundations

2017 - 2020
Business Expansion

2021 - 2024
Strengthening Talent and Technical Capabilities

2025 - 2026
Corporate Development and Market Expansion

ALC: Autoclaved Lightweight aerated Concrete

2006
Established Son Thanh Limited Company.
Pre-cut data preparation for conventional timber post-and-beam housing using MPCAD.



2011
Launched services for building component design, gypsum board layouts, and steel ceiling framing layouts.

2012
New services: Pre-cut data preparation for conventional timber post-and-beam housing using XSTAR, and design data processing for exterior siding and architectural finishes.

2013
Pre-cut data preparation for traditional timber-frame housing using TOACAD.
Technical drawing services.

2014
Quantity takeoff and estimating services for construction materials.

2015
Launched the following services:
- Architectural drawing data processing
- Floor insulation layout and pre-cut data preparation
- Heavy steel frame data processing
- ALC panel layout data preparation

2016
Energy-efficiency calculations and rooftop solar power system design services.

2017
Floor framing layout services.
Established Tama Son Thanh Vietnam JSC (Member Company - Affiliated Company)

2018
Established JPC Co., Ltd.

Structural design data processing for 2x4 wood-frame construction.



2019
BIM data processing and administrative support services.
Opened the Bao Loc Branch Office.
Implemented an integrated enterprise management platform.

2020
Opened the Quy Nhon Branch Office.

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Company History

Key milestones and service development

2006 - 2016
Establishment and Business Foundations

2017 - 2020
Business Expansion

2021 - 2024
Strengthening Talent and Technical Capabilities

2025 - 2026
Organizational Restructuring and Market Expansion

2021

New services:

- Structural calculations
- Mechanical, electrical, and plumbing (MEP) design



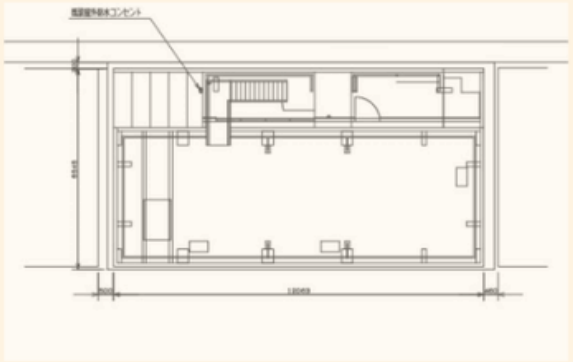
2023

Opened the Vinh Long Branch Office.

2024

New services:

- Floor-plan drafting
- Safety net layouts
- Wall-panel services



2025

New services:

- Foundation reinforcement drawings for detached houses
- Residential MEP quantity takeoff

Changed the company name to Son Thanh Design Joint Stock Company.



2026

Launched architectural visualization services, including advanced 3D rendering.

Acquired the business of CSL CAD Vietnam Company Limited, a specialist in data processing for 2x4 wood-frame construction. Operations continued through Son Thanh CAD Limited Company, a member company and subsidiary of Son Thanh.

Implemented the Son Thanh AI Platform (STAI) to improve internal operations and efficiency.



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Son Thanh's Strengths

Reliability in Every Deliverable

We aim to get things right the first time and minimize rework.

Multi-stage checks before delivery

Clear and consistent data

Consistent quality over time

Understanding Our Clients' Workflows

Understanding each client's existing workflows helps us tailor our support to their needs.

Understanding real-world workflows

Reducing back-and-forth communication

Proactive support for recurring tasks

Consistent Quality Through Standardized Processes

We follow established processes to maintain consistent quality without relying on any one individual.

Clear standards for each type of task

Cross-checking before delivery

Maintaining quality as workloads increase

Helping Clients Save Time and Reduce Costs

Our practical support helps make clients' operations easier and more efficient.

Predictable turnaround times

Minimizing downstream errors

Scalable capacity when workloads grow

Applying Technology to Our Work

We use tools and automation to improve speed and accuracy of our work.

Use of in-house tools

Gradual integration of AI into our workflows

BIM modeling and coordination services

Building Long-Term Client Relationships

We build lasting client relationships through reliable, ongoing support.

Learning and adapting to clients' ways of working

Supporting clients through changes and expansion

Maintaining consistency throughout the partnership

At Son Thanh, we focus on accuracy, consistency, and long-term value for our clients, rather than competing solely on price.

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Service Workflow

01 Project Request

Clients can submit requests through Weborder, our online order portal, or our sales team. Requests must include project files, drawings, specifications, and the requested delivery date. For a first project, we also require the client's master data.

02 Requirements Review

We review each request promptly with the client to confirm the scope, requirements, and any missing information

03 Quotation and Approval

We prepare a quotation based on our standard price list. Once the client approves it, we process the order.

04 Contract and Project Kick-off

Once we have agreed with the client on the terms, scope of work, and delivery schedule, we begin preparing the design data.

05 Data Preparation and Verification

Source files are converted into standardized working data.

When information is incomplete or requires verification, we request additional documents or clarification.

06 Drawing Production and Modeling

We prepare drawings and models in accordance with the agreed scope and specifications.

07 Quality Review

All drawings and data undergo rigorous quality checks to ensure accuracy before delivery to the client.

08 Delivery and Support

We deliver drawings, CAD data, and BIM data in accordance with the agreed requirements and delivery schedule.

Further support may include:

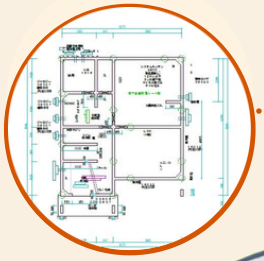
- Revisions
- Additional project phases
- Additional work to meet evolving project requirements

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Our Services



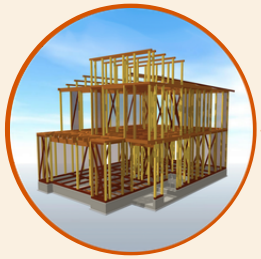
Energy-Efficiency Calculations



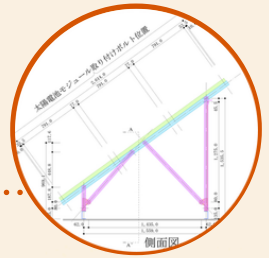
Architectural CAD Drafting



Auxiliary Component Detailing



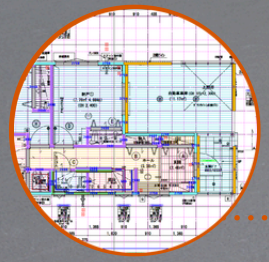
Structural Calculations



Construction Drawing Preparation



Residential MEP Quantity Takeoff



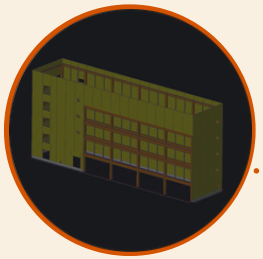
Construction Quantity Takeoff



Timber Frame Pre-Cut Data

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Our Services



ALC Panel Detailing



Construction Drawing Preparation

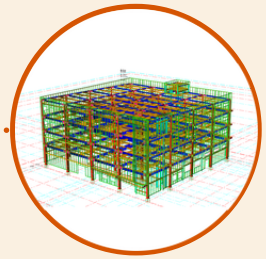


Scaffolding Drawings

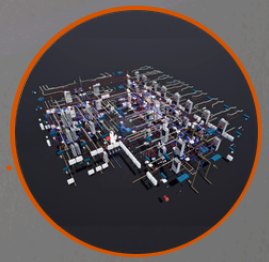
BIM Modeling



Steel Structure Detailing



MEP Drawings



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Our Services

CAD DRAFTING
BIM MODELING
VISUALIZATION & SUPPORT
BPO

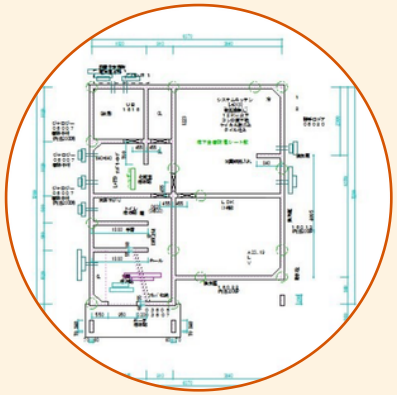
[01] CAD Drafting

Architectural CAD Drafting

We prepare architectural drawing sets for construction permit applications and the construction of residential buildings and low-rise apartment complexes.

Depending on client requirements, additional calculations based on construction standards and renderings of interiors, exteriors, and gardens can be provided separately or together.

Deliverables: Architectural CAD drawings and supporting calculation results. Drawing sets include floor plans, elevations, sections, and detailed plans. All deliverables are prepared in accordance with applicable Japanese architectural standards.



Timber Frame Pre-Cut Data

We prepare data for the machine processing of timber building components, including beams, columns, floorboards, and auxiliary materials. Applications include residential buildings, apartment buildings, and public works using timber structures.

Deliverables: CAD data, structural drawings, and instructions for machine processing. These are prepared using specialized software

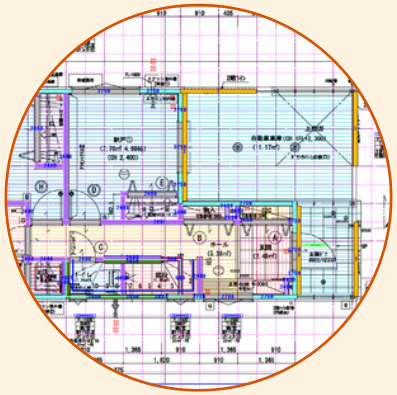


Construction Quantity Takeoff

We prepare material and equipment quantity takeoffs and cost estimates for buildings with timber, steel, or reinforced concrete structures. Applications include houses, apartment buildings, public buildings, and high-rise buildings.

Using specialized software or manual calculations, we prepare results in the client's required format, check the figures for errors, and provide supporting drawings

Deliverables: Material quantity reports, supporting calculations, and drawings illustrating the results.



Auxiliary Component Detailing

We prepare data for processing construction materials used in projects with timber, steel, or reinforced concrete structures. Applications include houses, apartment buildings, public works, and high-rise buildings.

Architectural and structural data are imported into specialized software to prepare material layouts and quantity reports. We calculate the required lengths and heights and compile lists of connecting materials. After checking the data and correcting any errors, we export the required drawings.

Deliverables: Material quantity reports and material layout drawings.



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Our Services

CAD DRAFTING
BIM MODELING
VISUALIZATION & SUPPORT
BPO

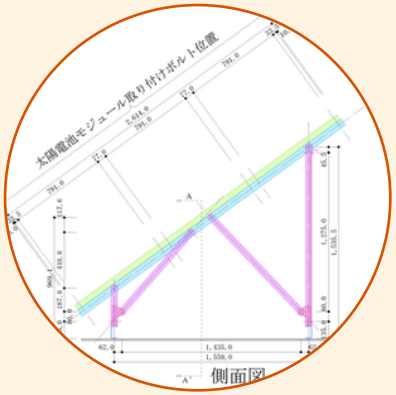
[01] CAD Drafting

Construction Drawing Preparation

We prepare construction drawings for lightweight structural systems in buildings with timber, steel, or reinforced concrete structures. Applications include houses, apartment buildings, public buildings, and high-rise buildings.

For detailed fabrication drawings, architectural and structural data are imported into 2D CAD software. We prepare material layouts, calculate the required lengths and heights, and compile lists of connecting materials. After checking the data and correcting any errors, we export the drawings

Deliverables: Material quantity reports, material layout drawings, and detailed fabrication drawings



Energy-Efficiency Calculations

We perform energy-efficiency calculations in accordance with applicable Japanese construction standards. The service covers buildings with timber, steel, or reinforced concrete structures, including houses, apartment buildings, and public buildings.

Using the project's architectural and structural data, we calculate building envelope performance and primary energy consumption. The results are checked for errors before the required detailed documentation is exported.

Deliverables: Calculation reports and supporting drawings.

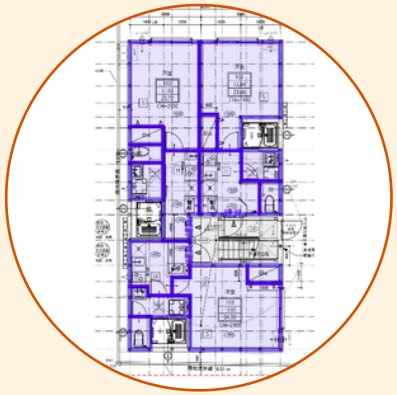


Equipment Layout and Calculations

We prepare equipment layouts and calculations for sanitary fixtures and interior fittings in buildings with timber, steel, or reinforced concrete structures. Applications include houses, apartment buildings, and public buildings.

Using specialized software, we plan equipment layouts and perform the required calculations. The results are checked and any errors are corrected before detailed documents for ordering and installation are exported

Deliverables: Calculation reports and equipment layout drawings.

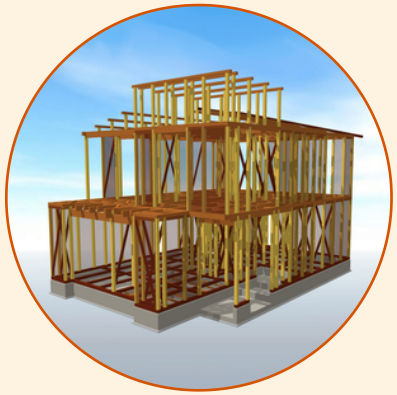


Structural Calculations

We calculate and verify the load-bearing capacity of structural systems in accordance with applicable Japanese construction standards. Applications include houses, apartment buildings, and public buildings.

Architectural data is imported into specialized software to calculate and verify the load-bearing capacity of structural members. We check the results and correct any errors before exporting the required detailed documentation.

Deliverables: Structural calculation reports, structural drawings, and supporting documents.



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Our Services

CAD DRAFTING
BIM MODELING
VISUALIZATION & SUPPORT
BPO

[01] CAD Drafting

Scaffolding Drawings

We prepare scaffolding layouts and load-bearing calculations for new construction and renovation projects involving high-rise buildings

Architectural and scaffolding data are imported into specialized software such as CWORKS. We prepare scaffolding layouts in accordance with applicable regulations and calculate load-bearing capacity. The data is checked and any errors are corrected before the required drawings are exported.

Deliverables: Floor plans, sections, and elevations (DXF, PDF), plus structural analysis files.



MEP Drawings

We prepare layout drawings for mechanical, electrical, and plumbing (MEP) systems, including air conditioning. Applications include houses, apartment buildings, and public buildings with timber, steel, or reinforced concrete structures.

Using REBRO, CADEWA, IJCAD, and other tools, we develop MEP layouts from architectural and structural information and perform clash detection.

Deliverables: Floor plans, sections, and elevations (DXF, PDF), plus a summary file.



ALC Panel Detailing

We prepare layout drawings of exterior ALC panel systems for steel and reinforced concrete high-rise buildings, including apartment buildings, nursing homes, and public buildings.

Architectural and structural data are imported into specialized software. We prepare ALC panel layouts in accordance with applicable regulations. The layouts are checked and any errors are corrected before the required drawings and material schedules are exported.

Deliverables: Floor plans, sections, and elevations (DXF, PDF), together with material schedules.

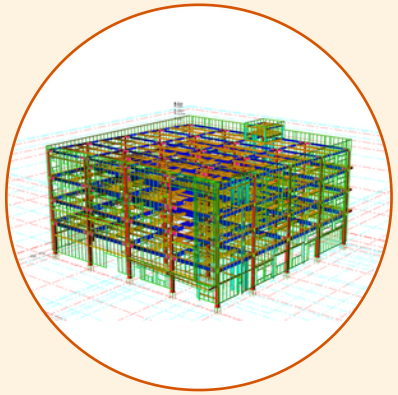


Steel Structure Detailing

We prepare fabrication drawings for steel structures in high-rise buildings, including apartment buildings and public buildings

Architectural data is imported into specialized software such as S/F REAL4. We lay out the steel structure in accordance with the client's drawings. The data is checked for errors before the required drawings and material schedules are exported.

Deliverables: Floor plans, sections, and elevations (DXF, PDF), together with material schedules.



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[02] BIM Modeling

BIM Modeling and Coordination

We provide building information modeling (BIM) services across architectural, structural, and MEP disciplines for projects including apartment buildings and public works.

Using Archicad and Revit, we develop architectural, structural, and MEP models, perform clash detection, and produce construction permit drawings and material lists.

Deliverables: BIM data; floor plans, sections, and elevations (DXF, PDF); and material quantity reports.



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Our Services

[03] Visualization & Support

CAD DRAFTING

BIM MODELING

VISUALIZATION & SUPPORT

BPO

3D Rendering

We create interior and exterior renderings for projects including houses, apartment buildings, and public buildings.

Using Twinmotion, we develop models containing the required project elements and produce interior and exterior renderings.

Deliverables: Renderings, CAD data, floor plans, and elevations.



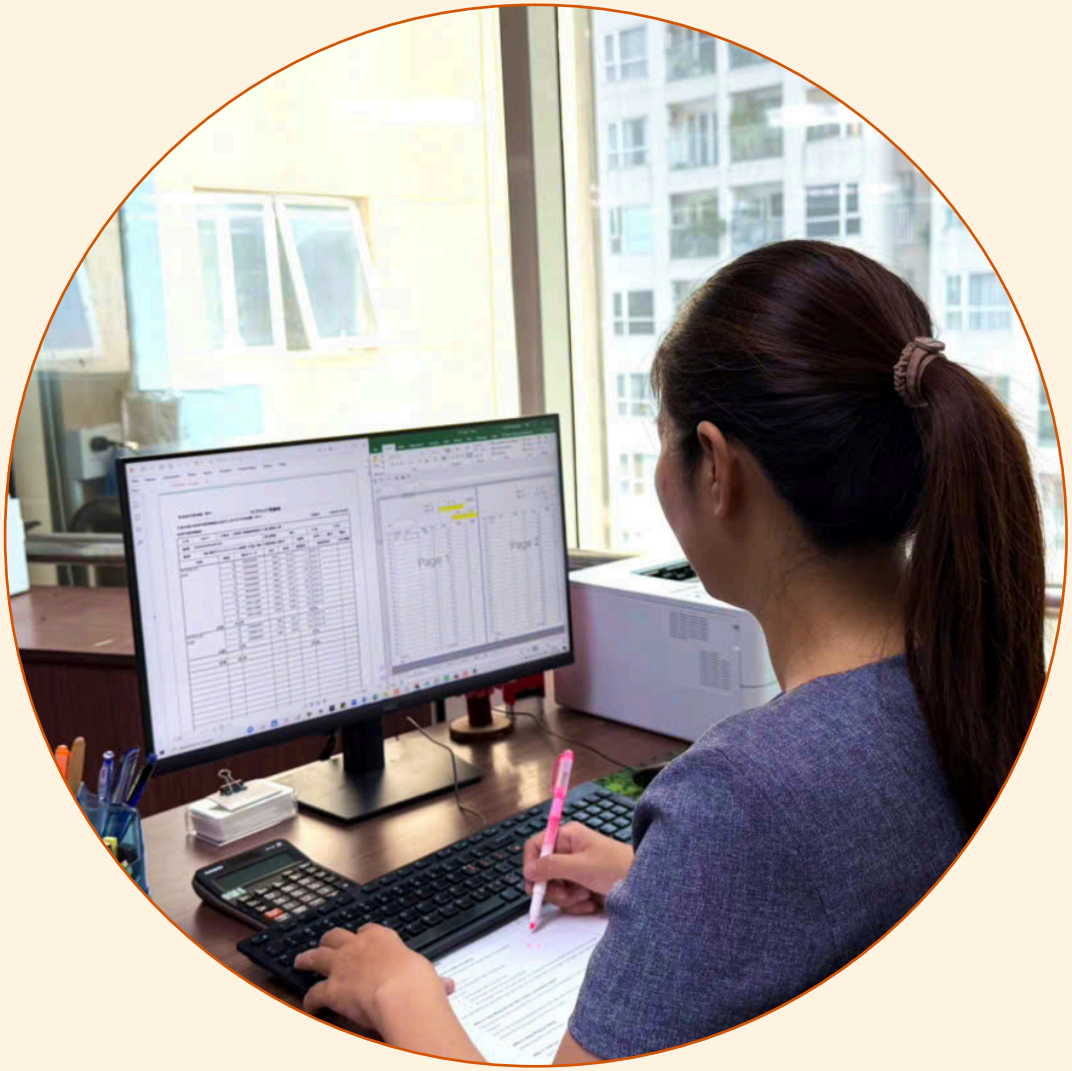
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[04] BPO

Business Process Outsourcing

We provide business process outsourcing (BPO) services to help clients maintain consistent, efficient day-to-day operations.

Our support includes processing invoices and supporting documents, handling correspondence, and providing general administration and other administrative assistance.



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Software List

Timber Framing

TOACAD	TOA Engineering
MPCAD	Miyagawa Koki
EAGLEX	NET EAGLE
Sakutto2x4	SHF
PS/5	Career Net
XSTAR	NET EAGLE

Architectural Design

ARCHITREND ZERO	Fukui Computer Architect
ALTASS	Computer System Technology
ALTA	Computer System Technology
WALK IN HOME	DTS

2D CAD

Jw_cad	Jiro Shimizu & Yoshifumi Tanaka
AutoCAD	AUTODESK
BricsCAD	BRICSYS
IJCAD	System Metrix

In-house Tools

Internally developed design applications

MEP

REBRO	NYK Systems
CADEWA	Yondenko

BIM

ARCHICAD	GRAPHISOFT
REVIT	AUTODESK

Steel Detailing

S/F REAL4	DATALOGIC

ALC Panels

@PANEL	Pixel

Structural Calculations

EAGLEX	NET EAGLE
MPCAD	Miyagawa Koki
HOUSE-ST1	KOZO SYSTEM
ARCHITREND ZERO	Fukui Computer Architect
KIZUKURI	Computer System Technology

Insulation

MPCAD	Miyagawa Koki

Wall Panels

NE-CAD	NET EAGLE

Building Materials

平兵衛くん	Sanyu
PBLD	Chiyoda Ute
坪拾い	Sanyu

Scaffolding

GLOOBLE	Fukui Computer Architect
CWORKS	CWORKS

Residential Equipment

Manufacturer-specific applications

Rendering / 3D Visualization

TWINMOTION	Epic Games

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SON THANH



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Contact Us

SON THANH DESIGN JOINT STOCK COMPANY

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