

**MONROE**

THE MONROE DIFFERENCE

[WWW.MONROEENGINEERING.COM](http://WWW.MONROEENGINEERING.COM)

# WHY MONROE?

Our Monroe team lives by a simple question, “How can we help?” Monroe has grown with so many customers because we were never afraid to help a customer attack an issue to get it solved correctly, quickly, and efficiently. We continually expand our standard product offering based on the needs of our customers and have expanded our contract manufacturing capabilities to offer more custom solutions than ever before. Backed by a rock-solid quality system, our goal is to help you with your “problem of the day”.



## QUALITY

Monroe operations are compliant to ISO9001:2015/AS9100D standards. We continually strive to improve processes with the objective of offering world-class partner satisfaction.



## DISTRIBUTION CENTER

Monroe stock and sell centers are nationwide to ensure close local proximity to ensure fast shipment to your business.



## GLOBAL MANUFACTURING

International and domestic sourcing partners ensure we match need for value to the best source.



## PRODUCT SPECIALIST/CUSTOMER SERVICE

Qualified Monroe sales engineers answer your calls and inquiries. They are empowered to provide solutions. They are trained in inventory management, manufacturing solutions, and customer-centric service. They are partners--not salespeople.



## VENDOR CONSOLIDATION

Our international network and vast product offerings allow us to single source multiple products, kitted in bulk. We are your purchasing partner and consultant.



## NATIONAL ACCOUNT PROGRAMS

Monroe supports national account programs for our multi-site partners that include world-class customer support, contract pricing and diverse distribution centers.



## PRODUCT STANDARDIZATION/SUBSTITUTIONS

Monroe can offer an alternate product to your standard items and lower costs via our vast network of quality partners.



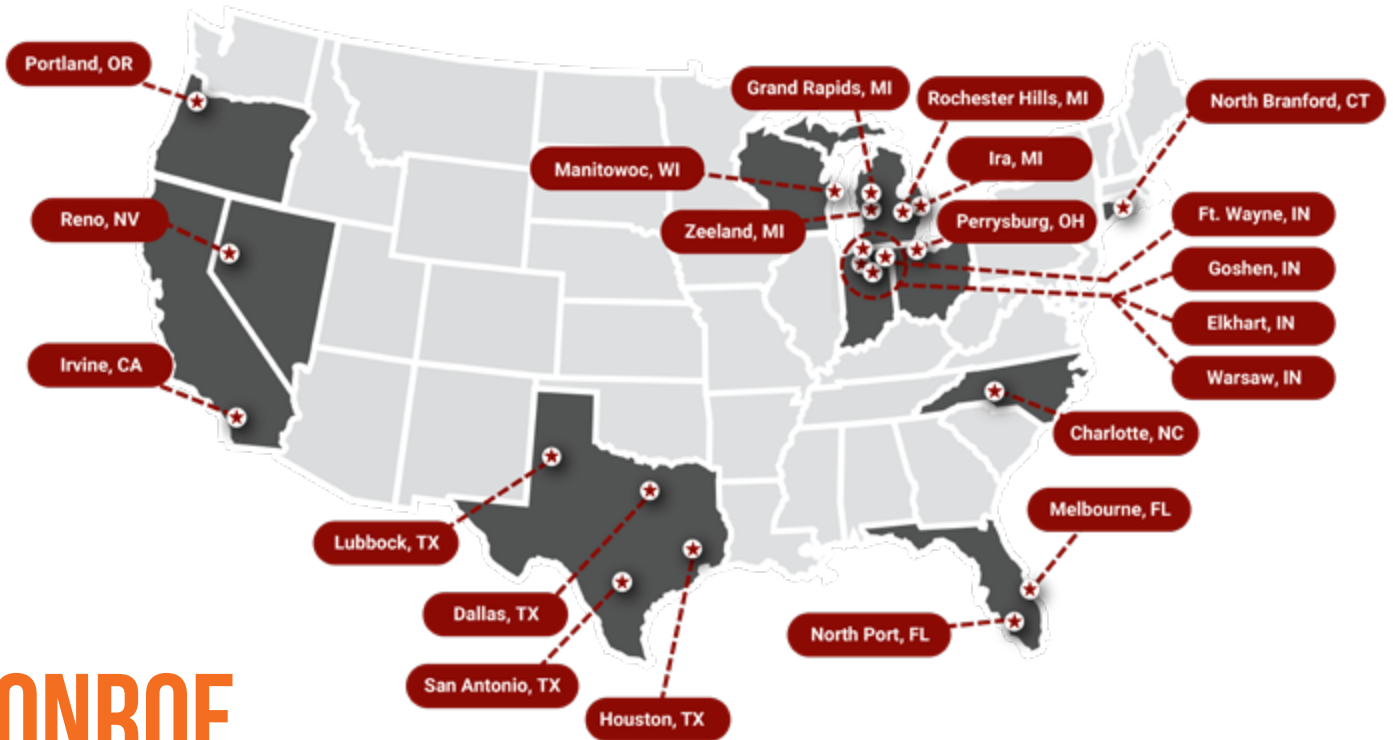
## E-BUSINESS SOLUTIONS (EDI)

Monroe offers EDI solutions to improve accuracy, speed and cost efficiency of exchanging PO's, invoices, shipping notices and other documents.



## CUSTOM MANUFACTURING

From tank turrets to trolley wheels, from door hinges to airplane hinges, Monroe is a powerhouse in managing your manufacturing programs. Whether new business, resourcing, or reverse engineering.....we can help.



# MONROE LOCATIONS

UNITED STATES

## MICHIGAN

- ROCHESTER HILLS
- IRA
- GRAND RAPIDS
- ZEELAND

## CALIFORNIA

- IRVINE

## CONNECTICUT

- NORTH BRANFORD

## FLORIDA

- MELBOURNE
- NORTH PORT

## INDIANA

- ELKHART
- FT. WAYNE
- GOSHEN
- WARSAW

## NEVADA

- RENO

## NORTH CAROLINA

- CHARLOTTE

## OHIO

- PERRYSBURG

## OREGON

- PORTLAND

## TEXAS

- DALLAS
- HOUSTON
- LUBBOCK
- SAN ANTONIO

## WISCONSIN

- MANITOWOC

# MONROE VMI


## OUR MISSION AND VISION

As a manufacturer, your need for parts is mandatory for maintaining required inventory levels. One of the best solutions to this issue is Vendor Managed Inventory (VMI). VMI is a streamlined approach to order fulfillment and inventory management where we will fulfill stock requirements in a bin at your location(s).

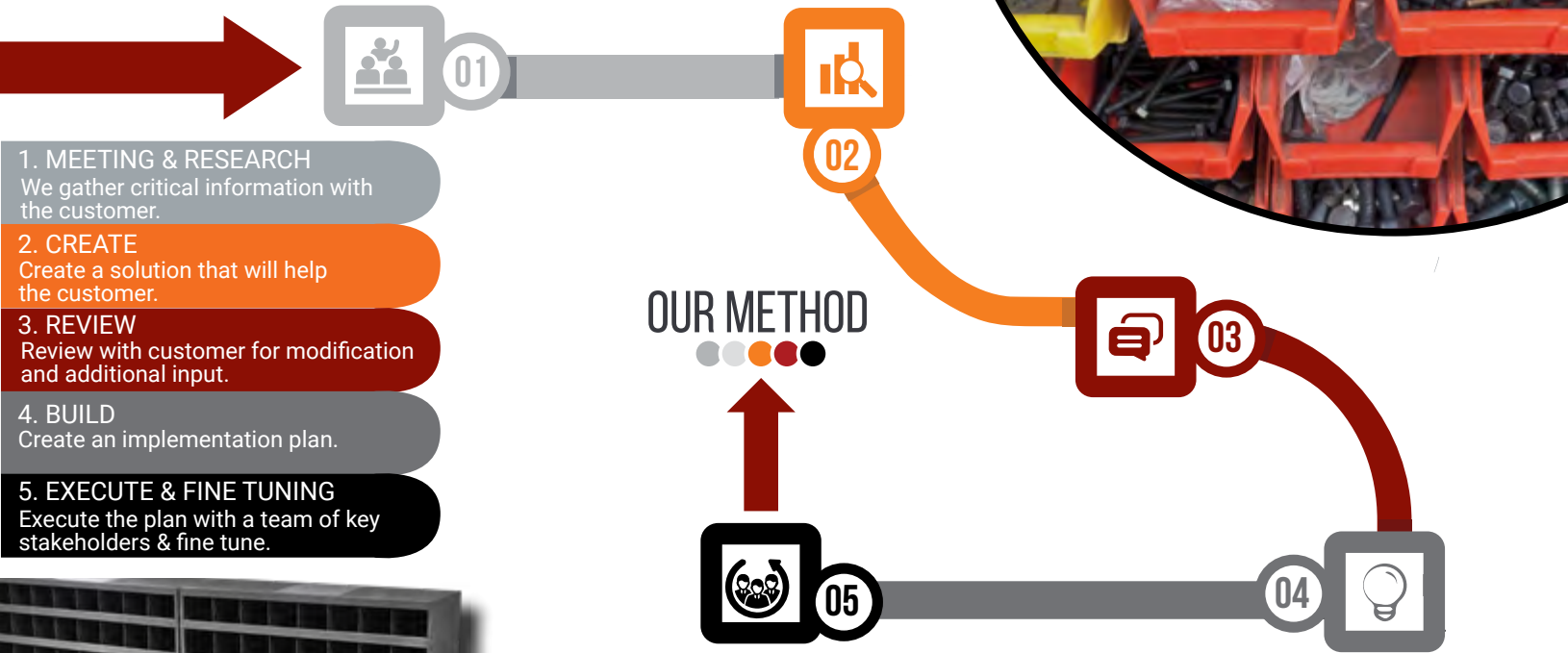
With Monroe's VMI programs, we can customize the program to meet your needs. With our experienced field experts, we can help you lower transaction, receiving, purchasing and quality costs. Our VMI services will also help you to reduce inventory outages so that you can help minimize any costly downtime and maximize productivity.

Monroe offers fully customizable VMI programs for our clients. Most services are provided with little or no cost to our customer.

## EXPERIENCE THE BENEFITS OF MONROE'S VMI SERVICES:

- 
- Shorter lead times with delivery coordination
  - Reduction of safety stock
  - JIT Inventory
  - Easier forecasting
  - Control the availability of goods
  - Focus on revenue & core competencies
  - Reduce downtime with supply efficiencies
  - Reduction in admin costs

# OUR FASTENER AND VMI APPROACH



**PLEASE CONTACT US TO LEARN MORE ABOUT THE FOLLOWING SERVICES:**

- Field Support
- Cabinet & Bin Program
- Stock & Release
- Custom Kits & Bagging
- Reverse Engineering Parts
- Global Sourcing



# VMI PRODUCTS



## NUTS

- Heavy
- Jam
- Lock
- Keys
- Acorn
- A325 & A490
- Wing



## WASHERS

- USS & SAE
- A325
- Fender
- Split L/W
- Beveled
- Int/Ext L/W
- Hi Collar L/W



## FITTINGS

- Air
- Black Pipe
- Push-to-Connect
- Brass
- Hydraulic



## SAFETY SUPPLIES

- Fall Protection
- Safety Glasses
- Hard Hats
- Gloves
- Ear Plugs
- Masks



## SCREWS

- Tapping
- Wood
- Thread Cutting
- Drywall
- Machine



## ROD

- Threaded
- B-7 Alloy
- Foundation Anchor
- Custom Studs
- All Materials



## PINS

- Cotter
- Spring
- Clevis
- Detent
- Marina
- Ball
- Locking



## SPRING PLUNGERS

- Spring
- Ball
- Press Fit
- Retractable
- Lateral
- Standard



## BOLTS

- Carriage
- Hex Lag
- Elevator
- Plow
- A325 & A490



## CUTTING TOOLS

- Drill Bits
- Taps Dies
- Bandsaw Blades
- "Sterling" Recip. Blades
- End Mills
- Saw Blades



## HEX HD CAP SCREWS

- Grade 2, 5, 8
- Stainless
- Metric



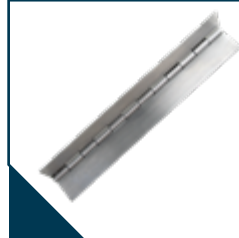
## MATERIAL HANDLING

- Storage Bins
- Hoists
- Lifting & Turned Eye Bolts
- Shackles
- Slings
- Banding



## ABRASIVES

- Grinding Wheels
- Cut-Off Wheels
- Belts
- Wire Brushes



## HINGES

- Piano
- Heavy-Duty
- Ceramic
- Butt
- Mil-Spec
- Plastic
- Door
- Strap
- T-Hinge



## ANCHORS

- Stud
- Sleeve
- Nail-In
- Drop-In
- Caulk-In
- Chemical
- Tapcon



## STRUT

- Clevis Hangers
- Beam
- Cush-A-Clamps
- Brackets
- Clamps



## HANDLES

- Adjustable
- Pull
- Crank
- Revolving
- Fold-away
- Ball



## ELECTRICAL

- Wire
- Terminals
- Cable Ties
- Heat Shrink



## MAGNETS

- Neodymium
- Ceramic
- Lift
- Catches
- Cylindrical
- Flexible



## SEALS

- O-Rings
- Gaskets
- Oil Seals
- Hydraulic Seals



## CHEMICALS

- Penetrating Oil
- Brake Cleaner
- Contact Cleaner
- Threadlockers
- Silicone Sealants
- Food Grade
- Antiseize
- Degreasers



## LATCHES

- Spring
- Flat
- Lock



## SOCKET SCREWS

- Domestic & Import
- Socket, Button, Flat
- Shoulder Bolts
- Set Screws
- Dowel Pins



## KNOBS

- Grip
- Instrument
- Ball
- Wing
- Soft Touch
- Locking



## QUICK RELEASE PINS

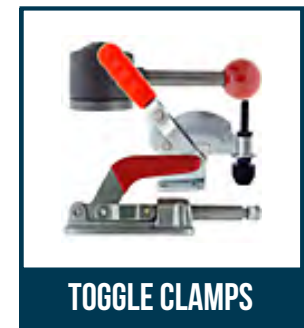
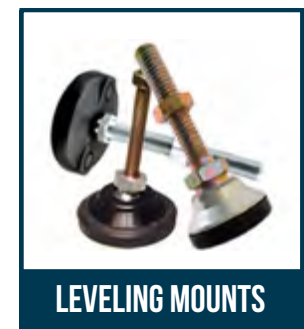
- Ball
- Ring
- T-Handle
- L-Handle

**We also offer a broad product line that will help you consolidate vendors and reduce costs.**

# MONROE ALSO OFFERS

Monroe is a **ISO 9001:2015 & AS9100D certified** global industrial manufacturing company offering a broad product line and has a diverse customer base of manufacturers, distributors and catalog-houses across several vertical markets.

We specialize in Custom Manufacturing, Hinges, Piano Hinges, Adjustable Handles, Pull Handles, Spring Plungers, Handwheel, Knobs, Magnets, Leveling Mounts, Crank Handles and much more.





# MONROE AEROSPACE



Monroe Aerospace is a stocking distributor of Aerospace and Mil-Spec hardware. We have an extensive inventory of "AN", "MS" and "NAS" fasteners, electrical components, O'Rings, and one of the largest inventories of Cherry Rivets, Hi-Loks, Camloc and Fasteners in the United States.

Our inventory has expanded to include bearings, lighting, Tempo paints, hoses, and tooling. Every part that we sell is in Factory New (FN) condition and we provide our company's certificate of conformance for all parts on every order.



Our pricing is extremely competitive and we make reducing your hardware costs our top priority. We stock over 28,000 line items, buy in large quantities, receive excellent pricing and we will pass those savings on to you.



Our Monroe Aerospace catalog is the most comprehensive aviation hardware catalog in the industry. It contains a wealth of technical information for both mechanics and purchasing agents.

*It is available online on*

**MONROEAEROSPACE.COM**

*for viewing or downloading to your desktop.*

# CUSTOM CABLE & WIRING

Our custom cable & wiring team has continually exceeded customer expectations with our wide array of custom capabilities and the emphasis we put behind our customer service methodology.

Our rugged cable & wiring solutions are designed to perform at the highest level under the most extreme conditions. Like all of our product lines, we pride ourselves on delivering high quality, reliable product solutions that perform where other cables and wires continually fail.

Whether you are in the initial stages of design and prototyping, or ready to start producing at volume, our flexible, experienced team can jump in during any point to collaborate, consult, and deliver to your specifications.



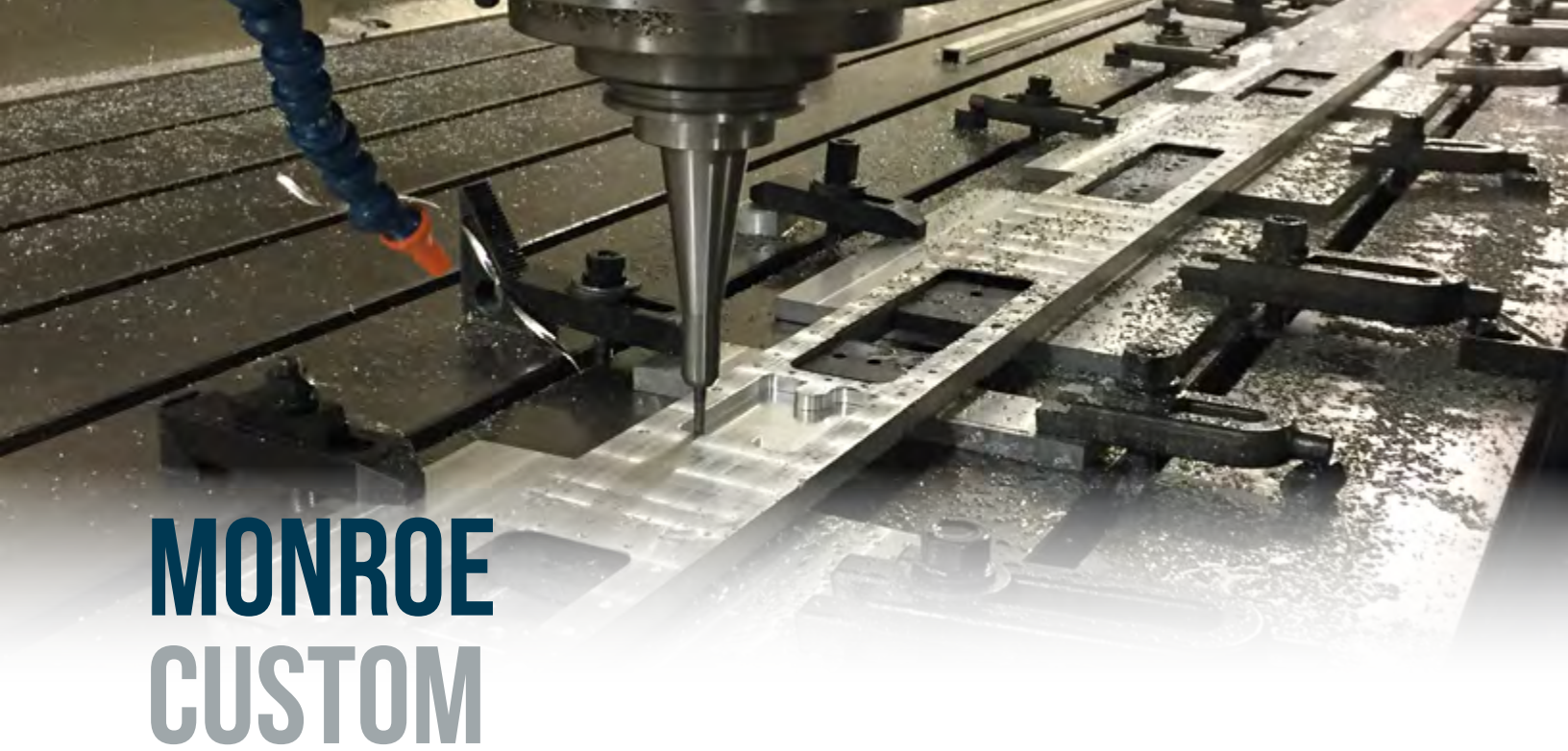
## THE MONROE ADVANTAGE

- ✓ High performance custom cable assemblies & wiring harnesses
- ✓ Superior quality, rigorous testing and exceptional reliability
- ✓ Depth of expertise in electrical, electro-mechanical, and process engineering

### No documentation? No problem!

Our devoted team of industry experts can work with anything from a loose concept all the way up to a blueprint or physical sample.

CUSTOM BOX BUILDS		CUSTOM CABLE ASSEMBLIES		CUSTOM MOLDED CABLES	
	CUSTOM WIRING HARNESSES		DATA & SIGNAL CABLES		HI-POT TESTING
COPPER CABLES		SIMULATION CABLES & WIRING		FIBER OPTIC CABLES	



# MONROE CUSTOM

Monroe Engineering Products is a full-service manufacturer of fabricated metal assemblies and hardware. We offer a diverse product line of off-the-shelf hardware and can custom manufacture our entire product lines to match your needs.

The key to our success in manufacturing is the engineering review process. That's where we identify the right process to match the cost / quality equation to your program. The next critical component is a team of captive and contract manufacturing resources.

From raw material to finished goods, here are the manufacturing capabilities we offer:

- CAD / CAM
- Calendering
- CNC Machining
- Cutting
- Cylindrical Grinding
- Expedited Production
- Extrusions
- Kitting & Fulfillment
- Machining
- Molding
- Painting / Finishing
- Plastic Injection
- Prototype
- Rework
- Short Run
- Stamping
- Tube Bending
- Vulcanizing
- Welding

## INDUSTRIES

Over the years, Monroe and its subsidiary organizations has completed a multitude of projects for customers in a wide variety of industries.

Through this experience we understand the unique attributes and specific requirements of these industries that we have served and have valuable experience and insight with.

A few of the industries served:





## HOW CAN WE HELP?

ROCHESTER HILLS, MI

IRA, MI

GRAND RAPIDS, MI

ZEELAND, MI

IRVINE, CA

NORTH BRANFORD, CT

MELBOURNE, FL

NORTH PORT, FL

ELKHART, IN

FT. WAYNE, IN

GOSHEN, IN

WARSAW, IN

RENO, NV

CHARLOTTE, NC

PERRYSBURG, OH

PORTLAND, OR

DALLAS, TX

HOUSTON, TX

LUBBOCK, TX

SAN ANTONIO, TX

MANITOWOC, WI