



TURTLE

Rethinking Energy. Advancing Tomorrow.

Container Terminal Solutions

Strengthening the Front Line of
North American Infrastructure and Security



100 Years of Expertise

We recognize the changing dynamics of the Port industry and offer technical application solutions for product replacement or enhanced application engineering services.

Our reputation is built on relationships, not transactions. Our team of industry leaders, supply chain experts, and technical advisors deliver mission-critical solutions today while always rethinking norms to design and deliver for what's next. With over a century of experience, we offer top-brand products to keep your ports running efficiently, whether you need readily available items or replacements for obsolete products.

Our Business Strategy is Rooted in Sustainability



Over 12,000
Customers



7 Year Average
Employee Tenure



Over 6,500
Suppliers



15% Employed
for Over 15 Years



WBENC Certified
for Over 20 Years



Ecovadis Rating
Silver Medalist



58% Diverse
Employee Make-up



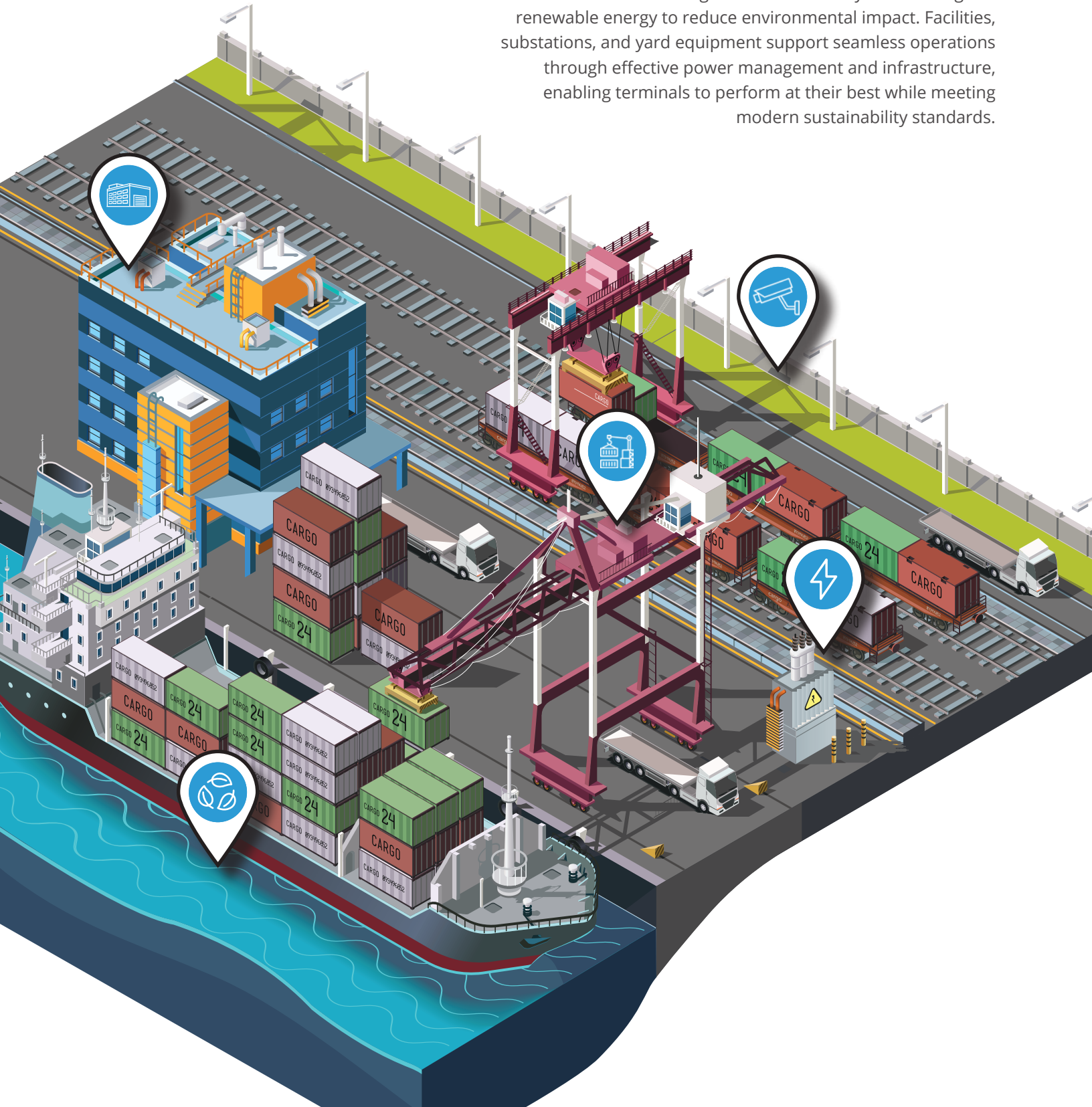
NPS Customer Survey
"Excellent" Rating



Container Terminal Product Solutions

Essential for optimizing the efficiency, safety, and sustainability of global trade

Cranes, equipped with advanced technologies, ensure precise container handling while sustainability efforts integrate renewable energy to reduce environmental impact. Facilities, substations, and yard equipment support seamless operations through effective power management and infrastructure, enabling terminals to perform at their best while meeting modern sustainability standards.





Cranes

Machine House

- Power Distribution Equipment
- Transformers
- Motors
- Couplings
- Brakes
- Thrusters
- Encoders
- Drives
- Contactors
- Relays
- Controls
- Ac Systems

Operator Cab

- Windows
- Complete Chair Systems and Replacement Parts
- Ac Systems
- Joysticks
- Monitors
- Enclosures
- Window Shades
- Communication Equipment

Festoon System

- Complete Replacement Systems
- Electrical Cables
- Rail
- Rail Clips
- Boom Hinge Rail Systems
- Wheels
- Rollers
- Carriers
- Drives
- Motors

Spreader

- Sensors
- Cables
- Cable Chain
- Controls
- Spreader Cable
- Control Boards
- Led Indicator Lights
- Sheaves
- Wheels
- Optical Camera Recognition Systems

Boom

- Walkway Lights
- Aircraft Warning Lights
- Lightning Protection Systems
- Wind Speed Systems
- Cameras
- Led Lighting
- Trolley Wheels, Motors, Couplings, and Brakes
- Conduit
- Conduit Boxes
- Electrical Cables
- Control Cables

Portal

- Led Lights
- Cameras
- MV Disconnect Switches
- Indicator Lights
- Communication Equipment
- Reeling Systems
- Fiber Connections and Parts
- Reeling Cables
- Elevator Parts

Gantry

- Motors
- Rail Brakes
- Wheel Brakes
- Wheel Assemblies
- Wheels
- Communication Equipment
- Buffers
- Lights
- Strobe Lights
- Trench Replacement Parts
- Conductor Bars
- Rail
- Rail Clips



Sustainability

- EV Charging
- Ship To Shore Power Systems and Parts
- Sustainability Upgrades
- Grant Applications
- Power Distribution Upgrades
- Battery Storage Systems
- Hydrogen Equipment
- Solar
- Oils, Lubricants, and Greases
- Emergency Power



Facilities

- Lighting
- Lighting Controls
- Air Conditioning
- Camera Systems
- Cybersecurity
- IT/OT
- Electrical Equipment
- Wall Plugs
- Signage
- Outdoor Lighting
- Electrical Cables
- Cable Tray
- Panelboards
- Switchboards
- Transformers
- Disconnect Switches
- Automatic Transfer Switches
- Emergency Power



Substations

- Medium Voltage Switchgear
- Medium Voltage Transformers
- Connectors
- Distribution Equipment
- Conduit
- Elbows
- Underground Conduit
- Fiberglass Conduit
- Cable Tray
- MV Cables
- Switches
- Controls
- Motor Control Units



Yard Equipment

- Led Lights
- Reefer Power Equipment
- Light Poles
- Security Cameras and Systems
- Network Systems
- Gate Equipment
- Monitors
- Sensors
- Information Systems

Equipment Solutions



Your partner in keeping your equipment running, improving efficiency, and finding creative solutions for even the most difficult problems

In the ever-evolving world of global trade, ports must continuously adapt to meet changing demands. At Turtle, we provide a comprehensive suite of solutions to support port operations effectively and efficiently.

Customer-Centric Partnership

At Turtle, we place a strong emphasis on forging close, collaborative partnerships with our customers. We work side by side with you to thoroughly evaluate options, meticulously coordinate services, and swiftly resolve any challenges that arise. This proactive approach ensures that your port operations run smoothly and efficiently, with every solution tailored to meet your specific needs.

By leveraging our extensive industry experience and cutting-edge technologies, Turtle empowers your terminal to achieve new heights of operational excellence, safety, and sustainability. We are committed to not only meeting but exceeding your expectations, driving innovation, and fostering long-term success in all aspects of your operations.

Together, we create a seamless experience that transforms your challenges into opportunities for growth and advancement.

Comprehensive Technical Applications

We offer a wide range of technical applications tailored to the needs of container terminals, including:

- Adaption
- Automation Systems
- Construction Materials
- Industrial Controls
- Lighting Solutions
- Motors Adaption

These solutions ensure that your port operations are equipped with the latest technology to maintain high performance.



Specialized Port Engineering Services

Our strategically located offices near major ports enable us to deliver specialized engineering services efficiently. We excel in:

- **Repairing, Rebuilding, Replacing**
Essential port equipment is kept in optimal condition with our expert services
- **Securing Electronics**
We ensure reliable operations for port cranes, house trucks, and other machinery through advanced electronic solutions

Expertise in Equipment Replacement

At Turtle, we specialize in replacing obsolete port equipment, ensuring your terminal stays updated with critical components such as:

- Anti-Collision Systems
- Brakes
- Cable Chains
- Drives
- Motors
- Operator Chairs
- Sensors
- Ship-to-Shore Power Systems

Equipment Serviced

- Automated Guided Vehicles
- House Trucks
- Rail-Mounted Gantry Cranes
- Refrigerated Containers
- Rubber Tire Gantry Cranes
- Ship-to-Shore Cranes
- Small Mobile Equipment
- Stackers/Top Picks

Product Categories

- Anti-Collision Systems
- Automation
- Cable Management
- Controls
- Drive Train
- Facilities
- Improvement/Expansion Projects
- Lighting Solutions
- Monitoring/Sensors
- Power Distribution
- Rebuild/Repair
- Replacement/Obsolete Parts

Engineered Solutions

- Electrical Infrastructure Improvement
- Guidance Systems
- Information Tracking and Management
- Laser Detection/Anti-Collision Systems
- Lighting Applications
- Logistic Tracking
- Retractable Communications Coils
- Ship-to-Shore Power
- Wind Monitoring Systems

Infrastructure Solutions



Specialized Services & Equipment for Today's Ports

We offer a wide range of technical applications, including industrial controls, automation, lighting, motors, and construction materials.

We Excel in Securing Electronics for Port Cranes, House Trucks, and Machinery.

At Turtle, we specialize in replacing obsolete port equipment and sourcing crucial components such as drives, motors, cable chains, operator chairs, brakes, ship-to-shore power systems, sensors, and anti-collision systems.

We partner with our customers to evaluate options, coordinate services, and resolve issues, ensuring smooth and efficient port operations. By providing robust and innovative infrastructure solutions, we keep your operations efficient, safe, and ahead of the curve in today's dynamic industrial landscape.

Our Power System Engineering Capabilities

- Project Management
- Value Engineering
- Preventative Maintenance
- Mechanical and Lighting Energy Audits
- Arc-Flash Personal Safety Studies

IT/OT/Cybersecurity Solutions



Mitigate Cyber Threats and Bolstering Operational Resiliency

Turtle Technology Services has a proven track record of elevating cybersecurity capabilities for some of the world's most established organizations. We are dedicated to helping port terminals meet the Critical Infrastructure Act's standards and improve their overall cyber hygiene.

Comprehensive Cybersecurity Strategy

- **Assessment**
Assess and understand your organization's existing cybersecurity process to identify opportunities for improvement
- **Implementation**
Implement tailored solutions for your organization and continuously optimize cybersecurity processes and technologies
- **Measurement**
Measure success based on metrics that matter most to your organization



Our Services Include

- **Risk Assessments**
In-depth risk analysis of strategic business objectives and operational controls
- **Penetration and Vulnerability Assessments**
Identification, analysis, and a prioritized list of vulnerabilities with customized solutions that drive business outcomes
- **Consulting Leadership**
Executive-level partnership providing strategic and tactical insight into cybersecurity risk and its impact on business operations

By partnering with Turtle, you ensure that your terminals not only meet the highest security standards but also establish a robust cybersecurity foundation for long-term success.

Our efforts align with the **National Cybersecurity Strategy**, which aims to enhance the nation's cyber defenses through a coordinated approach.

Sustainability Solutions



Sustainability Has Long Been at the Core of Our Business Strategy

We consult, specify, design, and bid on projects that advance environmental goals and operational efficiency for port terminals.

Helping Ports Achieve Net Zero Goals by 2030

We are dedicated to helping ports meet their net zero emissions goals by 2030. Our approach includes:

- **Grant Access**
Assisting ports in securing grant money for sustainability initiatives
- **Modernization**
Implementing projects, including hydrogen requirements, to reduce environmental impact
- **Technical Solutions**
Delivering products and services that increase efficiency, reduce costs, and save energy



Scan Now to
View Our 2023
Sustainability
Report

Sustainability as a Strategy

In 2024, Turtle secured a Silver medal from EcoVadis

A trusted platform offering comprehensive ESG ratings covering environmental impact, labor practices, human rights, ethics, and procurement.



Sustainability in our Partnerships

100+ years of experience

Our network encompasses a diverse range of industries, including Original Equipment Manufacturers and Solution Integrators, and we specialize in Equipment Procurement and Construction.

Accelerate Sustainability with TurtleX

Turtle's Green Solution Accelerator

Engaging with next-gen technology to help entrepreneurs scale tomorrow's green business solutions.

Facilities Solutions



Enhancing Port Container Terminal Efficiency & Automation

Port container terminals face unique challenges in managing and maintaining their automation systems. Routine repairs and equipment maintenance can lead to significant downtime and unpredictable costs.

Commitment to Decreasing Downtime

Our close relationships with manufacturers and our own inventory of parts enable us to dramatically decrease downtime. We can shave weeks off the time needed for some responses, ensuring your operations continue smoothly.

Efficient Facility Automation

Our expertise in automation helps port terminals scale their systems efficiently.

LED Upgrades and Electrical Equipment for Ports

We offer a range of LED lighting solutions for equipment, yard lighting, and entire facilities. We also provide assistance with rebates to maximize savings.

Why Choose Turtle?

- **Expertise**
With 100 years of experience, we understand the complexities of managing and automating port container terminals
- **Inventory**
Our extensive inventory and strong manufacturer relationships ensure quick access to necessary parts
- **Efficiency**
We reduce response times and streamline repairs, helping you avoid prolonged downtime and unpredictable costs

Our solutions are designed to enhance efficiency, reduce costs, and support the overall modernization of your terminal operations.

Port Authorities



Experience You Can Count On

With the constant growth of the Marine Port industry, you need a reliable partner to assist with the many different projects required to keep a port running smoothly. From maintaining old products to introducing new technology, Turtle is the right partner to support your vision!

Our network of leading experts, resources, and industry partners to deliver the most effective solutions for our customers' biggest challenges.

Port Authority Product Solutions

- Energy Storage
- Electric Chargers
- Power Distribution Equipment
- Electrical Substation Parts
- Equipment Parts
- Cyber Security OT/IT Solutions, Services, Consulting
Network Systems/Infrastructure
- Safety Materials
- LED Upgrades (Equipment, Yard Lighting, Facilities)
- All Electrical Equipment Needed for Facilities and
Infrastructure Upgrades Ship to Shore Power
Components

Over 40 Years of Working With Marine Ports

We have developed a system and network that allows us to support many applications.

Terminal Operators



Keeping You Moving Forward

Turtle understands how important it is for Terminal Operators to keep the process moving. We have sourced equipment parts for Terminal Operators for over 40 years with strategic relationships with many of the biggest – and smallest – port-specific manufacturers in the world. We can secure almost any crane product on a daily basis to keep the process moving. Turtle is highly efficient at locating obsolete parts while keeping terminals on the front-end of technology.

We offer a full array of technical application solutions requiring product replacement or enhanced application engineering specific to customers who require industrial controls, automation, lighting, motors, and industrial and general construction materials.

Terminal Operator Solutions

- Connectorized Cables
- Local Inventory/Stocking Programs
- Cyber Security OT/IT Solutions, Services, Consulting
- E-commerce Options Sensors for Wind, Anti- Collision, Automation, and Much More
- Electric Chargers
- Equipment Parts for All Styles of Cranes, Top Handlers, ASCs, AGVs, House Trucks, Straddle Carriers
- LED Upgrades with Rebate Assistance (Equipment, Yard, Facilities)
- Network Systems/Infrastructure Safety Materials
- Programs Allowing for Easier Checkouts with Multiple Vendors Sourced to One Order

Our #1 Goal for Helping Terminal Operators

Maximize downtime, manage supply chain reliability, and quickly restore operations after an emergency.

Maintenance Companies



Creating Lasting Relationships

Over the years, Turtle has partnered with numerous maintenance and labor companies to create lasting relationships that are critical to keeping terminals operating. We know how much pressure there is on your team; as your partner, Turtle will work directly with our boots on the ground to review current equipment status while always keeping an eye on the future.

We help customers innovate while they operate so you can stay ahead of the curve with smart solutions designed to advance your goals.

Our main goal is to make sure daily requirements are met while pinpointing improvements to the process. Our services include:

- Surveying equipment to create an inventory of parts and their ages to track timelines for replacement
- Identifying all critical components and creating contingency plans as needed
- Stocking warehouses locally to keep items off the terminal but close by for emergency needs
- Assisting you in identifying the right vendor for your needs
- Getting answers to your technical questions by connecting you with our experts or factory resources
- Leveraging our 40+ years of ports experience to consult on any changes or new ideas
- Providing a single point of contact for streamlined communication and tracking
- Simplified ordering experience with the option of multiple suppliers per ticket

OEMS



Supporting Your Field Products

Turtle partners with some of the industry's largest OEMs and understands the critical need to support the products you deploy, no matter the size of your company. A single damaged piece of equipment can cause a costly slowdown or even a complete shutdown if not swiftly repaired or replaced.

How Turtle Supports OEMs

- Providing the ability to support products at multiple locations through one point of contact
- Offering warehouse space for stocking or consignment programs, allowing you to leverage our existing storage infrastructure to keep your products close to your customers
- Working with factories to get you the best price for the equipment parts you need
- Serving as your feet on the ground at any terminal location to notify you of any issues with your equipment
- Expanding the possibilities for sales through our existing network of customers. Supporting your aftermarket parts requirements so you can concentrate on new sales
- Delivering services and in-field support on request if your staff is running a little thin. We'll get the needed information to you in a clear concise manner
- Handling all our international shipping and receiving through our own logistics partner so you can concentrate on equipment production

Vendors



Access to the North American Market

Turtle partners with the best in the industry to support the supply chain. We work with vendors from across the world to help keep the system running, enhance efficiency, and advance it for the future.

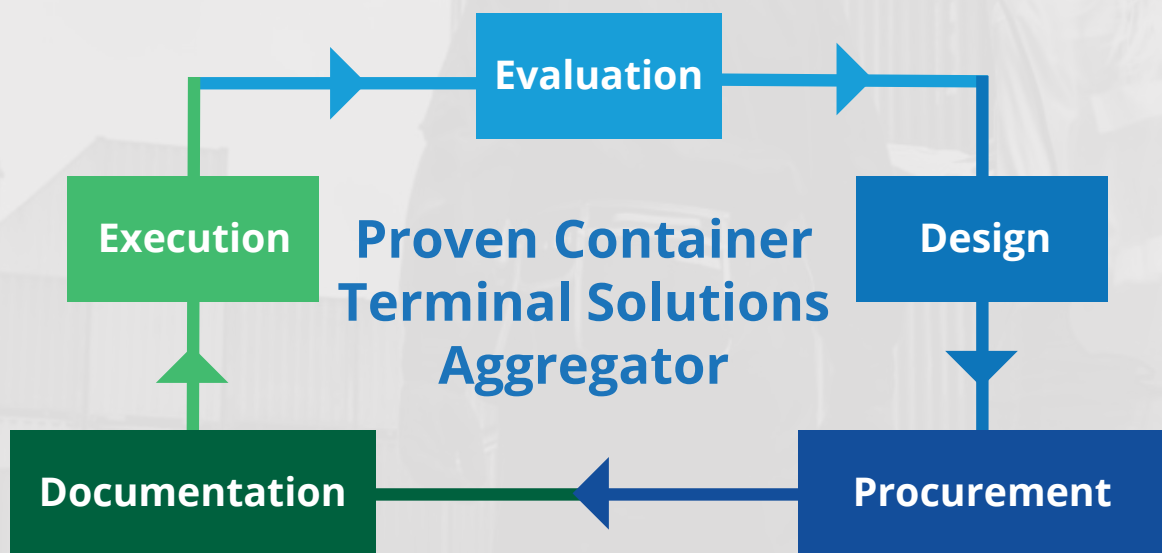
We'll act as your subsidiary or representative, working with North American Container Terminals to stock products locally, provide access to marketing, handle your import/export requirements, and get your products into the right hands.

Turtle is a key strategic partner for vendors looking for support or access to the North American market.

- Partnering with critical vendors in the industry
- Providing access for overseas vendors to North American terminals through our existing network; all done through one point of contact
- Stocking your products locally at our U.S. locations to create a reliable supply chain for your customers
- Your partner for problem solving, commissioning, repair work, warranty issues and more
- Reaching your specific target market across North America through instant access to our marketing. Get your content into the hands of the people who need it
- Guaranteeing your products are in the right hands with our 40+ years of industry experience and relationships
- Providing critical industry feedback to identify existing issues and possible future solutions
- Handling all of your import and export requirements through our international logistics partner. We can arrange pick-up from your factory or shipment with any other terms you require

Our team of experts offer a **comprehensive suite of solutions** to ensure your project meets your deadlines and your design specs.

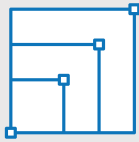
- Design Assistance
- Design/Build
- Value Engineering
- Project Management
- Start Up and Commissioning
- Supply Chain Management
- Cyber Security



Turtle's **Continual** **Commitment to Excellence**



1923
Founded
in NYC
Headquarters
in Clark, NJ



4th
Generation
Family-Owned
EST. 1923



**Woman-Owned
& Operated**
100% of Purchased from
Turtle is Diversity Spend



Largest
Certified Woman-
Owned Electrical
Distributor
US, Canada
& Mexico



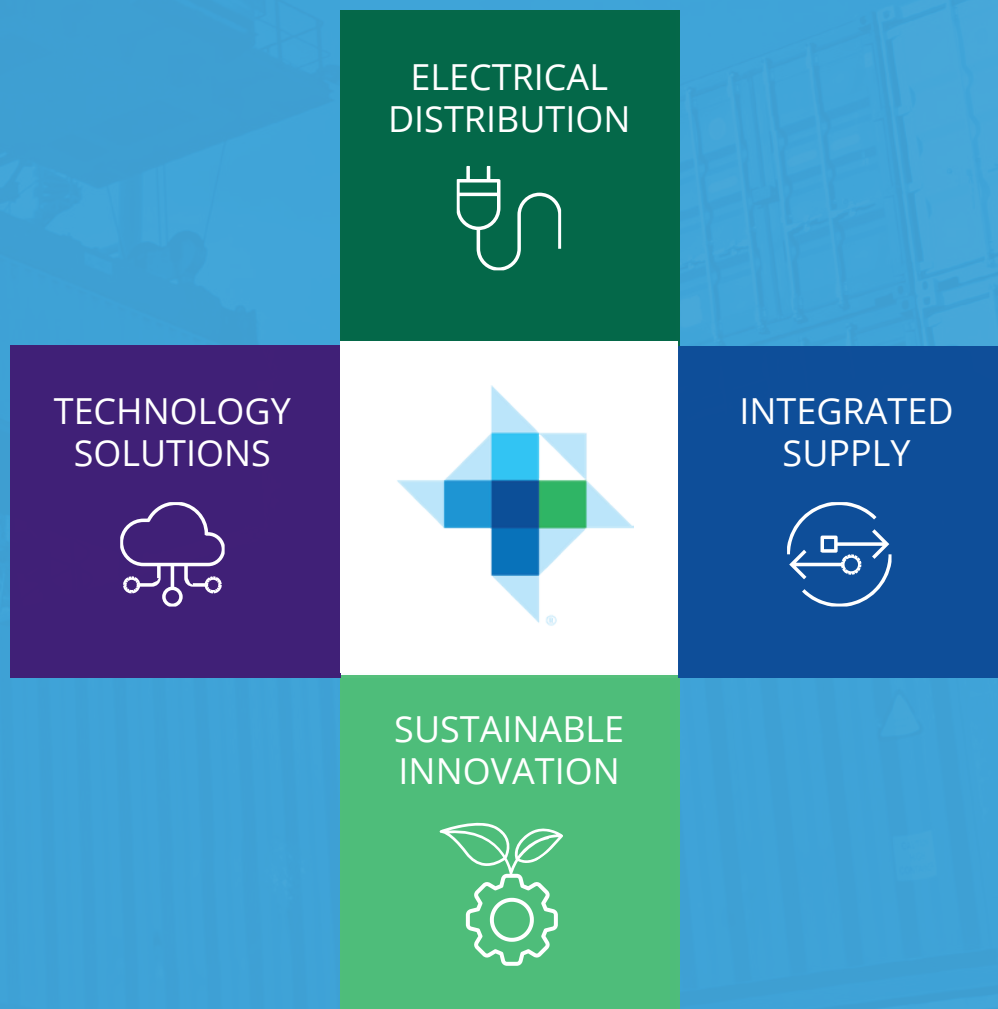
Excellent
NPS Rating
Past 6 Years



**Energy Transition
Leadership**
Silver Ecovadis
Sustainability Rating
Top 16th percentile

Turtle's Holistic Ports Operating Model

Delivering Custom Solutions Dedicated
for Container Terminals





TURTLE

Rethinking Energy. Advancing Tomorrow.

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