

Logistics Support Business Unit Corporate Profile

LOGISTICS SUPPORT

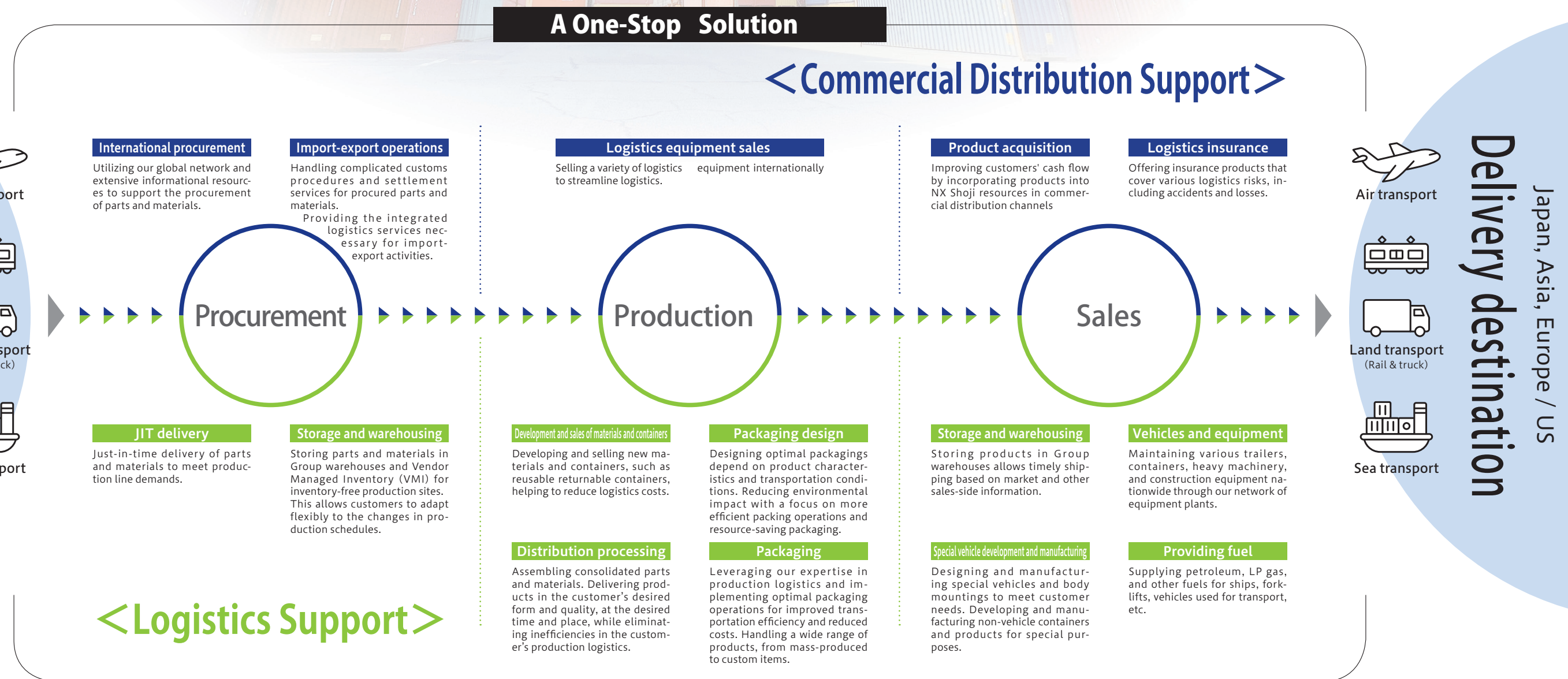


As a high-performance composite trading company, we offer full support for the optimization and operation of global supply chains

Through Supply Chain Management (SCM), we aim to optimize the entire range of corporate activities, including procurement, production, and sales.

Developing and finding innovative ways to implement SCM is a particularly critical challenge in the manufacturing industry.

Supply chains are precisely the area where NX Shoji demonstrates its true value. We offer a one-stop solution for a wide range of logistics services. These include proposals for optimal logistics systems, provision of export packing, just-in-time (JIT) delivery, as well as commercial distribution services like international procurement, import-export operations, and logistics insurance. This enhances the optimization and operation of global supply chains, bringing various benefits to our customers' businesses.



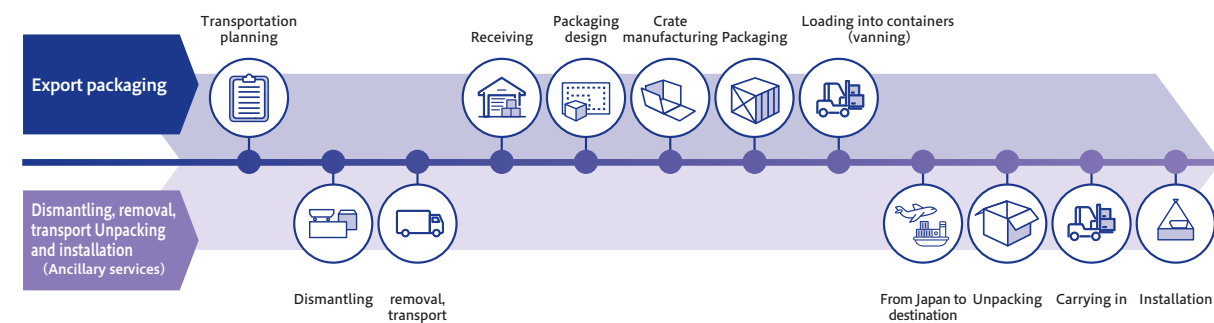
Providing services that synchronize and integrate with customer business

NX Shoji offers a one-stop solution for both commercial and logistics services, covering the entire supply chain process. This comprehensive approach allows supply chains to synchronize seamlessly and integrate with our customers' business operations for optimal effectiveness.

Machinery and equipment packaging

Logistics begins with packaging solutions. Our expertise in packaging technology supports logistics worldwide.

From machine tools to semiconductor equipment, we offer optimal packaging solutions based on our proven track record and years of experience. Our network of bases covers five major trading ports, which ensures smooth shipping.



Export packaging

Leveraging our many years of experience and track record as professionals in logistics and packaging, we offer optimal solutions that are taken into account product characteristics, transportation mode and environment, loading and storage conditions, and packaging objectives.



NX Shoji's machinery and equipment packaging

The relocation of production and plant equipment is a complex and challenging transportation task. We handle the packaging and transportation of extensive range of items.



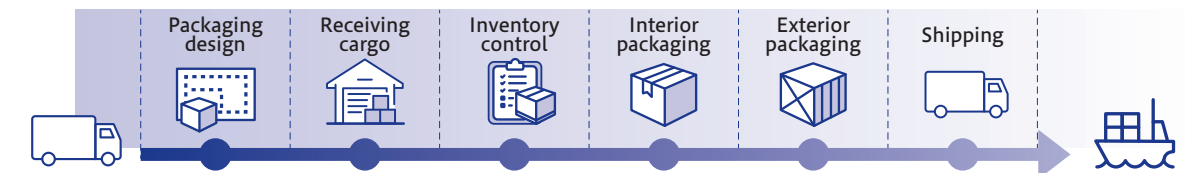
Equipment dismantling and installation services

We provide total planning based on equipment characteristics, dismantling workload, and optimal loading and packaging methods, holding meetings and preliminary inspections in Japan to facilitate the process. We consider transportation options like container ships, conventional ships, RORO (roll-on/roll-off) ships, and air freight, then propose the best transportation routes from removal to delivery. When commencing operations, we dispatch installation experts to the site. They provide full support and ensure safety, quality, and adherence to schedules.



Mass product flow/parts packaging

Our logistics system fully integrates and synchronizes with our customers' supply chains.



The range of items we handle spans from screws, bolts, and nuts to finished products. We leverage our specialized expertise as professionals, along with highly efficient, top-quality operations that let us offer optimal solutions tailored to our customers' needs. This includes everything from product reception, packaging, and transportation to local delivery, which provides significant benefits to our customers' businesses.



NX Shoji's mass-produced parts packaging

NX Shoji has over half a century of packaging experience, and is particularly adept with automotive parts. We offer packaging solutions and logistics services tailored to the specific requirements of our customers' products.



Heavy machinery and construction equipment parts



Aircraft parts



Electrical parts



Automotive parts

Making great improvements

NX Shoji does more than just package goods. Our services offer optimal packaging and loading efficiency, based on container layout design and meticulously modularized interior and exterior specifications. This is tailored to the characteristics of the parts and logistics requirements, with batch packaging, individual part packaging, and destination-specific demands.

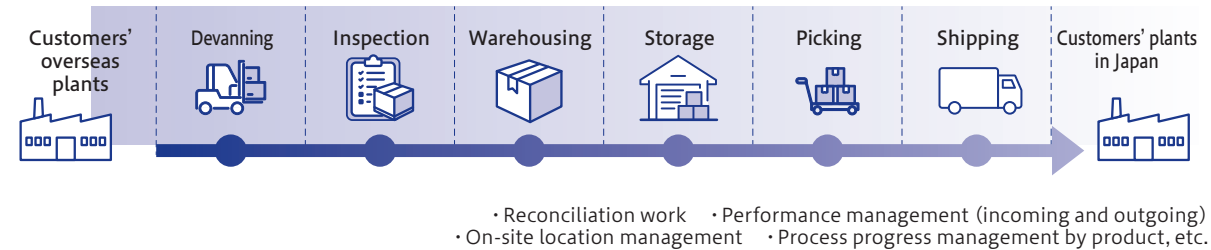


Switching from reinforced cardboard to steel crates led to an increase in packaging material costs. However, the change also improved container loading efficiency, successfully reducing transportation costs per product unit.

Production logistics

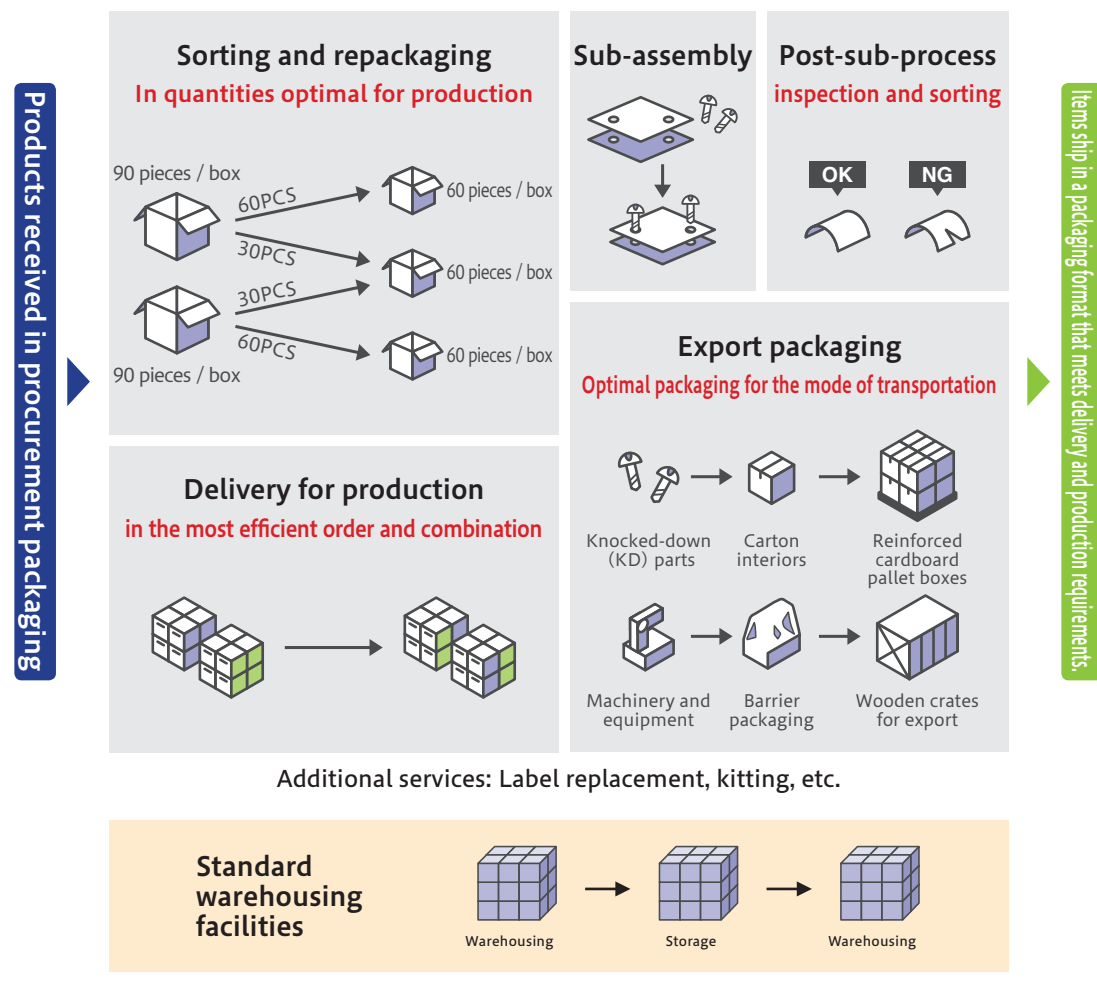
Our integrated system lets us manage everything from warehousing to shipping.

Establishing satellite warehouses near our customers' factories means we can supply production lines with just what they need, when they need it. Leveraging our extensive expertise, we ensure efficient picking processes and effective inventory management.



NX Shoji's warehousing services

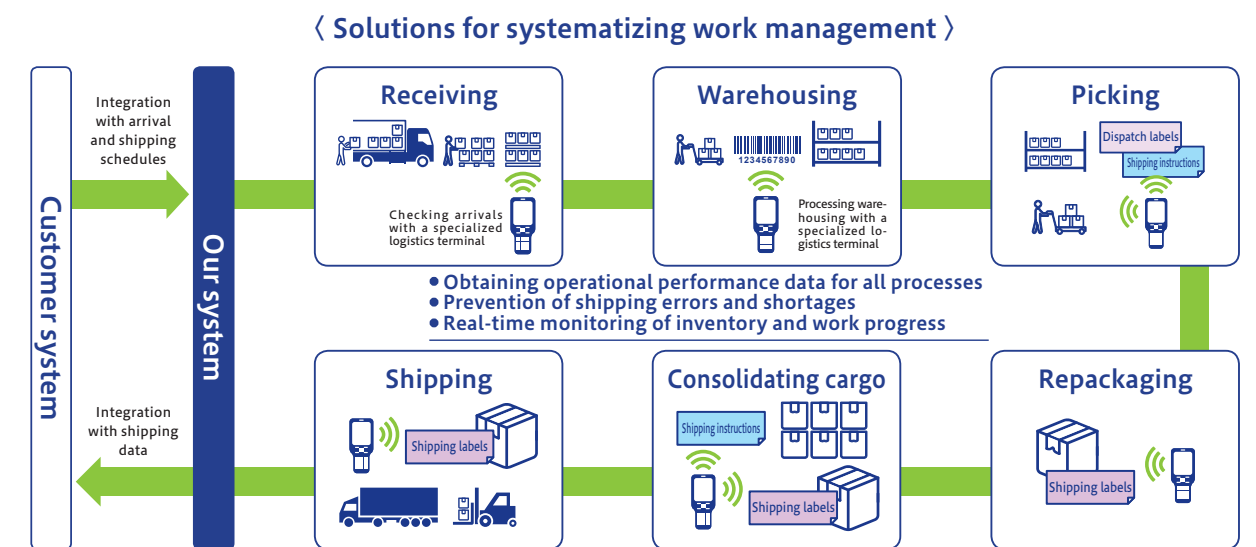
Customers can outsource in-factory logistics and inspection processes (such as cargo conversion and sub-component assembly) to our satellite warehouses. This reduces administrative tasks for our customers, allowing them to focus more on production, leading to increased productivity and a reduction in factory space usage.



System development

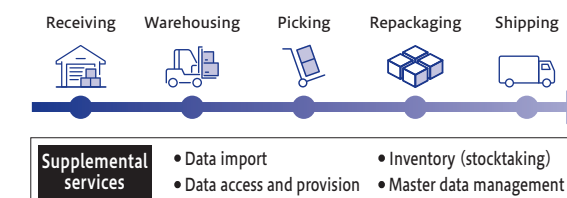
NX Shoji creates custom systems tailored to our customers' specific logistics needs, ensuring efficiency and reliability in packaging and quality.

Our engineers develop systems that directly integrate with operational processes. We offer comprehensive packages, with systems and workflows tailored to customer product management, providing the most effective solutions swiftly and affordably.



Rapid implementation

Direct communication between logistics managers knowledgeable about customers' on-site operations and our in-house engineers, without involving third parties, lets us develop and implement systems much more quickly.



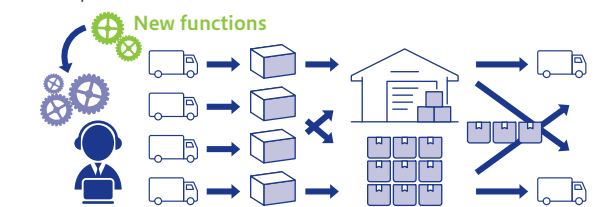
Centralized management system

We manage systems through a dedicated network centered on our head office, enabling us to respond to issues like system malfunctions, handle operational queries, and make minor system updates without interrupting workflows.



Flexibly adapt to changes on-site

We are able to update systems efficiently and flexibly by leveraging our proprietary development capabilities to meet the needs of customers and ever-changing work environments, including work processes, cargo handling, and transportation routes.



Affinity with warehouse automation

We deal with a wide range of material handling equipment and can integrate with various IT-based material handling systems used by other companies, including warehouse automation devices used in automated warehouse systems and automatic picking devices.

We also have the flexibility to incorporate automatic identification technologies (IC tags, 2D codes, OCR, etc.).



Technology development

Our company constantly explores new technologies and fields to meet diverse needs and create greater added value.

Automatic crate-making machines

Automatic crate manufacturing and uniform manufacturing quality



We are able to make wooden crates without manual labor with a pre-programmed manufacturing process. It is particularly effective in making crates for mass-produced items in sizes suitable for sea freight containers. This not only supplements labor, but also contributes to improved precision, consistent quality, and enhanced safety.

Radio-frequency identification (RFID)

Automatic identification technology allowing efficient visualization of inventory for asset management



We use RFID systems to manage inventory of essential material handling equipment used in production activities, including trolleys and large quantities of plastic storage crates and pallets. RFID is able to read multiple tags at once, streamline operations and help quick identification of bottlenecks. This helps lower our customers' costs by reducing the need for unplanned purchases.

Optical character recognition (OCR)

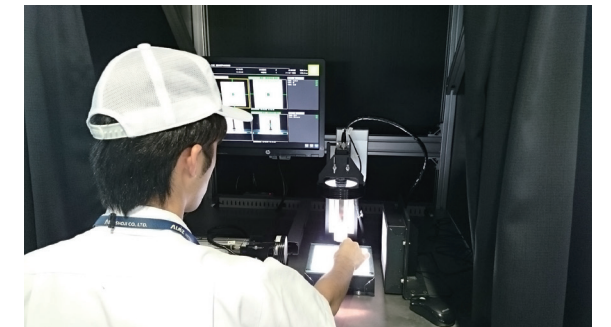
Eliminating human error with OCR



OCR can make it possible to digitize printed or handwritten information. This technology enable automatic input of data, which prevent misspelling and misloading.

Component identification machines

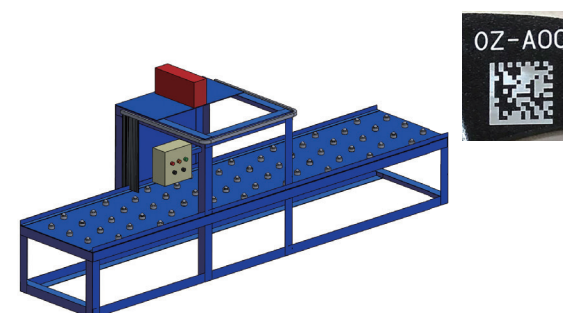
Eliminating human error with machine identification



Using component identification machines in the inspection process for similar parts helps eliminate misidentification. This reduces time-consuming verification tasks such as visual checks with sample parts or gauges.

Laser engraving machines

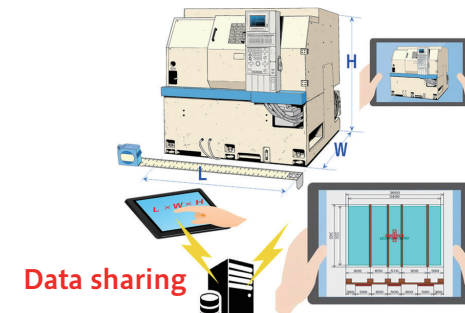
Asset management through laser marking



By imprinting lot numbers, manufacturing facility symbols, and similar markings on materials like metal, steel, plastic, and rubber, we are able to custom customers' assets, while aiding traceability and preventing counterfeits.

ATMIC (product measurement app)

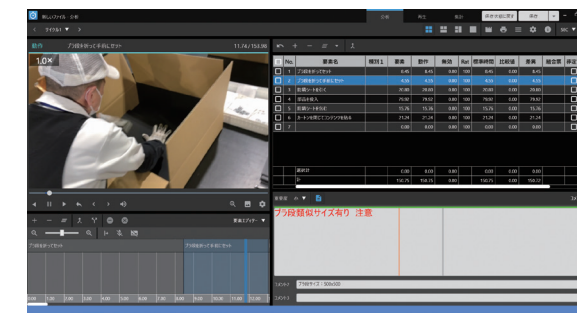
Seamless wooden crate design



Specialized system installed on tablets boosts efficiency when taking measurements. Viewing the product on the tablet allows immediate measurements and calculations for strength requirements, center of gravity, and wood configuration. This allows an accurate and swift design process. We draw on our extensive expertise to provide high-quality, customized wooden crates that meet product specifications.

Digital work analysis

Improving efficiency and quality through standardizing work processes



Video analysis helps us eliminate work inefficiencies and inconsistencies. Standardizing the expertise of highly experienced workers helps reduce costs and deliver uniform quality.

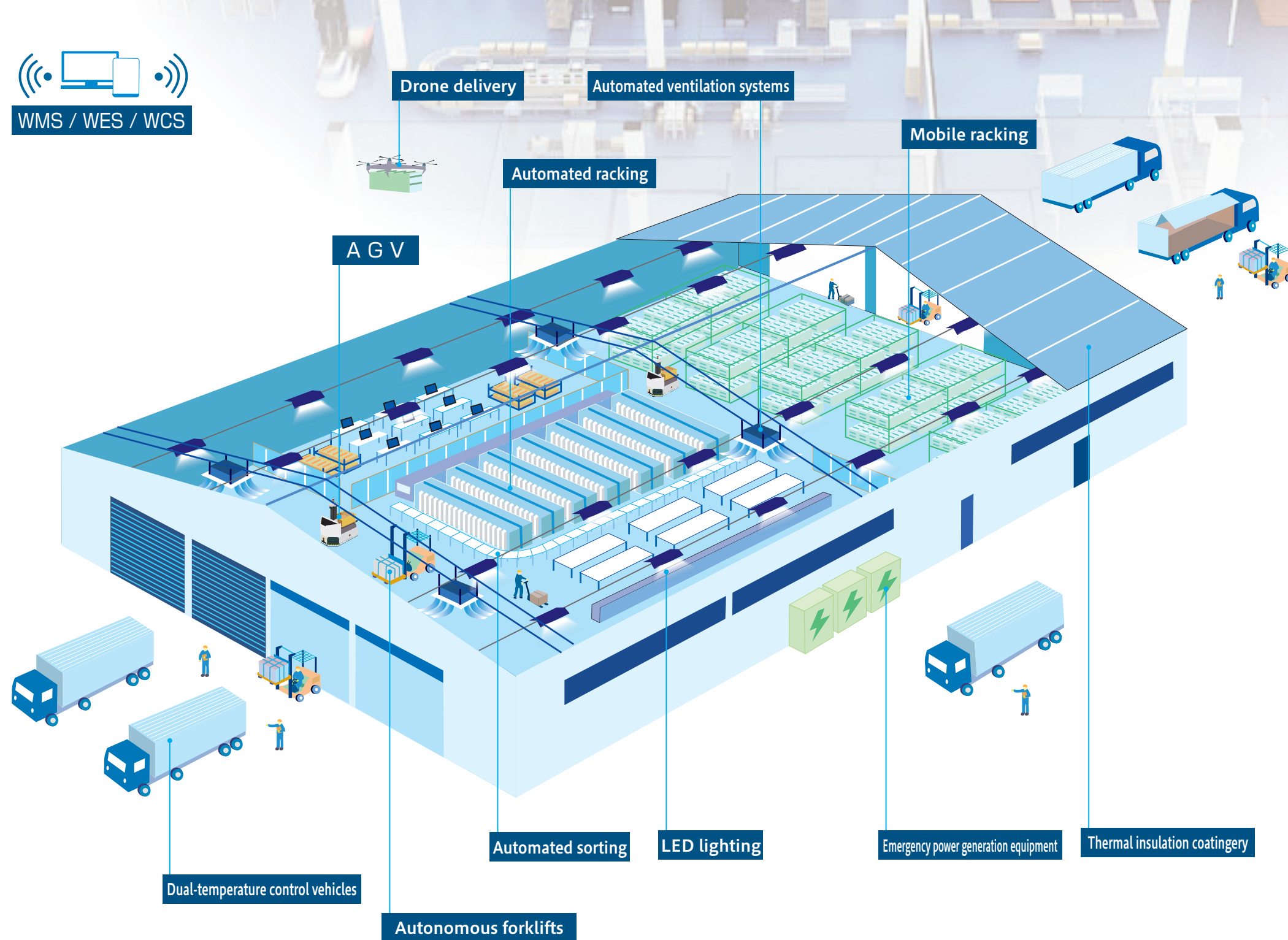
Automatic counting machines

Automating counting operations to improve quality and efficiency



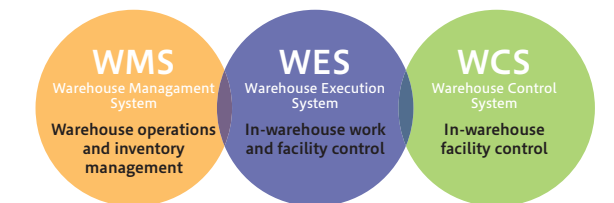
Accurate and efficient counting is enabled by line sensors that instantly identify parts according to their shapes. Line sensors can work properly even in case of existence of individual differences in weight, which scale-based weighing systems can't work properly.

New warehouse proposed by NX Shoji



Coordination

NX Shoji's services covers the logistics field in its entirety. From procurement of goods to implementation and after-sales service, we respond to our customers' needs, and assist in creating better environments.



Systems

At the time of product installations, we recommend the most suitable warehouse management systems (WMS) for specific operations, as well as warehouse execution systems (WES) and warehouse control systems (WCS) to enhance quality and reduce labor.



Operation

Leveraging our track record and extensive experience in Japan and internationally, our staff provide training and services tailored to our customers' needs.

We offer a one-stop service for everything from new warehouse planning to launch, facility operation, and renovation work.

Trading service

- 1 Integrated commercial and logistics services
- 2 One-stop service via local subsidiaries
- 3 Cost transparency

NX Shoji's Global SCM Support Services

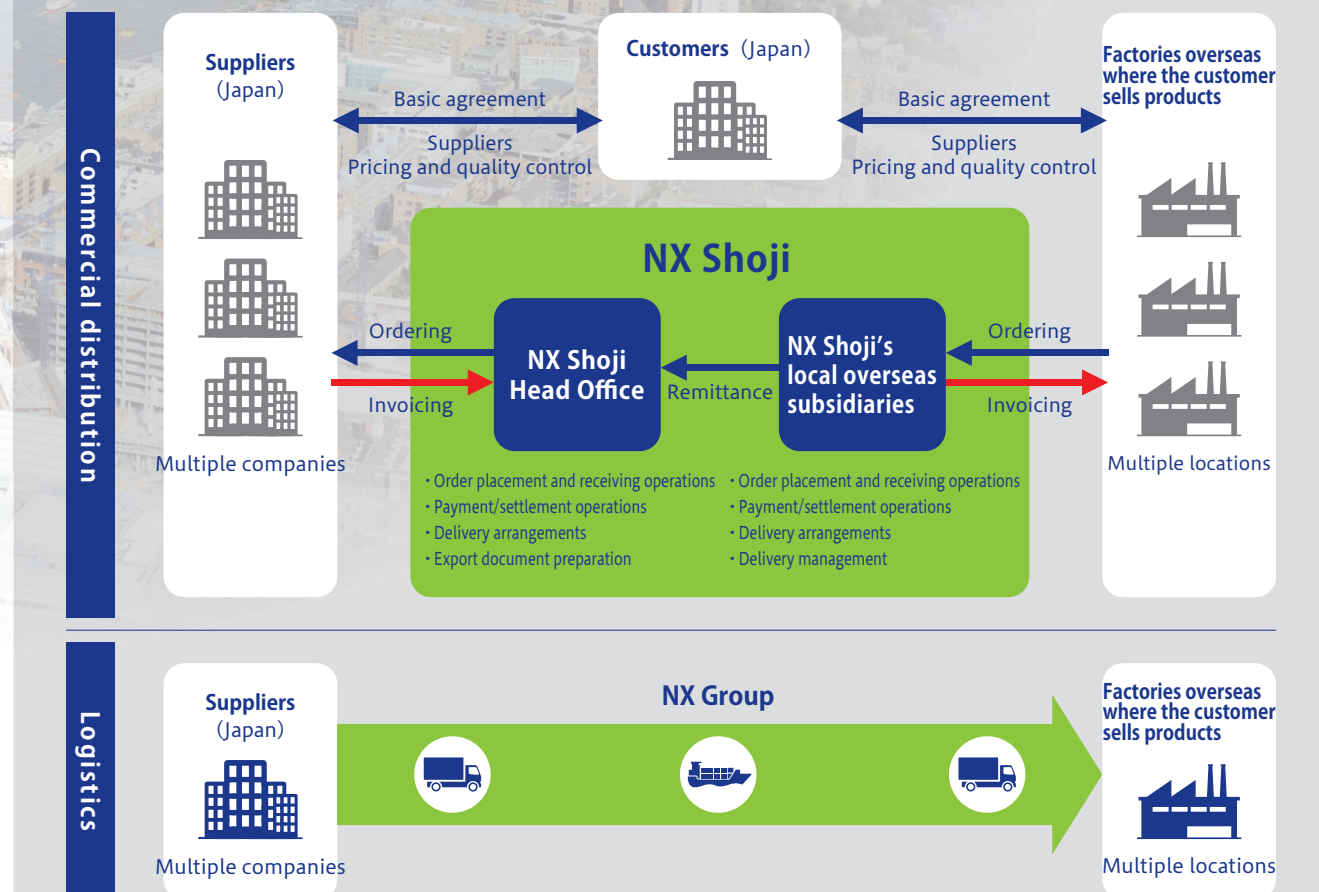
Providing services tailored to customer needs in international business transactions

◎ **Order placement, receiving, settlement (foreign currency transactions, contract conclusion), delivery scheduling, exporter/importer support, transportation arrangements, inventory management**

- ◇ You have products and clients, but lack of experience and know-how in international trade
- ◇ You find managing orders and payments/collections with multiple suppliers in Japan and internationally is too complicated
- ◇ You want to install factory equipment overseas or regularly import/export consumables
- ◇ You want to convert fixed costs related to overseas transactions into variable costs by outsourcing according to sales revenue
- ◇ You don't have a local subsidiary and are looking for exporters/importers
- ◇ You want to import another company's products or your own products produced overseas for market research purposes, but do not want to reveal your company name
- ◇ You want to import and export free goods and samples for purposes like new product development and testing

※ There are some products we do not handle, including food, pharmaceuticals, and hazardous materials.

Sample service flow (export)



NX Shoji's Services

Customized services to meet customer needs



NX Shoji solves its customers' challenges

through meticulous improvement

NX Shoji provides a range of support for international transactions. Here are some examples of what we've handled so far.

Our experience

Machinery and production equipment ▶

Centralized management of factory equipment, from procurement to delivery and installation

Global parts ▶

Effectively working with customers' increasingly diverse supply chains, including trilateral transactions

Electrical parts ▶

Import and sale of products manufactured overseas on behalf of customers

Maintenance/spare parts ▶

Managing and importing/exporting over 100,000 types of small-lot, high-mix parts.



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