



Our Vision

To be the best single-source option for our customers, providing the highest level of quality, the fastest delivery, and the most reasonable pricing in our industry.

To foster a company culture that enables its employees to prosper professionally, creatively, and financially, by meeting customer expectations.

WELCOME!



ACT is the
single source
solution for all
your industrial
repairs.

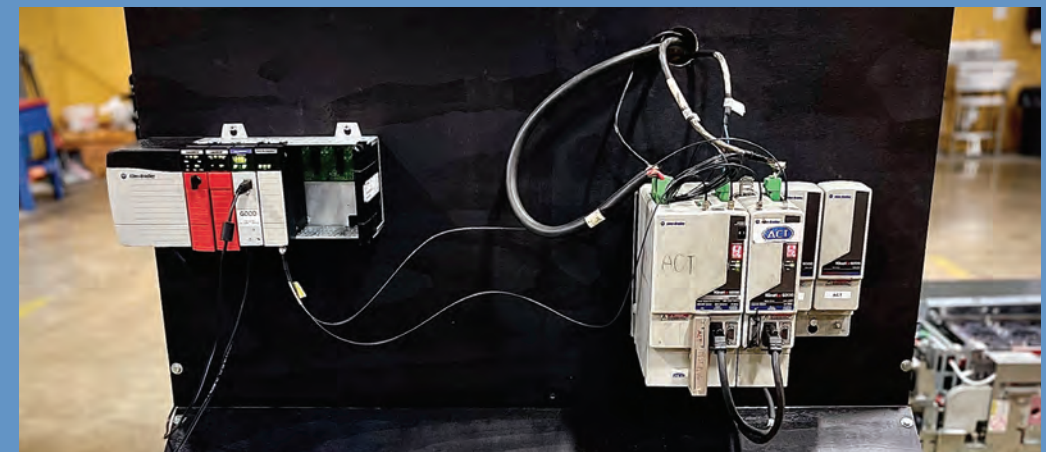
REPAIR TRACKING

ACT is a company that specializes in repairing industrial electronics and automation equipment. One of the key features that sets ACT apart from other repair services is their state-of-the-art repair tracking portal. This portal allows customers to easily track the status of their repair and helps them save time and money.

The repair tracking portal is a secure online platform that customers can access from anywhere with an internet connection. Once a customer sends in their equipment for repair, they receive a unique tracking number that they can use to log into the portal and view the progress of their repair. Customers can see when their equipment has been received, when it is being diagnosed, and when repairs have been completed. The portal also provides an estimated timeline for when the repair will be finished and shipped back to the customer.

In addition to saving time, the repair tracking portal can also save customers money. By being able to track their repair in real-time, customers can plan ahead for when they will receive their equipment back. This means they can schedule production runs or other activities with confidence, knowing that their equipment will be back in their hands when they need it.

The repair tracking portal is a valuable tool that sets ACT apart from other repair services. By allowing customers to track their repairs in real-time, it saves them time and money and helps them schedule their workload accordingly.

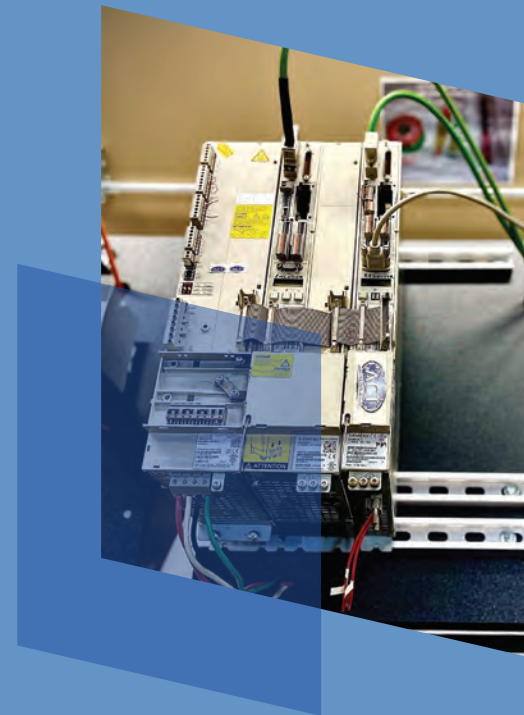


DELIVERY (ACT's competitive advantage) This is a huge advantage we can provide versus buying new or going through a distributor. Supply chains are bottlenecked and lead times historically long. Whether you need it rushed or standard turnaround ACT can meet your operations need to maintain vital production.



**We're a one-stop
repair shop for all of
YOUR industrial electronics.**

Automation & Control Technologies'
specializes in a wide range of industrial
electronics and we work to keep your
production *up* and downtime *down*.



Quality workmanship + + +
*ACT fully function tests your
equipment to OEM standards to
ensure performance.*

INDUSTRIAL ELECTRONICS REPAIR

Our electronics lab is occupied by a team of technicians with decades of experience and knowledge and are constantly continuing to research and develop new methods, as well as new test fixtures allowing us to stay current with the latest technologies in the industry.

We stock thousands of OEM spare parts.

Our team has constant access to the resources they need to repair your critical equipment. We will function test your unit post repair, to ensure the unit is functioning to OEM standards.



WHY CHOOSE US?

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**WE PERFORM COMPONENT-LEVEL BOARD REPAIR
IN ADDITION TO REPAIRING THE FOLLOWING:**

AC and DC Drives	Light Curtains
PLCs	Temperature Controls
Power Supplies and Teach Pendants	Encoders
HMI's, Monitors, Touchscreens	Timer Controls

>

OEM's SERVICED INCLUDE:

Allen Bradley	Indramat
ABB	Rexroth
Fanuc	Mitsubishi
Siemens	Yaskawa

FAILURE ANALYSIS

We are also able to provide root cause analysis reports, to provide an inside look at why and how your unit had failed. This can prove vital as you get an idea on how to potentially prevent this from happening in the future.



OEM's SERVICED INCLUDE:

Allen Bradley
ABB
Fanuc
Siemens

Indramat
Rexroth
Mitsubishi
Yaskawa
And Many More...



SERVO MOTOR REPAIR

ACT is a dedicated Servo Motor Department.

Our technicians are artfully trained to diagnose and repair each servo motor using proprietary techniques; this ensures the proper operation of the motor according to the manufacturer's specifications.

Each motor goes through a thorough testing procedure to determine the motor malfunction. This entails a complete teardown, repair, and post-test to bring the motor operation up to proper specs. Each repair will also include a complete evaluation report outlining the motor's condition upon arrival, with motor tests performed to determine the condition of the rotor magnets, stator windings, and bearings.



IN-DEPTH TESTING PROCESS

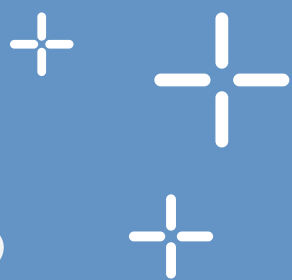
- We utilize the Mitchell Equipment diagnostic and repair system
- Initial back-drive testing alignment verification
- Verify breakdown condition under "real life" full load conditions
- Record test data including winding waveforms, feedback signals, reverse generated voltage readings, shaft, and encoder alignment data



QUALITY REPAIR METHOD

- All bearings are replaced with NEW bearings
- We verify feedback devices to OEM specification
- In-house machining center that can re-machine the end bells and shaft
- Full electrical testing of the stator windings with a validation report

HYDRAULIC VALVE REPAIR



We can take care of all your hydraulics including servo and proportional valves, cylinders, pumps, and hoses.



ACT is your solution for hydraulic component repair – pumps, motors, valves, servo valves, proportional valves, actuators, cylinders and power units. When we receive your hydraulic valve, we'll completely disassemble and clean it prior to a full inspection. Once completed, we'll go ahead and list any worn, broken or missing parts for replacement, followed by a risk-free quote free of charge to you.

Once approved, we'll re-clean your unit and get it ready for repair. You can expect only the highest quality repair from ACT. We ensure that your unit is completely reconditioned (or replaced) to meet factory specs. After we get your unit reconditioned to meet our quality standards, we put it through our testing procedure to validate the repair.



1-Year Warranty, Detailed Reporting, Rebuilt to Meet Original OEM Specs, & Fast Turnaround!



We are also a distributor for STAR servo valves, Yates cylinders, and Ryco hoses. Our team can offer you direct drop-in replacements for valves that are beyond repair and manufacture hydraulic hoses to meet your needs!



Popular Brands We Service Include:

Abex
Asea
Atchley
Atos
Bosch
Cincinnati
Continental
Dalkin Denison

Donzelli
Dynamic
Eaton
Moog
Husky
Kawasaki
MTS
Oilgear

Olson
Parker
Pegasus
Racine
Rexroth
Star
Vickers
Yukon

Our hydraulic department is home to over 30 years of experience in the hydraulic repair business. No matter the industry you are in, we can service you and get your hydraulic systems back up and running.



OUR STORY

Automation & Control Technologies, Ltd. (ACT) was founded as a division of Whelco Industrial Ltd. (motor repair) by Michael Farrar in 2006. Together we provide a single-source solution for all of your electrical, electronic, mechanical, hydraulic and servo product repairs. Since its founding, ACT has seen consistent growth by staying on the cutting-edge of industrial maintenance technologies to provide complete and comprehensive industrial repair services. With over 100 years of combined experience, our industrial electronics repair technicians will diagnose and repair your equipment faster and more efficiently.

In 2011, Michael acquired an 81,000-square-foot building on 8-1/2 acres in Perrysburg Township. After performing extensive build-outs, Whelco Industrial and Automation & Control Technologies moved into a state-of-the-art facility with some of the largest motor repair capabilities in the tri-state area, boasting a crane capacity of over 40 tons.

With facilities in Ohio and Shanghai, ACT has truly become your single-source partner for electronic, hydraulic and servo motor repair and service.

Please take some time and review all of our services, and we are sure you will see that we are an invaluable resource and true partner in your progress! If you are currently looking to start a relationship with our companies, or you are already a loyal customer, we thank you and commit to always passionately having your best interests at heart!



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Easy To Work With

No charge for evaluations, No RMA required, excellent customer service and follow up.



Excellent Service!

We prioritize communication and updating our customers, we stay flexible to meet each customer's requirements.



We are the
urgent care
of industrial
repair

Contact Info:



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act-repair.com



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