



Supply Chain Solutions

As a combined company, WESCO and Anixter offers you comprehensive cost savings programs through a dynamic, multi-tier approach that optimizes performance in each segment of your supply chain. Our lean optimization processes can be deployed to reduce waste, increase efficiencies, and provide measurable savings to any customer.

Our Supply Chain professionals have decades of experience in designing and implementing high performing supply chain models. Consider us an extension of your supply chain organization, ready to deliver tangible value to your bottom line.



World-Class Supply Chain Solutions, World-Class Value for You

The first step in designing the right supply chain solution is an initial meeting with the WESCO and Anixter team to assess your needs. We will lead the process, define the opportunities, and coordinate key activities from our extensive array of services to build a program that addresses your specific requirements.



How WESCO and Anixter Creates Value

1. **IDENTIFY NEEDS:** We meet with you to identify what can help you streamline your supply chain, alleviate pain points, reduce costs, or increase productivity.
2. **ALIGN SOLUTIONS:** Our solution experts review all of your requirements and align them with solutions.
3. **PROPOSE AND REFINE:** We share a proposal for a solution designed specifically for your needs. We work with you to refine the proposed solution.
4. **CUSTOMIZE AND IMPLEMENT:** Our solution experts design and implement customized solutions to meet your needs and deliver value.





Supply Chain Solutions Checklist

Benefits from our Supply Chain solutions are real, long-term, and have a positive financial impact on your business — resulting in reduced cost and labor, improved productivity, or enhanced safety.

To get started, contact the Supply Chain Team at supplychainservices@WESCO.com.

Automation p. 10

- ☐ Assessment Services
- ☐ Automation Audit
- ☐ Drives Commissioning
- ☐ Enclosure Modifications
- ☐ On-site technical support
- ☐ System Design Support
- ☐ Thermal Audit
- ☐ Training services

Data Communications..... p. 10

- ☐ Rack and Stack

Digital Procurement p. 9

- ☐ LINKS: EDI
- ☐ SHOPS: Buy.WESCO.com
- ☐ DOCS: Market Site Integration

Energy, Lighting, and Sustainability p. 11

- ☐ Energy Solutions
- ☐ Renovation Services
- ☐ Turnkey Solutions

Engineering Services..... p. 7

- ☐ Arc Flash Assessment
- ☐ Life Extension and Modernization
- ☐ Power Distribution Services

Lean p. 9

- ☐ Lean Labeling and 5S Signage Assessment
- ☐ Lean Warehousing and Inventory Optimization
- ☐ Process Streamlining
- ☐ Procure-to-Pay Process Design

Safety..... p. 8

- ☐ Chemical Compliance Assessment
- ☐ Emergency Notification System Assessment
- ☐ Hazardous Lighting Assessment
- ☐ PPE Assessment
- ☐ Safety Compliance Assessment
- ☐ Safety Labeling and Signage Assessment
- ☐ Spill and Leak Remediation Assessment
- ☐ Wet and Damp Area Assessment

Security p. 10

- ☐ IP Addressing

Site Services p. 6

- ☐ Job Carts
- ☐ Job Trailer (with eStock or Super Store)
- ☐ Storeroom Management
- ☐ Vendor Managed Inventory (VMI)
- ☐ Wire and Cable Management

SupplyRun Point of Use Solutions

- ☐ SR eStock
- ☐ SR Vend and Locker
- ☐ SR Store
- ☐ SR Super Storeroom, Quick Store, and RFID
- ☐ SR Super Store Trailer
- ☐ SR Smart Drawer
- ☐ SR Flex
- ☐ SR Chem Store

Supply Chain..... p. 4

- ☐ Asset Management and Repair Services
- ☐ Rubber Goods Testing
- ☐ Tool Repair
- ☐ Turnaround, Outage, and Preventative Maintenance Support

- ☐ Duct Banks
- ☐ Electrical and Electronic Component Assembly
 - ☐ Manufacturing
 - ☐ Construction
- ☐ Kitting
- ☐ Packaging and Waste Reduction
- ☐ Stage and Store

- ☐ Capital Project Material Management
- ☐ Integrated Supply
- ☐ Sourcing
- ☐ Tail Spend Management

- ☐ Supply Chain Engineering
 - ☐ Inventory Optimization
 - ☐ Distribution Network Optimization
 - ☐ Transportation Mode and Routing

Training p. 8

- ☐ Arc Flash Training
- ☐ Lockout/Tagout
- ☐ Product Training



Supply Chain

CASE STUDY

Just the Ticket for More Efficient Replenishment

A solar contractor was looking for a supplier that could match their current and future geographic footprint and provide a system to enable their drivers to order supplies from the road. The supplier would also need to ensure warehouse stock was always available to serve the customer's daily replenishment needs.

We designed a solution that would scale with the contractor's growth, implement inventory control, and apply job costing. It uses our proprietary eStock software to provide a pick ticket system to manage a combination of WESCO-supplied and customer-owned material.

As a result of improved material allocations and usage visibility, the customer was able to reduce on-hand inventory in their own warehouses from a one-month supply to one week. Equally as important, each solar technician was able to eliminate 40-60 minutes of waiting time because their truck stock and project materials are staged and ready for pickup sooner.

Save time and simplify production or construction projects with pre-fab systems, assembly services, kitting, and more.

Asset Management and Repair Services

Repair or replace?

Conduct on-site assessments to evaluate equipment repair or replacement options and determine the feasibility of an ongoing maintenance program that can help reduce downtime, increase plant efficiency, and optimize spare parts inventory levels.

Rubber Goods Testing

Regular inspection and testing intervals keep users safe

Managed safety services for dielectric rubber gloves, sleeves, blankets, line hose, hoods, and boots, performed in accordance with ASTM / OSHA standards, with additional accreditation by NAIL for PET.

Tool Repair

Reduce downtime, increase plant efficiency, and optimize inventory levels of spare parts

Conduct an on-site assessment to evaluate tool repair or replacement options and determine the feasibility of an ongoing maintenance program.

Turnaround, Outage, Preventative Maintenance Support

Develop a plan for scheduled downtime

Manage process related to planned maintenance for mines, manufacturing plants and other facilities.

Duct Banks Assembly

Less "in-the-ditch" installation time for workers reduces safety risks

Provide a custom proposal for the assembly and delivery of ready-to-install duct bank units used to house electrical conduit. A flow of duct bank assemblies to the job site is included.

Electrical and Electronic Component Assembly

Improve system efficiency, streamline the supply chain, and reduce repair and operation costs

Manufacturing

Combine customized parts and subassemblies into one or several complete components for installation. Use in virtually any system including OEM end products, utility substations, and transmission lines.

Construction

Create prefabricated electrical solutions for large projects with repeatable bills of material based on floor design, such as hotels, hospitals, office buildings, and multi-family dwellings.

Kitting

Minimize SKUs, streamline ordering processes, and increase productivity

Pre-package multiple components into one kit to reduce errors, improve material handling, and reduce labor costs.

Packaging and Waste Reduction

Keep the work site free of needless waste

Open shipments, dispose of packaging, prepare for delivery to customer or construction site.

Stage and Store

Products are packed for delivery as needed onsite

Receive shipments, dispose of packaging, and staged in our facilities for JIT delivery to the construction site or factory floor.

Stage and Store and Packaging and Waste Reduction



Capital Project Material Management

Instant visibility to your project materials

WESCO and Anixter's proprietary system allows you to see where your products are at any time.

Integrated Supply

Provide low cost centralized procurement and fulfillment solutions

Offer a wide selection of supply management solutions, including procurement services, technology-based tools, inventory management services and cost savings programs to improve the total supply chain performance. Programs are uniquely designed for each customer's needs including full service, turnkey Integrated Supply Programs, Hybrid programs leveraging local distributor expertise, and tail spend sourcing-based programs.

Sourcing

Competitive pricing and timely delivery

Provide competitive pricing and timely delivery for a spot-buy product purchase through WESCO and Anixter's national and local relationships with thousands of suppliers. Green procurement services may be available.

Tail Spend Management

Reduce transaction costs and improved visibility into unleveraged B & C item spend

Consolidate low use, high mix unleveraged items and P-card spend to deliver lower total cost of ownership and cost savings. Approach can include the use of procurement systems to reduce time spent identifying and requesting items and provides visibility of purchase history.

Supply Chain Engineering

Inventory Optimization

Reduce working capital while optimizing service levels

Deploy an analytic approach to optimizing inventory in a facility or across the enterprise. Approach leverages industry leading technology to evaluate historic demand patterns while incorporating unique business needs to determine target inventory levels.

Distribution Network Optimization

Determine ideal locations for DC's to minimize cost while maximizing supply chain responsiveness

Optimize number of facilities in your supply chain network to support business strategy. Align assets to match customer demand profile by designing a long-term strategy for facility location and size. Understand operational and last mile delivery constraints by running what-if scenarios and make informed decision with visibility to labor, real estate and transportation cost trade off.

Transportation Mode and Routing

Optimize transportation strategy to minimize logistics costs with high customer service

Optimize transportation cost by consolidating shipments smaller shipments into multi stop routes. Determine optimal sourcing assignment by using total cost to serve rather than lowest product cost. Design last mile delivery strategy for assigning customers to DC's to achieve lowest cost to serve within given service constraints. Evaluate cost – service tradeoff for moving transportation to low cost modes (LTL to FTL, FTL to Intermodal, and FTL to Rail).

CASE STUDY

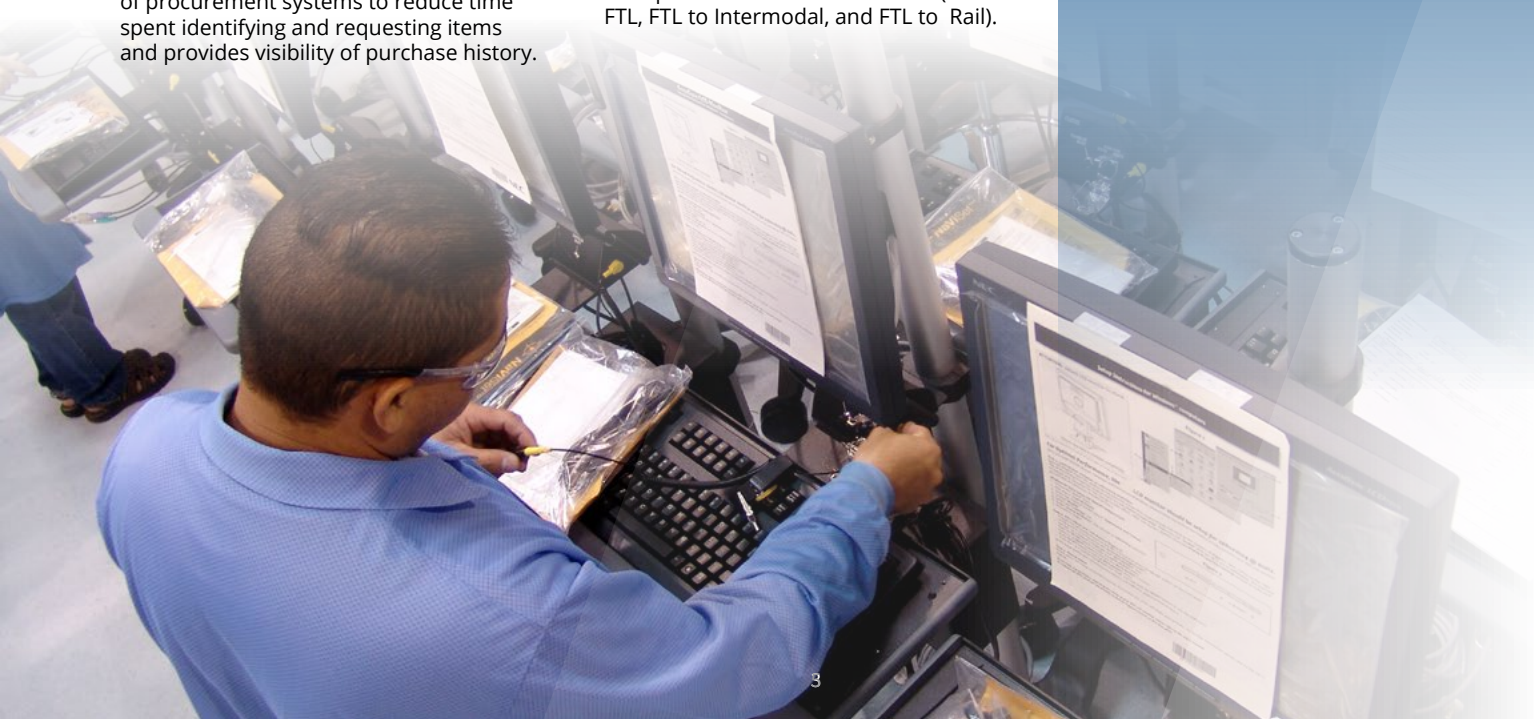
Gloves Always on Hand

A U.S. nuclear plant needed to control distribution of gloves and standardize across locations to leverage their annual spend with manufacturers.

They wanted to reduce the total cost to procure (i.e. handling cost, inventory optimization, transaction management and accounts receivable) and ensure gloves were accessible to badged employees and contractors 24 hours a day.

A vending solution was determined to be best but the plant did not want to turn employees' Personal Identifiable Information over to WESCO. We were able to work with only badge numbers and update the list monthly via an automated EDI upload from the plant.

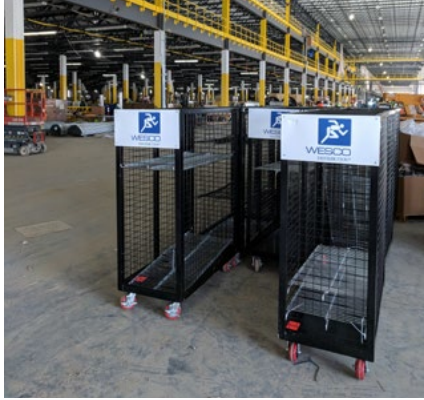
Now with four machines in two facilities, employees can get materials near their work station rather than from a distant storeroom and the customer handles it all with a single consolidated bill each month.





Site Services

Materials management made easy. When your needs are complex we offer you a simple proposition: the right material, at the right time, in the right place, for the right price.



Job Carts

Deliver related products together to the installation point.

Move material to the right floor and specific room with ease for faster installation.

Job Trailer (with eStock, or SuperStore)

Keep MRO products easily accessible on the job site

Inventory is managed in a job site trailer by a WESCO and Anixter representative, providing a cost-effective solution for a construction project or temporary project.

Storeroom Management

Reduce cost of inventory control processes

Manage some or all of a facility's storeroom inventory, evaluating levels and material management practices to better classify, track, and control supplies.

Vendor Managed Inventory (VMI)

Reduce layers in the supply chain, increase stock visibility, and decrease overall stock levels

Implement a supply chain practice where designated inventory is monitored and managed by the vendor.

Wire and Cable Management

Customize inventory and material management processes

Cut-to-length service for wire or cable, just-in-time delivery, custom reel labeling and tagging, as well as paralleling, striping, and bundling.

SupplyRun Point-of-Use Solutions

We provide you with intelligent, accurate ways to control and track PPE, MRO, and other employee-vended supplies and tools. These dispensing systems help supply managers ensure that they have the right quantity of supplies in the right locations, available for storeroom and supply chain managers — every hour of every day.



SupplyRun Vend and Locker

Badge, pin code, or bar code access; Holds a max of 50-60 small, high-value items

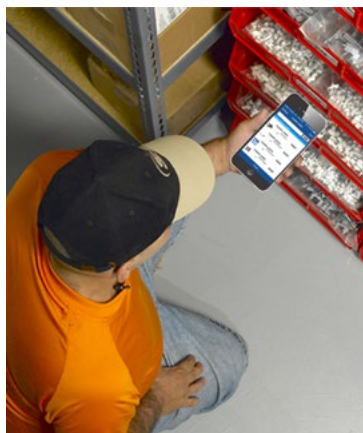
SupplyRun Vend is a low-cost investment that offers 24/7 availability, consolidated reporting and complete control over inventory.



SupplyRun Store

Badge, pin code, or facial recognition and flexible product configurations

SupplyRun Store provides state-of-the-art flexible configuration, secure access video monitoring, and check-out-and-return dispensing. One machine stores the same as two to four traditional machines, therefore dispensing costs are 50-70% lower.



SupplyRun eStock

Optimize the ordering process through data analysis, order points, and bar coding

Replenish or manage inventory in a storeroom, truck, or trailer using WESCO and Anixter's mobile, cloud-based eStock program. eStock provides simple point, scan, and replenish capabilities, 2Bin (Kanban), and user or work-order specific checkout applications.



Engineering Services

Engineering Services can improve the efficiency and longevity of your business equipment to help you realize the greatest ROI from your investment.

Arc Flash Assessment

Estimate the incident heat energy of any electric-arc hazard to which a worker would be exposed

Offering a complete, turnkey arc flash safety solution to help reset safety in facilities. Protect what matters most by taking the proper steps to mitigate the risks of arc flash.

Life Extension and Modernization

Extend life of critical components and migrate to current technology

Extend the life of existing systems by providing aftermarket services or updating and refurbishing electrical equipment from any manufacturer, bringing them into full compliance with new code and safety standards.

Power Distribution Services

Increase visibility and improve control of power systems

Review power distribution needs in a facility, then design and integrate electrical distribution equipment, low-voltage and data assemblies, and systems for energy management and lighting control into one Integrated Facility System (IFS) assembly.



SupplyRun Super Storeroom, Quick Store, and RFID

SuperStore - Automated solution allows job and user allocation and restrictions and has the same scanning and camera monitoring as SupplyRun Store. Its intelligent replenishment options use mobile, hardwire, or Wi-Fi technology, secure access and video monitoring, and world-class data management and reporting capabilities. Can be added to any new or existing storeroom, cage, or job trailer.

QuickStore - Use when video is not needed but product tracking of replenishment is critical. The standalone inventory management system is suitable for locations where cellphones or mobile devices are not permitted.

SuperStore with RFID - Products can be set up for both scanned check-out and RFID check-out. Special packaging for products for easy tagging is available. Multiple user access and job and user allocation and restrictions is possible.

SupplyRun SuperStore Trailer - A secure access trailer with all the bells and whistles of the SuperStore technology

SupplyRun SmartDrawer

Part of a standalone material management program or paired with SupplyRun Flex to deliver added benefits

Smart Drawer is a comprehensive, flexible drawer-based storage system that can be customized with weight-based technology designed to dispense single or multiple items in patented locked "smart" compartments.

SupplyRun Flex

A modular, built-to-order flexible inventory control system

The customized system can include locking storage compartments, bins, shelves, and drawers and can manage different products based on specific required levels of control. The Flex's modular design allows for quick reconfiguration or expansion as your inventory control needs change.

SupplyRun ChemStore

A vending solution tailored to the operational and security needs of chemical usage

The ChemStore prevents employees from accumulating chemicals or hazardous products at their workstation by requiring products to be checked out and checked in.





Training

Informed employees are safer and more productive.

Arc Flash Training

Mitigate risks of working within electrical panels

Identify the hazard risk category and define the personal protective equipment (PPE) requirements for safely performing work on electrical panels, starting with short-circuit and coordination analysis.

Lockout/Tagout

Design a comprehensive, OSHA compliant electrical safety program

Implement a comprehensive lockout/tagout strategy and training program, help achieve a safer working environment, and aid in OSHA compliance with the 29 CFR 1910 standard for The Control of Hazardous Energy.

Product Training

Learn about new products

Customize supplier-directed product training to increase the correct selection and use of new equipment in customer-specific applications.



Safety

Keep your employees and customers safe, secure and productive at all times, in all conditions.

Chemical Compliance Assessment

Enhance safety of chemical storage and use

Conduct an in-depth, plant-wide chemical use survey to identify improvements for product applications, storage, OSHA/EPA compliance, and risk "hot spots."

Emergency Notification System Assessment

Ensure safe and effective evacuation during emergency situations

An on-site review of emergency notification systems that identifies gaps in evacuation plans and systems. Recommend upgrades to your response strategies and signaling systems, with the focus is on potential risks to human life and property.

Hazardous Lighting Assessment

Identify durable lighting solutions for any environment

Examine the current lighting and electrical systems in harsh and hazardous environments to help eliminate maintenance costs, reduce SKUs, improve safety, and reduce energy consumption and related costs at the facility.

PPE Assessment

Recommend application-specific safety equipment

Conduct an on-site evaluation to identify opportunities for closing PPE compliance gaps, replacing/upgrading equipment, and managing PPE inventory. Assessments can be done for whole body protection or specific protection applications.

Safety Compliance Assessment

Achieve safety and regulatory compliance while reducing risk and fines

Perform an assessment to help achieve and maintain regulatory safety compliance and interpret safety codes and regulations. Provide recommendations to avoid fines, prepare for inspections, and reduce the risk of litigation.

Safety Labeling and Signage Assessment

Assess critical visual communication needs

Assess the status of a facility's safety and signage labeling, providing a variety of service and product options that protect employees and facilities against inherent risks.

Spill and Leak Remediation Assessment

Assess safety risks throughout the facility

Conduct a facility survey to discover potential risks, and provide recommendation for spill and leak prevention and corrective responses, including substrate-to-spill compatibility and options to address workplace safety needs.

Wet and Damp Area Assessment

Isolate electrical systems from liquids that impact manufacturing performance

Review the current state of electrical systems to identify potential safety and maintenance issues such as power failure, contamination, corrosion, liquid ingress, or other problems that can negatively impact a plant's manufacturing process.





Lean

Let us help you uncover opportunities for improvement.

Lean Labeling and 5S Signage Assessment

Post critical point-of-use information on the shop floor to create "just-in-time" communication

Floor markings, labeling, signs, and other visual tools can create a "just-in-time" communication system to ensure that best practices remain clearly visible to everyone in the facility.

Lean Warehousing and Inventory Optimization

Run a more organized and efficient warehouse operation

Apply Lean principles to inventory organization, storage, layout, flow, and handling processes. Optimize required inventory levels and establish efficient replenishment processes, including demand forecasting and inventory planning.

Process Streamlining

Eliminate non-value-add actions

Apply Lean concepts such as value stream mapping, time/motion studies, process value assessments, space utilization analysis, and error-proofing to streamline existing processes.

Procure-to-Pay Process Design

Minimize "hidden" operating costs

Design efficient transaction integration processes, leveraging automation to minimize non-productive effort spent re-entering orders, receipts, and correcting invoice mismatches.



Digital Procurement

In an always-on world, our digital solutions keep you connected.

LINKS: EDI

Streamline the process for sharing business data and transaction documents

Provide implementation support for eBusiness document integration, translation, and routing, allowing users to streamline sending and receiving many different types of documents including purchase orders, invoices, ship notices, and various other forms of business data (EDI and XML).

SHOPS: Buy.WESCO.com

Place purchase orders and check product availability 24/7

View customer-specific pricing, order history, invoices, and reporting around-the-clock. Users can log in directly, or enable PunchOut technology to remove "double-entry" for PO creation through tight integration with ERP systems.

DOCS: Market Site Integration

Easier ordering through market sites

Integrate with major third party market sites (Ariba, Hubwoo, SciQuest, etc.) for electronic document translation and routing, PunchOut web ordering, and hosted electronic catalogs.



Automation

Prevent unexpected downtime with proactive measures.

Assessment Services

Optimize your plant floor operations

Conduct baseline evaluations of plant floor technical skills, procedures, equipment operation, reliability and uptime monitoring/analysis, spare parts inventory, risk, safety and security and other automation-related assessments.

Automation Audit

Gain insight into equipment life

Review equipment on site for age and condition, and identify other processes that could be automated.

Drives Commissioning

Achieve optimum reliability and performance

WESCO and Anixter Automation Specialists come to your facility for onsite support to ensure that your drive is properly commissioned.

Enclosure Modifications

Automate a traditionally labor-intensive process

Make precisely engineered holes and cutouts that even a skilled hand can't match, for perfect, repeatable results.

On-site Technical Support

Engage with experts for end-to-end support

Provide onsite support for product configuration, application support, startup and commissioning, and beyond.

System Design Support

Streamline your system development

Develop a BOM for Automation equipment.

Thermal Audit

Detect excess heat before it causes damage

Conduct onsite or virtual thermal audits to identify potential issues and recommend the proper cooling solutions to keep facilities up and running smoothly.

Training Services

Elevate salesperson's knowledge

Conduct training for customer workforce to provide them with the necessary skills and knowledge on all automation-related topics.



Data Communications

Critical service at the center of every business

Rack and Stack

Pre-configure physical hardware to reduce jobsite labor and packaging waste

Assemble rack or cabinet components for a multi-site roll-out into one standardized, complete unit that ships with all equipment manuals after a quality inspection.



Security

Keep your data center and facilities safe

IP Addressing

Reduce installation time of security cameras

Preconfigure cameras and network devices with proper IP addressing and documentation to eliminate out-of-box failures, reduce installation time, and provide easy jobsite identification.



Energy, Lighting, and Sustainability

Manage your energy and environmental footprint efficiently and sustainably.

Energy Solutions

Discover options to reduce energy use and cost

Assess how buildings use energy through a combination of historical utility bill analysis, building performance review, and onsite inspections and monitoring. Energy conservation measures are identified, evaluated, and prioritized based on payback criteria, energy savings, and feasibility.

Renovation Services

Retrofit lighting and update other systems to reduce energy consumption and maintenance costs while supporting sustainability initiatives

Analyze and identify opportunities in existing environments to update energy-efficient systems, including lighting, advanced controls, solar, smart metering, and EV charging while minimizing maintenance costs and coordinating installation requirements.

Turnkey Solutions

One-source approach streamlines the end-to-end process and offers direct access to the latest technologies

A single point of contact to survey existing systems, perform energy audits, design energy system upgrades, integrate with building management systems, complete installations and optimize rebates. This one-source approach delivers increased energy efficiency with reduced operating costs and environmental impact.

CASE STUDY

Lighting Solution Reduces Utility Spend and Maintenance Costs

A mid-west regional hospital and their adjoining assisted living space required a full facility lighting retrofit. The primary goal was an estimated 10-year savings of \$800,000. The lighting upgrade needed to address staff and patient safety and be completed during normal operation hours.

The team was tasked with full project management from planning to implementation to replace interior and exterior lighting with LED. The customer required a 58% reduction in lighting usage and intended to leverage the available utility program incentives to maximize ROI.

A full turnkey solution was executed resulting in total annual energy savings of \$108,972. The first year ROI was 38% with an estimated simple payback of just over 2.5 years.

CASE STUDY

Support for Large and Small Locations



A large oil refiner with multiple locations needed a full-service PPE supplier. Services requested in their RFP included expertise, VMI, dispensing solutions, and a high-level service guarantee.

The customer's location exceeded 800 acres and had multiple storage locations both on and off site. Previous suppliers struggled to maintain consistent service, product availability, and reliable solutions. The refinery acknowledged that some of their locations did not have the volume to support a traditional storeroom.

We worked with the customer and manufacturing partners to create a two-tier supply system. This ensured regular demand was met and provided a contingency source when demand increased due

to shutdown or if the primary supplier experienced delivery issues.

In addition to providing consistent supply, WESCO developed service and delivery standards that exceeded the customer's requirements. Multiple VMI programs were established and serviced daily. As back-up to the VMI programs, the local branch instituted a 24/7 emergency service protocol ensuring product is always available.

We installed and continue to service 16 dispensing machines at various strategic locations throughout the refinery. This ensures a consistent supply of PPE and consumables at point of use for all locations regardless of their consumption.

In a large facility, a trip to central stores may take five or more minutes.

At the customer's refineries in 2019 there were 69,282 trips to the storeroom.

At five minutes each, that's 5,773 hours.

Multiply by \$50 per hour and you're looking at \$288,675 worth of unproductive time every year.



By moving supplies closer to the workers, work interruptions are reduced.

Placing dispensing machines at the point of use can reduce the travel time to one minute — returning

\$230,940

of productive work time to the company.



WESCO Distribution, Inc.
225 W. Station Square Drive, Suite 700
Pittsburgh, PA 15219
412-454-2200 buy.WESCO.com

WESCO International, Inc. (NYSE: WCC), a publicly traded FORTUNE 500® company headquartered in Pittsburgh, Pennsylvania, is a leading provider of business-to-business distribution, logistics services and supply chain solutions. Pro forma 2019 annual sales were over \$17 billion, including Anixter International which it acquired in June 2020. WESCO and Anixter offers a best-in-class product and services portfolio of Electrical and Electronic Solutions, Communications and Security Solutions, and Utility and Broadband Solutions. The company employs over 18,000 people, maintains relationships with over 30,000 suppliers, and serves more than 150,000 customers worldwide. With nearly 1.5 million products, end-to-end supply chain services, and leading digital capabilities, WESCO and Anixter provides innovative solutions to meet current customer needs across commercial and industrial businesses, contractors, government agencies, institutions, telecommunications providers, and utilities. WESCO and Anixter operates nearly 800 branch and warehouse locations in over 50 countries, providing a local presence for customers and a global network to serve multi-location businesses and multi-national corporations.