VŨ HẢI

VU HAI TECHNOLOGY APPLICATION., JSC.

COMPANY PROFILE

Technology solutions for import and export enterprises



LETTER FROM THE MANAGEMENT

Dear Valued Customers,

Every enterprise follows its own path of development. Along that path, technology can open up new ways of working: connecting processes, making better use of data and creating momentum for growth. For Vũ Hải, that journey begins with understanding practical needs and persistently building useful technology solutions for businesses.

VU HAI TECHNOLOGY APPLICATION., JSC. operates in information technology, focusing on research and development of software and solutions that support business operations. We believe a valuable product is defined both by what its software can do and by how well it fits the work and can continue to improve in use.

Vũ Hải hopes its solutions help organizations work proactively, collaborate more easily and devote more resources to growth. When technology is applied practically within each enterprise, the resulting value also contributes to a more connected and resilient business community.

Vũ Hải aims to build technology products developed by Vietnamese people, grounded in domestic practice and continually expanding to meet the needs of an increasingly connected business environment. We pursue this long-term direction with professional rigor, a willingness to learn and responsibility for the value we create.

We thank our valued customers and partners for placing their trust in us. We also welcome further opportunities to meet businesses and organizations and discuss their practical needs. We hope each connection, built on understanding and trust, creates meaningful and lasting value.

With sincere thanks,

MANAGEMENT OF VU HAI TECHNOLOGY APPLICATION., JSC.

Director
Nguyễn Thái Hòa



VŨ HẢI | TECHNOLOGY FOR BUSINESS



Technology begins with real needs

VU HAI TECHNOLOGY APPLICATION., JSC. is an information technology company focused on researching and developing software for business operations, with particular expertise in import and export.

VAN-Logistic is our core product, helping businesses manage export dossiers, allocate and track raw material consumption, and carry out Certificate of Origin (C/O) procedures. Based on practical needs, Vũ Hải continues to improve the product, develop tailored solutions and extend coordination across departments.

In September 2026, Vũ Hải began developing an AI Data Center to support VAN-Logistic and provide a foundation for gradually expanding applications and services for import and export enterprises.

AREAS OF DEVELOPMENT

VAN-Logistic	Core operational platform, including Commercial and Customize options.
ERP All-in-One	Cross-department management and coordination, scoped to each project.
AI applications	Support for document use, data processing and business tasks.
AI Data Center	Computing, storage and AI model deployment; resources provided as needed.

COMPANY INFORMATION

LEGAL NAME
VU HAI TECHNOLOGY APPLICATION., JSC.

ENTERPRISE / TAX ID
0108190282

FIRST REGISTRATION
19 March 2018

HEAD OFFICE
746 Minh Khai Street, Vinh Tuy Ward, Hanoi, Vietnam

REPRESENTATIVE
Director: Nguyễn Thái Hòa

Vũ Hải aims to build technology products developed by Vietnamese businesses, improved based on real business needs and designed to scale in an increasingly connected business environment.

OUR DEVELOPMENT JOURNEY

Beginning with technology services, Vũ Hải progressively developed software for business operations and built an ecosystem with VAN-Logistic at its core.

2018

- Established Nguyễn Vũ Hải Co., Ltd.
- Set a direction for developing software and technology for businesses.

2022

- Became VU HAI TECHNOLOGY APPLICATION., JSC.
- Developed the VAN-Logistic support software.
- Partnered with Hanel Communications JSC, a member of Hanel Group.

2023

- On 29 December 2023, the **Ministry of Industry and Trade** approved VAN-Logistic's connection to its electronic Certificate of Origin issuing system.
- Registered copyright for the VAN-Logistic support software.

2024

- On 21 October 2024, **VCCI** approved VAN-Logistic's connection to its Certificate of Origin issuing system.
- Signed a strategic cooperation agreement with eComDX Center, **Ministry of Industry and Trade.**

2025

- The **General Department of Taxation (Ministry of Finance)** confirmed Vũ Hải's eligibility, approved its connection to the electronic invoicing system, and authorized it to provide electronic invoicing services.

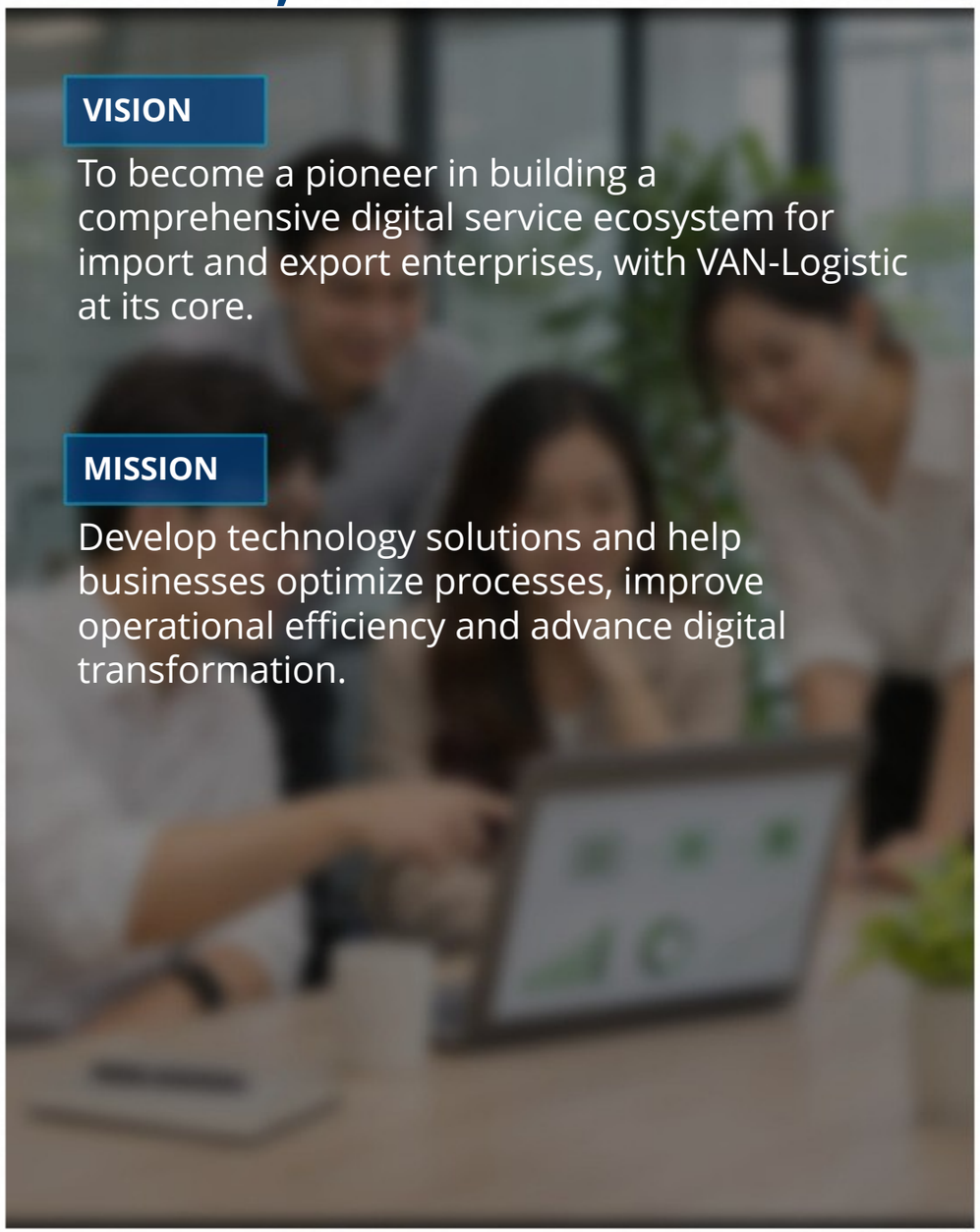
2026

Released VAN 2026 with major improvements. The software is evolving into a specialized tool for import and export operations.

FROM SEP 2026

Began developing an AI data center to support VAN-Logistic and provide the infrastructure for delivering AI solutions to businesses.

VISION, MISSION AND CORE VALUES



VISION

To become a pioneer in building a comprehensive digital service ecosystem for import and export enterprises, with VAN-Logistic at its core.

MISSION

Develop technology solutions and help businesses optimize processes, improve operational efficiency and advance digital transformation.

CORE VALUES

ACCURACY, TRANSPARENCY AND COMPLIANCE

Ensure accuracy in operations, transparency in all activities and strict compliance with applicable laws.

CUSTOMER-CENTRICITY

Every solution begins with customer needs and interests, aiming to deliver practical value.

CONTINUOUS INNOVATION

Continually improve products to meet customer needs, advance technology, upgrade services and anticipate international trade trends.

EFFICIENCY AND SUSTAINABILITY

Help businesses save time, reduce costs and streamline work, while building a practical digital ecosystem with long-term growth potential.

DEDICATION AND PARTNERSHIP

Be a trusted partner: listen to feedback, support customers as they use our solutions and stand alongside them as they address challenges on their journey.

VIETNAM'S IMPORT–EXPORT LANDSCAPE AND AI

Expanding trade, changing market requirements and advances in AI are creating new demands for managing dossiers, organizing data and operating businesses.



2025

USD 930.05 billion

Total merchandise imports and exports in 2025, up 12.8% from 2024. [1]

FIRST 9 MONTHS OF 2026

USD 888.02 billion

Total merchandise imports and exports in the first nine months of 2026, up 30.4% year on year. [2]

Trade and tariff volatility

Changes in trade policy and origin rules require closer management of dossiers, data and supply chains.

Adaptable supply chains

Volatility in supply, transport and delivery schedules requires proactive coordination and greater adaptability.

Rising market standards

Origin, traceability and sustainability requirements call for centralized data and systematic recordkeeping.

AI expands how businesses process and use information

AI creates opportunities to support search, data analysis and process automation through approaches suited to actual needs.

Organizing data and standardizing processes supports current management needs and creates a foundation for the gradual use of AI to improve operations.

The figures refer to different statistical periods. Sources: [1] Statistics Office, Report on the socio-economic situation in Q4 and 2025; [2] Statistics Office, Report on Q3 and the first nine months of 2026; WTO, World Trade Report 2025; OECD, AI adoption by small and medium-sized enterprises (2025).

BUSINESS MANAGEMENT NEEDS

Import and export businesses need to connect dossiers, materials and work across departments, while maintaining data that can be used throughout operations.

Organized dossiers, easy reconciliation

Centralize declarations, invoices, material documents and export dossiers; link information for search, review and provision when needed.

End-to-end material tracking

Manage material sources, Bills of Materials (BOMs), consumption and balances to reconcile data, monitor material availability and address shortages.



Clear responsibility and coordination

Share data by access rights, assign responsibility and track progress; reduce repeated entry and discrepancies between departments.

Solutions suited to each business

Address differences in processes, products, customers, material allocation and reporting, with scope to connect and expand as needs change.

FOUNDATION FOR AI APPLICATIONS

Standardized, current and appropriately accessible data supports the gradual use of AI for document search, document processing and operational assistance. Deployment should fit the company’s scale, security requirements and resources.

THE VŨ HẢI SOLUTION ECOSYSTEM

VAN-Logistic is the core, connecting operations, partners and customers as the ecosystem expands.

ERP ALL-IN-ONE

Supports cross-department coordination and connects data and management information within each project's scope.

BY PROJECT

VAN-LOGISTIC

ECOSYSTEM CORE

Export dossier management
Raw material allocation and consumption tracking
C/O procedures

COMMERCIAL
Standard processes

CUSTOMIZE
Tailored to specific needs

BY PROJECT

AI APPLICATIONS

Supports knowledge search, document processing, data use and AI integration according to needs.

AI DATA CENTER

Computing, storage and deployment environments for developing and operating AI applications.

COMPUTE | **STORAGE** | **CONNECTIVITY**

Coordination and connectivity depend on each project's scope.

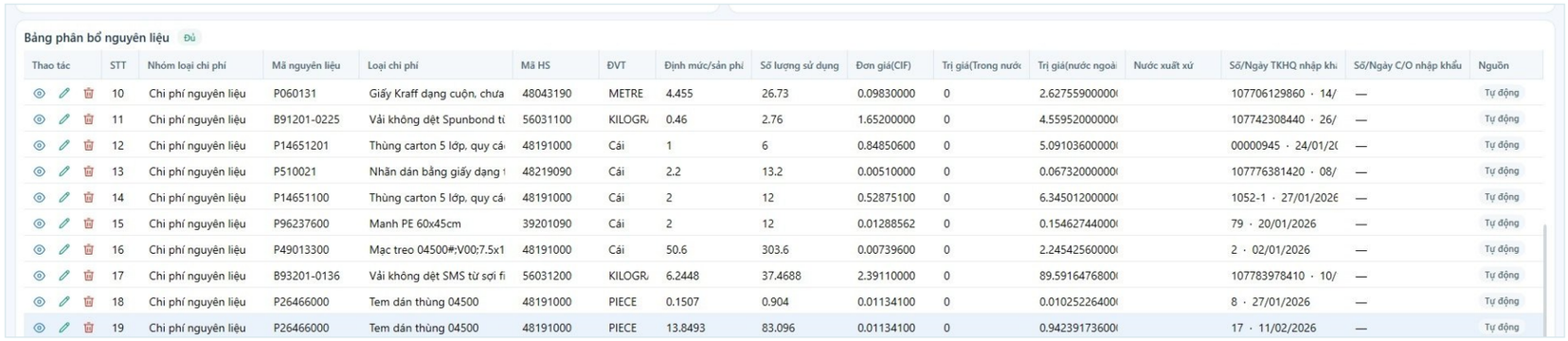
VAN-LOGISTIC COMMERCIAL

A standard solution for centrally managing export dossiers and raw materials through commonly used business processes.

EXPORT DOSSIER MANAGEMENT



MATERIAL ALLOCATION AND RECONCILIATION



Track materials and identify sufficient or insufficient stock.

FIVE CORE FUNCTIONS

Export dossier management

Track export dossiers, products, raw materials and usage norms.

Raw material allocation and consumption tracking

Allocate by dossier, support First In, First Out (FIFO), and monitor availability and shortages.

Reconciliation and reporting

Prepare statements, search and aggregate information within the available functions.

C/O procedures

Support preparation, signing and tracking of C/O dossiers.

AI Assistant

Provide operational guidance, support data searches and simulate material availability based on software data.

A standard option for organizing information centrally, finding dossiers easily and carrying out common operational processes.

VAN-LOGISTIC CUSTOMIZE

VAN-Logistic Customize adapts raw material allocation and consumption tracking to each enterprise's agreed processes, data and management requirements.

Flexible data and Bills of Materials (BOMs)

Manage BOM versions and substitute materials; make bulk adjustments and review related dossiers within the project scope.

Priority inventory and allocation limits

Track priority material sources and allocation limits for the enterprise, customers and responsible staff; monitor amounts used and remaining.

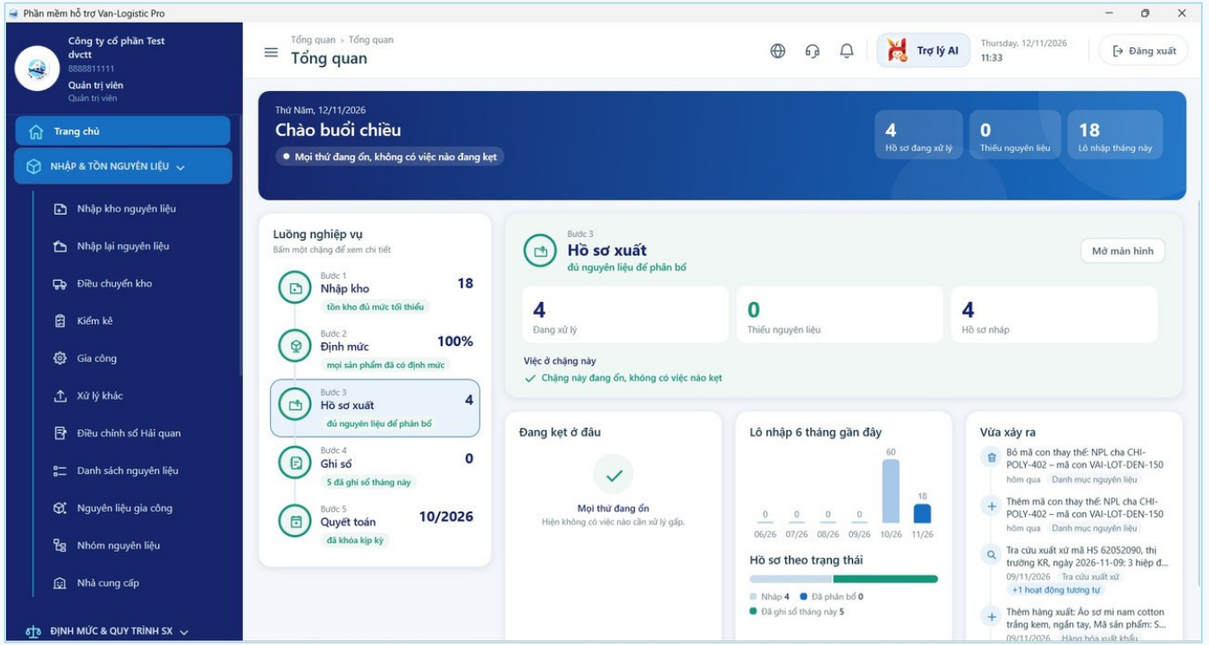
Movements and processing

Track returns, transfers, processing, stocktakes and other activities against documents and actual workflows.

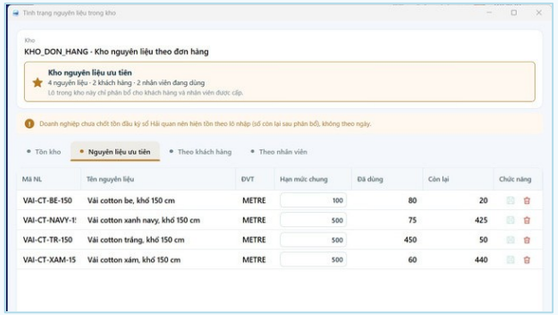
Reconciliation, traceability and reporting

Review receipts, issues and stock by material, dossier, batch and document; support explanations, activity logs and reports.

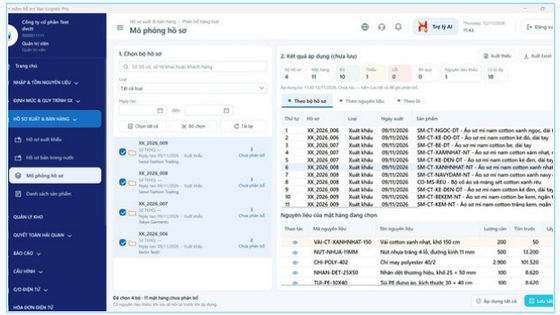
BUSINESS OVERVIEW



PRIORITY INVENTORY & LIMITS



DOSSIER ALLOCATION SIMULATION



ERP ALL-IN-ONE

A model for coordinating operations across departments.

Vũ Hải assesses business and data management needs, then advises on and develops ERP solutions within the agreed scope of each project.

ILLUSTRATIVE SCENARIO | COORDINATING ONE ORDER



SALES

Receive the order

Manage customer information, orders and sales activities.



PURCHASING & WAREHOUSE

Check materials

Monitor material requirements, purchasing and inventory.



PRODUCTION

Plan and monitor

Track schedules, resources and implementation progress.



FINANCE

Monitor costs and outstanding balances

Track costs and outstanding balances for management reporting.

ORDER AND SHARED DATA

This model and its functions are illustrative; scope is agreed after assessment. VAN-Logistic connectivity, modules, access rights and reports are determined by the company's actual processes and systems.

AI SERVICES FOR BUSINESSES

From defining the business problem and preparing data to deploying AI suited to each company's processes and requirements.



SERVICE AREAS

Problem assessment and consulting

Clarify objectives, existing processes and an appropriate AI approach.

AI Assistant for Internal Knowledge Search

Search authorized documents, knowledge and operational guidance.

Document recognition and processing

Extract and organize information from business records, documents and images.

Model customization and integration

Customize as needed; deploy via API or integrate with business systems.

The VAN-Logistic AI Assistant is a software feature; extended AI services are developed for each enterprise's specific needs.

INTENDED VALUE

- **Reduce repetitive work**

  Limit repetitive manual processing.

- **Faster search and processing**

  Access and consolidate information more conveniently.

- **Data-informed decisions**

  Help staff review structured information.

Deployment scope depends on data, intended use and each enterprise's requirements.

AI DATA CENTER

Computing, storage and connectivity infrastructure for developing, testing and operating AI applications.

INFRASTRUCTURE FOR AI SOLUTIONS

Components are combined to suit deployment needs, data and operating requirements.

GPU and compute capacity

Processing resources for AI models.

Data storage and management

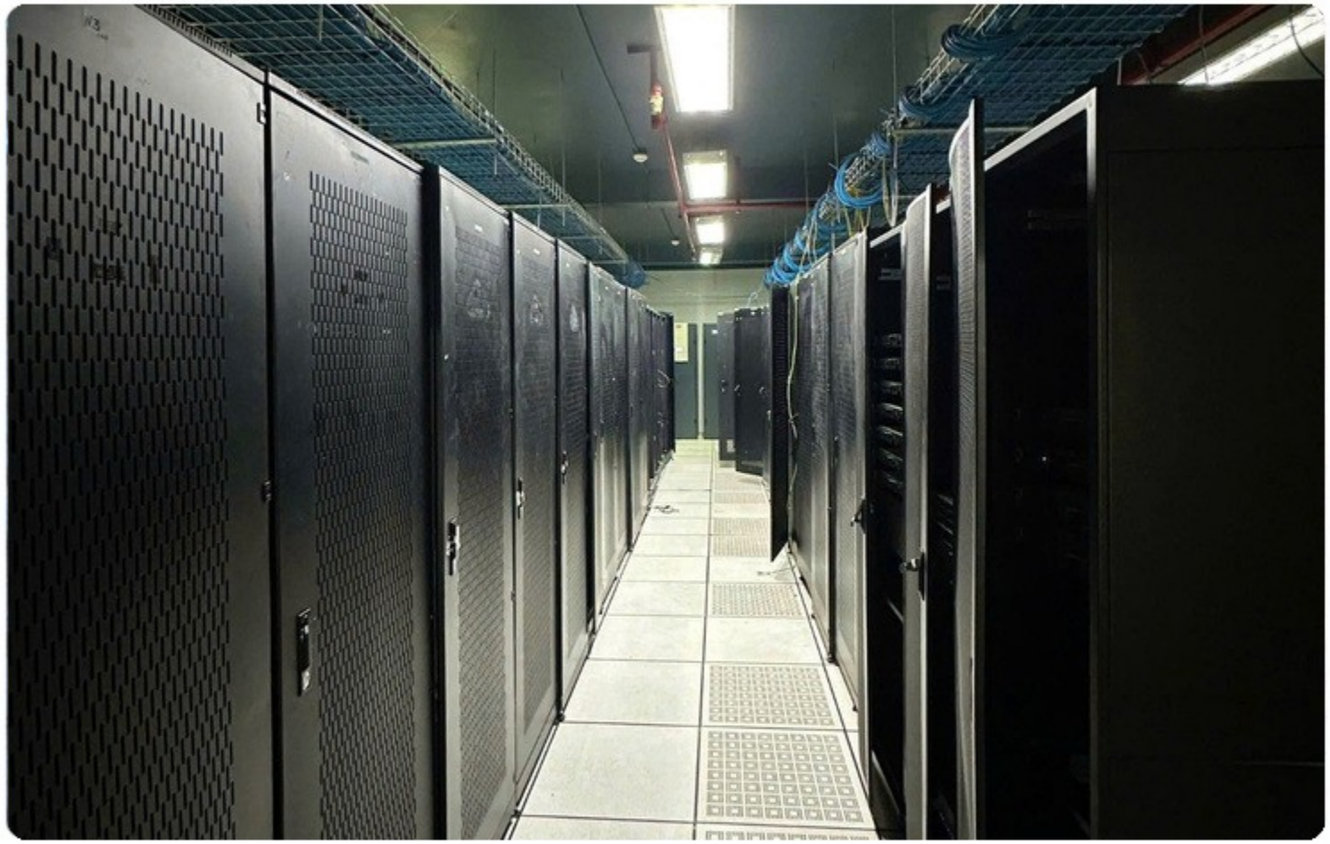
Organize data for the deployment environment.

Connectivity and deployment environment

Connect computing resources with applications and systems.

Security, monitoring and operational support

Access control, monitoring and operational coordination.



COMPUTING RESOURCE OPTIONS

Dedicated GPU servers

Resource scope is determined for each deployment option.

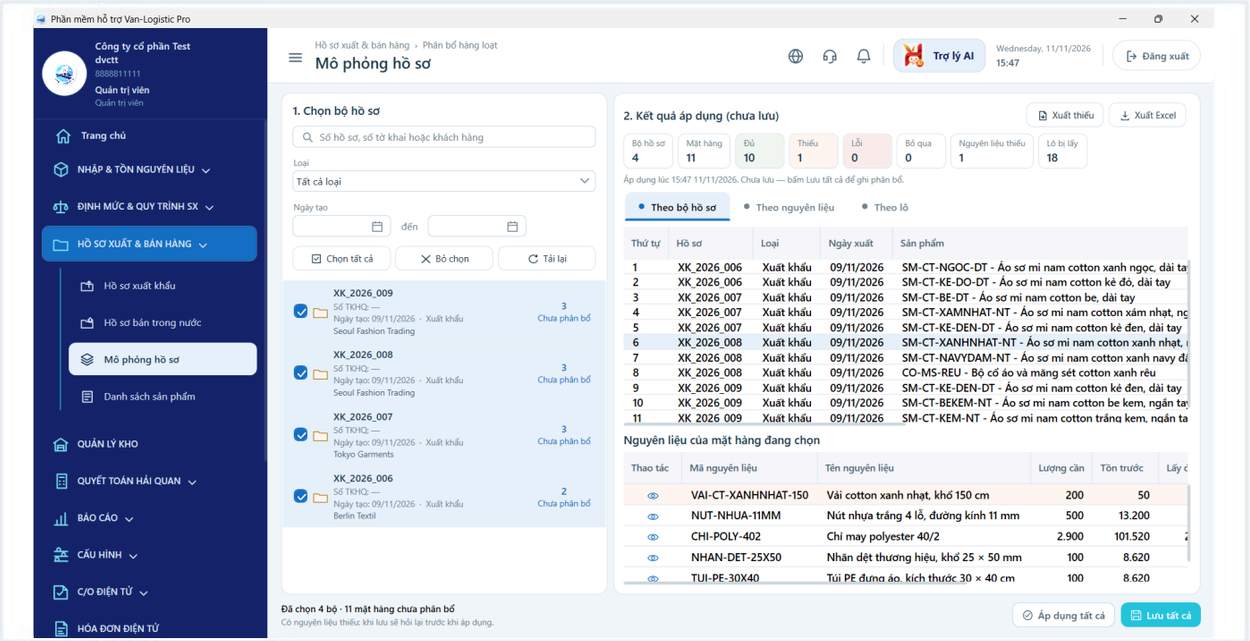
Time-based GPU access

Project-based GPU clusters

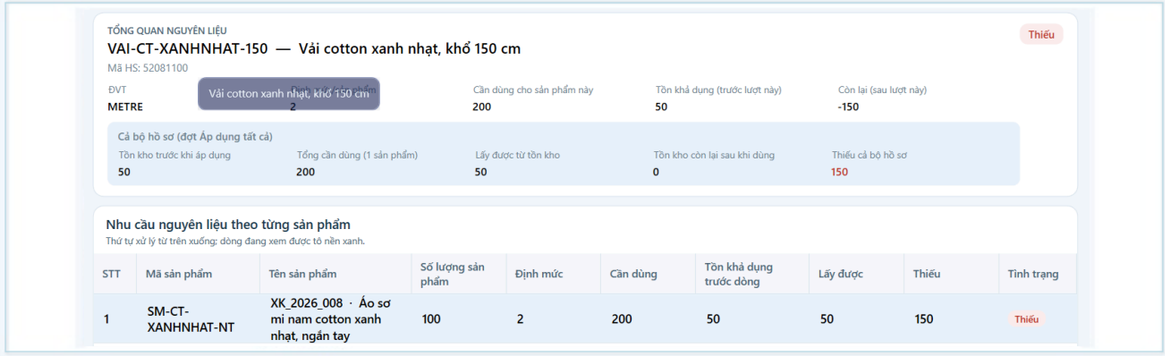
AI-ASSISTED MATERIAL ALLOCATION SIMULATION

Based on allocation simulation results, AI can help identify shortages, compare adjustment options and support replenishment planning.

4	11	10	1	1
DOSSIERS	ITEMS	LINES WITH SUFFICIENT MATERIALS	LINES WITH SHORTAGES	MATERIAL TYPES WITH SHORTAGES



MATERIAL STATUS DETAIL · DEMO DATA



ILLUSTRATIVE SCENARIO

AI ANALYSIS AND SUGGESTIONS

01 Identify

Identify the missing material and affected dossiers. Demo: light blue cotton fabric requires 200 m; 50 m is available; there is a shortage of 150 m for dossier XK_2026_008.

02 Compare options

Suggest allocation adjustments across dossiers by priority, requirements and export deadlines.

Cost first	Schedule first	Balance cost and schedule

03 Plan replenishment

Estimate material needs from historical usage and shipments; compare unit prices, delivery lead times and supply history based on available data.

USER REVIEW AND CONFIRMATION

AI provides analysis and options for consideration. The user reviews, selects and confirms before saving the allocation.

AI experience simulation · No automatic decisions or material purchases.

TECHNOLOGY CAPABILITIES AND QUALITY

Vũ Hải brings together business analysis, development, testing, implementation and support.

OFFICIAL CONNECTIONS TO C/O ISSUING SYSTEMS

VAN-Logistic is the only product officially connected to all current Certificate of Origin issuing systems. Data exchange is protected and meets applicable information security requirements.

INDEPENDENT TESTING

Technology Center – Digital Government

Functionality and data accuracy testing. 66/66 cases passed; version 3.9.0.2; report dated 24 July 2026.



BÁO CÁO TỔNG HỢP KẾT QUẢ KIỂM THỬ
PHẦN MỀM HỖ TRỢ VAN-LOGISTIC

Hợp đồng số :
Gói thầu : Kiểm thử Phần mềm Hỗ trợ VAN-Logistic
Bên thuê : Công ty Cổ phần Ứng dụng Công nghệ Vũ Hải

Hà Nội, ngày 24 tháng 7 năm 2026
TRUNG TÂM
CÔNG NGHỆ - CHÍNH PHỦ SỐ
TRUNG TÂM CÔNG NGHỆ CHÍNH PHỦ SỐ
Trần Quang Ngân

INFORMATION SECURITY ASSESSMENT

CMC Cyber Security

Information security assessment of VAN-Logistic; certificate dated 25 May 2026 and valid at the time of assessment.



CMC CYBER SECURITY
GIẤY CHỨNG NHẬN
DÁNH GIÁ AN TOÀN THÔNG TIN
CÔNG TY CỔ PHẦN ỨNG DỤNG CÔNG NGHỆ VŨ HẢI
Địa chỉ: Số 746 Minh Khai, Phường Vĩnh Tuy, Thành phố Hà Nội, Việt Nam
MST: 0108190282
CMC CYBER SECURITY đã thực hiện đánh giá an toàn thông tin đối với Phần mềm hỗ trợ VAN-Logistic, của CÔNG TY CỔ PHẦN ỨNG DỤNG CÔNG NGHỆ VŨ HẢI với các hạng mục:

COPYRIGHT REGISTRATION

VAN-Logistic software

Software copyright registration certificate held by VU HAI TECHNOLOGY APPLICATION., JSC.



BỘ VĂN HÓA, THỂ THAO VÀ DU LỊCH
CỤC BẢN QUYỀN TÁC GIẢ
GIẤY CHỨNG NHẬN
ĐĂNG KÝ QUYỀN TÁC GIẢ
CỤC BẢN QUYỀN TÁC GIẢ CHỨNG NHẬN
Tác phẩm: *Phần mềm hỗ trợ VAN-Logistic* *Loại hình:* *Chương trình máy tính*

Software signing: EV Code Signing certificates support publisher authentication and software integrity.

Sources: Test report, 24 July 2026; CMC certificate, 25 May 2026; copyright registration certificate.

IMPLEMENTATION AND ONGOING SUPPORT

Implementation scope and roadmap are based on assessment and analysis, and agreed with the enterprise.

IMPLEMENTATION PROCESS

01 Assess
02 Analyze
03 Design
04 Develop
05 Test
06 Deploy
07 Train
08 Hand over

ASSESSMENT AND ANALYSIS

Output: consolidated needs, processes, data and expected scope.

DESIGN AND DEVELOPMENT

Output: approach and solution components within the agreed scope.

TESTING AND DEPLOYMENT

Output: test results, deployed solution, training and handover as agreed.

POST-IMPLEMENTATION SUPPORT

Support covers user requests, warranty, maintenance and agreed expansion needs.

For AI work, Vũ Hải assesses the problem and data sources, selects suitable models and computing resources, pilots the solution and evaluates results before expansion within the agreed scope.

IMPLEMENTATION EXPERIENCE AND PARTNERSHIPS

IMPLEMENTATION PROJECTS

TCOM GLOBAL LOGISTICS

Need: C/O support and customer data management.
Scope: Software development and service delivery as agreed, including import, export and inventory data, declarations and reports.

10 Jan 2026 · Signed an agreement for software development and service delivery.

SMALLPIN PARTNERS

Need: Internal operations management and tracking. Scope: VAN-Logistic SMP tailored to agreed requirements.

27 Mar 2026 · Signed and handed over a dedicated version for Smallpin Partners' internal operations.

STRATEGIC PARTNERSHIPS

ECOMDX – MINISTRY OF INDUSTRY AND TRADE

Vũ Hải and the eComDX Center, under the Agency of E-commerce and Digital Economy at the Ministry of Industry and Trade, signed a cooperation agreement to provide support services to import-export businesses applying for Certificates of Origin (C/O).

HANEL COMMUNICATIONS JSC

A member of Hanel Group and Vũ Hải's strategic partner since 2022.

The companies aim to cooperate in software development, technology and digital solutions for businesses.

RESULTS

VAN-Logistic – First half of 2026

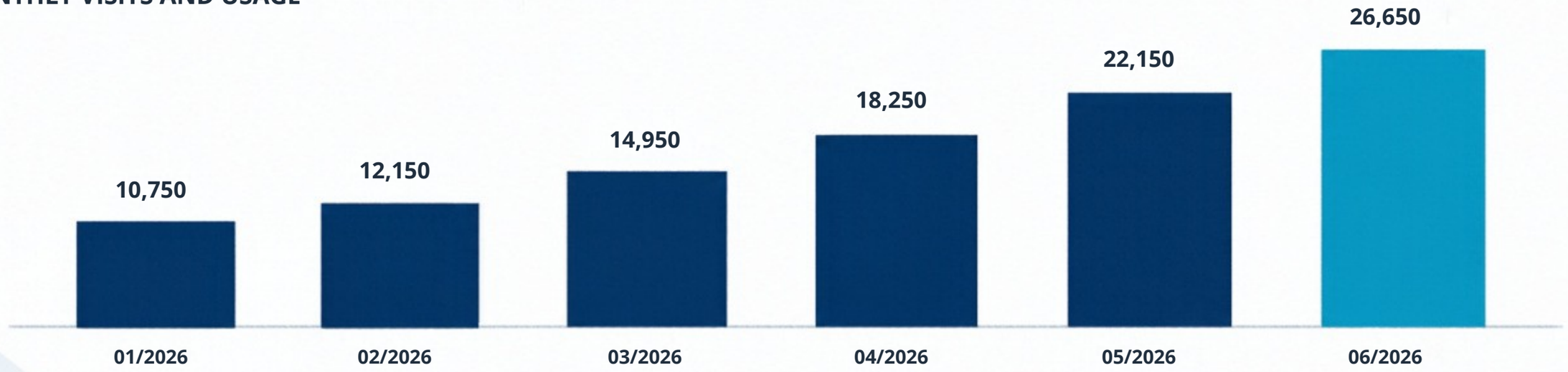
104,900

TOTAL VISITS AND USAGE

Approx. 600–700

BUSINESSES USING THE SOFTWARE REGULARLY EACH MONTH

MONTHLY VISITS AND USAGE



Source: Vũ Hải report for the first half of 2026.

PARTNERSHIP AND CONTACT

Working alongside import and export enterprises

CONNECTING FOR SHARED GROWTH

Vũ Hải continues to improve VAN-Logistic, develop solutions for practical needs and gradually apply AI to make better use of data and support operations.

The AI Data Center is being developed as a foundation for expanding the ecosystem and enabling AI computing resources suited to the needs of enterprises and partners.

Vũ Hải welcomes discussions with customers and partners on VAN-Logistic deployment, tailored solutions, AI applications and technology cooperation.

Let us create lasting value together.



VU HAI TECHNOLOGY APPLICATION., JSC.

WEBSITE

vuhai.co

HOTLINE

1900 232303

EMAIL

support@vuhai.co

HEAD OFFICE

746 Minh Khai Street, Vinh Tuy Ward,
Hanoi, Vietnam