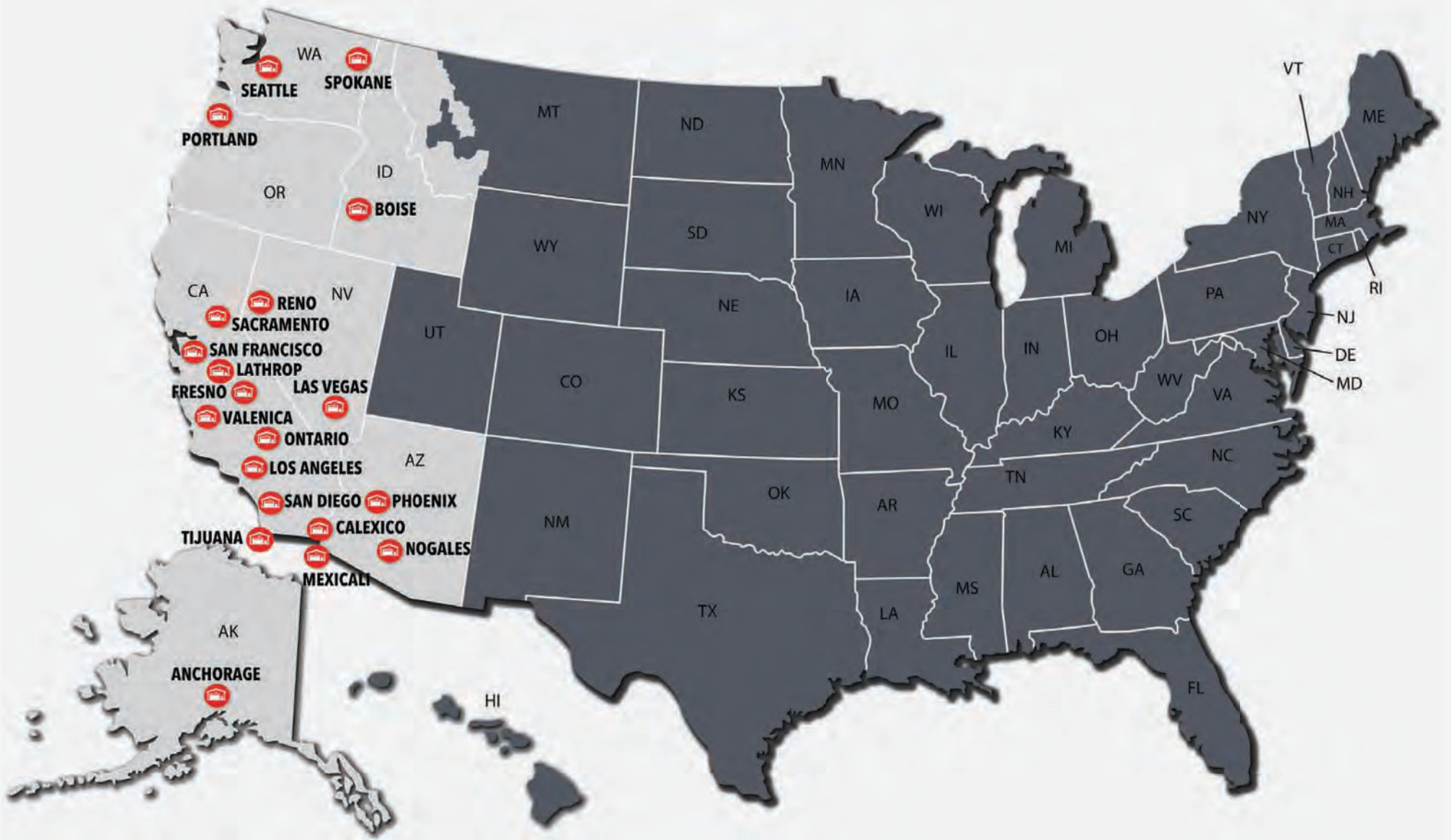


STORAGE & AUTOMATION SOLUTIONS

RAYMOND | WEST
INTRALOGISTICS SOLUTIONS



WHO WE ARE

INNOVATION FOR OVER 70 YEARS

At Raymond West Intralogistics Solutions, a Toyota Industries Company, we make your business thrive. For decades we have been trailblazers in the automated warehouse industry with a proven track record of success. By providing tailored warehouse solutions with exact precision and detail, we maximize efficiency and profits for our customers by putting their needs first. With over 400 service technicians and 900 industry experts in 20 locations, Raymond West has the knowledge and expertise to help your business grow.

END TO END SOLUTIONS PROVIDER

A SINGLE SOURCE YOU KNOW AND TRUST

Our Raymond West network has been strategically constructed to provide the support, knowledge and resources you need to improve efficiencies, uptime and overall productivity throughout your operations. We provide technologies, systems and solutions that bring day-to-day warehouse and distribution operations to a new level of performance, supporting our customers with a network of skilled services unmatched in the industry. Our combined operational excellence, award-winning innovation and world-class customer support, helps our customers run better and manage smarter.





CUTTING-EDGE SYSTEMS

AUTOMATED STORAGE & RETRIEVAL

We offer multiple Automated Storage & Retrieval Systems (AS/RS) to best fit your needs of speed and efficiency to excel in today's fast-paced supply chain and distribution center environments. As an integral part of our material

handling solutions, the AS/RS offers high-density storage capacity with a compact footprint, and efficient goods-to-person design to handle loose parts, totes, cartons and pallet loads.

MODULAR GOODS TO PERSON SOLUTIONS

Vertical Lift Module (1)

- + Faster access times
- + Increase in goods turnover
- + More storage space on a much smaller footprint
- + Greater safety and protection for operators and stored goods
- + Modular expandability

Vertical Buffer Module (2)

The most essential elements:

- + One or more picking stations or access openings
- + Mini-load bins, trays, and other loading equipment
- + A shelf system with an aisle
- + An automatic handling system
- + Logistics and picking software

Horizontal Carousel (3)

- + High picking performance and no waiting times thanks to batch picking
- + High picking accuracy through Pick- and Put-to-Light technology
- + 24/7 availability

Megamat (4)

- + High cycle speed – fast access to all stored goods
- + Increased storage space thanks to highly dense storage facility
- + Maximum use of space on a minimal footprint
- + Extensive safety features and ergonomic design
- + Increased picking accuracy
- + Energy-saving technology



GOODS-TO-PERSON TECHNOLOGIES

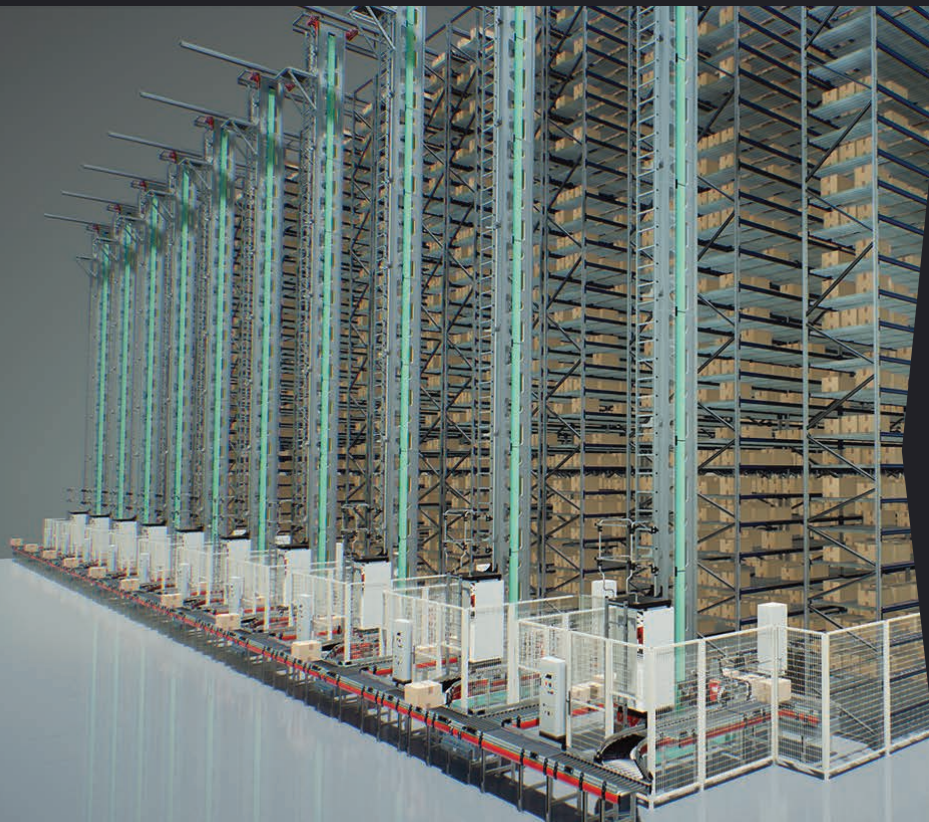
CARTON/TOTE HANDLING SHUTTLES

Using Shuttles on every storage level, this high speed AS/RS lifts at the aisle ends for delivery to Goods-to-Person (GTP) stations. The GTP stations include pick and put-to-light technology for the highest pick rates and accuracy.



MINI-LOAD CRANES

Tote and carton handling cranes have the ability to stack to heights of more than 40 feet while automatically storing and retrieving products.



INCREASED EFFICIENCY

AUTOMATED GUIDED VEHICLES

Automating specialized tasks and functions are proven to increase efficiency and reduce costs. The Raymond Courier Automated Lift Truck series offers superior dynamic automation of repeatable tasks at an affordable price point. Whether your business is in need of automated pallet trucks suitable for dock work and horizontal transport or automated tow tractors for parts-to-line, cart tugging or batch picking, our truck series is a simple and effective way to automate your operation.



ACCURATE SPEED

AUTOMATED CONVEYOR SYSTEMS

We understand that a successful conveyor system plays a vital role in warehouse operations. Our team of engineering experts are available to recommend the right conveyor equipment, technology solutions and material flow layout tailored to your business. Whether you are moving individual products, full cases or pallets, our conveyor systems can speed order fulfillment, provide better inventory management and help accomplish lean goals for process controls. Solutions include: sortation, automatic labeling, weighing, scanning and truck loading/unloading.



STREAMLINED PROCESSES

PACKING & SHIPPING SOLUTIONS

Raymond West offers packing and shipping solutions that maximize productivity and enhance customer relationships. With practical designs that promise compelling real-world ROI, we offer innovative software solutions to streamline pick, pack and ship processes to help you compete in e-commerce markets. Complete with built-in maintainability and support to enhance your uptime, our solutions will help protect your business from the costs of manual labor and market challenges.



ENHANCED CAPACITY

PALLET RACK & SHELVING

We offer industry-leading storage options to optimize your operation. Together we can determine the unique needs of your facility and implement strategies and solutions to maximize capacity and increase your profits.

Selective Rack (Stock of Used & New Available)

- + Offered in a wide variety of sizes, styles and gauges
- + Meets capacity and seismic requirements
- + Available in structural or roll formed
- + Compatible with most brands and existing applications

Push Back Rack

- + Holds up to 3,000 pounds capacity in 2–6 deep systems
- + Low profile inter-nested carts are linked when extended
- + Increased storage in applications with multiple pallets per SKU



Drive In Rack

- + Designed to maximize space with multiple pallets deep
- + Available in double wide systems
- + Utilized in a wide variety of industries from food/beverage and agriculture to import/export, petroleum and bulk product handling



Pallet Flow Rack

- + Offers deep lane storage and FIFO control for pallet handling
- + Available in steel and polycarbonate wheels
- + Full Roller pallet flow compatible with multiple size pallets, heavy loads and beverage applications



Cantilever Rack

- + Maximizes storage space and facilitates product access
- + Great solution for lumber, steel, pipe and other long loads
- + Allows long and short inventory to be stored in the same bay
- + Various arms available to meet any heavy load requirement
- + Decreases load/unload times without a front vertical column



Carton Flow & Shelving

- + Works well in piece picking areas
- + Replenish product from back of rack without interrupting picking
- + More pick faces per bay of rack = less walking with higher pick rates
- + Steel and polycarbonate skate-wheel roller system
- + Shelving systems for bin storage which can be mixed into lower levels of pallet rack.



EFFECTIVE AUTOMATION

RADIOSHUTTLE PALLET STORAGE SYSTEM

Discover the power of semi-automatic and fully automatic deep lane pallet storage from the Raymond RadioShuttle. The RadioShuttle has the ability to store up to 60 pallets deep per lane using battery powered, remote-operated shuttle vehicles with loading handled by forklifts or AS/RS crane. Fully utilize your warehouse space in either ambient, cooler or freezer applications at a similar or lower cost point to pallet flow racks.

Save time and maximize your budget with Radioshuttle's space saving-solutions:

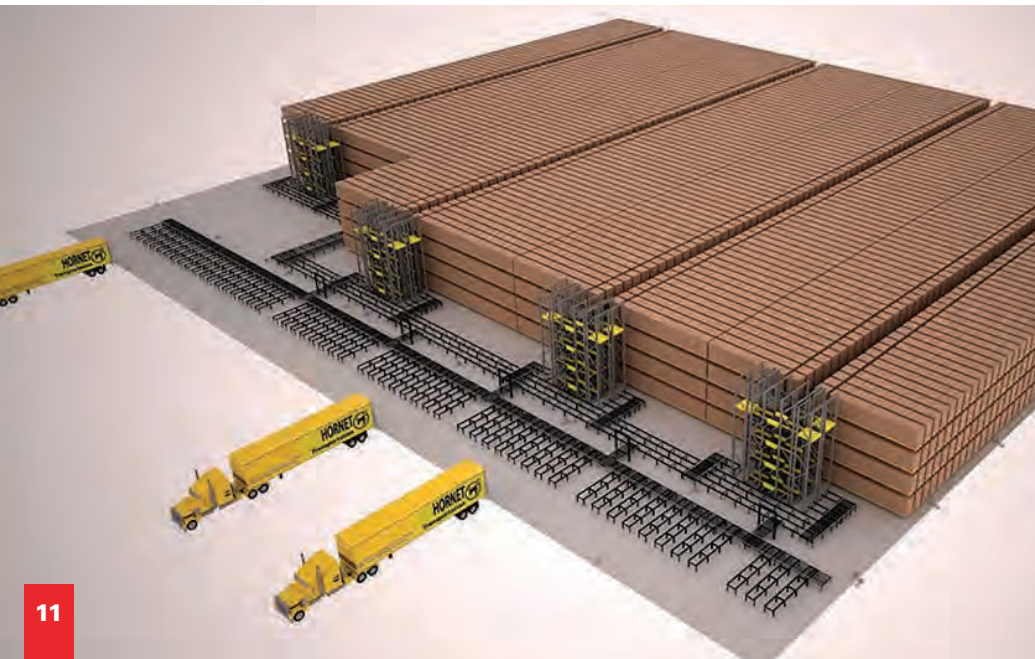
- + Store more pallets in a lane and footprint to reduce travel, resulting in more pallets moved per operator
- + Every level can contain a unique SKU, giving your racks higher utilization
- + Pallets move through rack independent of a lift truck to increase pallet throughput and reduce product damage

Explore the applications for multiple pallets of storage for each SKU:

- + High volume SKUs
- + The first point of storage after manufacturing
- + Work in process
- + Product produced and held for quality testing

Radioshuttle has ideal solutions for:

- + Sites that have reasonably high inventory turnover (greater than 5 times/year)
- + Facilities running out of space
- + Warehouse applications Storage units where deep lane storage is the best option



MAXIMIZED SPACE

MEZZANINE

Imagine that you could gain valuable working, office, storage or manufacturing space at a fraction of the cost. Freestanding or rack supported mezzanines may be the best option to fully utilize any existing overhead area. More cost effective than new construction and at a significant tax depreciation advantage, we use our proven strategies and technology to help you maximize your mezzanine to increase efficiency and profitability.



SUPERIOR SUPPORT

DESIGN AND CONSULTING SERVICES

Our team of experts enhance the efficiency, reliability and productivity of your operation using the most comprehensive intralogistics solutions in the industry. From initial consultation to custom-designed solutions and long-term support, we offer an unmatched selection of warehouse solutions and material handling equipment to meet your unique facility, application and industry requirements.

Our expert services include:

- + Operations Optimization—our Raymond Lean Management professionals are ready to assist with a variety of services designed to evaluate and aid your operation using the principles developed by Toyota Production Systems (TPS).
- + Warehouse Design—including data analysis, technology application, layout and design.
- + Equipment and Labor Management Tools—The Raymond iWarehouse suite of IOT products provides real time tracking of your forklift fleet and labor productivity with an integrated Labor Management System (LMS). We provide the tools and expertise to optimize performance of your operations and right sizing your fleet.



RELIABLE SERVICE

CONVEYOR & AUTOMATED EQUIPMENT MAINTENANCE

At Raymond West, we understand the cost of downtime. We offer reliable and affordable service for all your conveyors and warehouse equipment. Our range of expert services include:

- + Quick response times with local technicians
- + Reduced costs
- + Exceptional fix time rates
- + Reduced burden on internal maintenance teams
- + 400+ skilled technicians covering 8 states and 20 locations



COVERAGE ACROSS THE WEST

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