



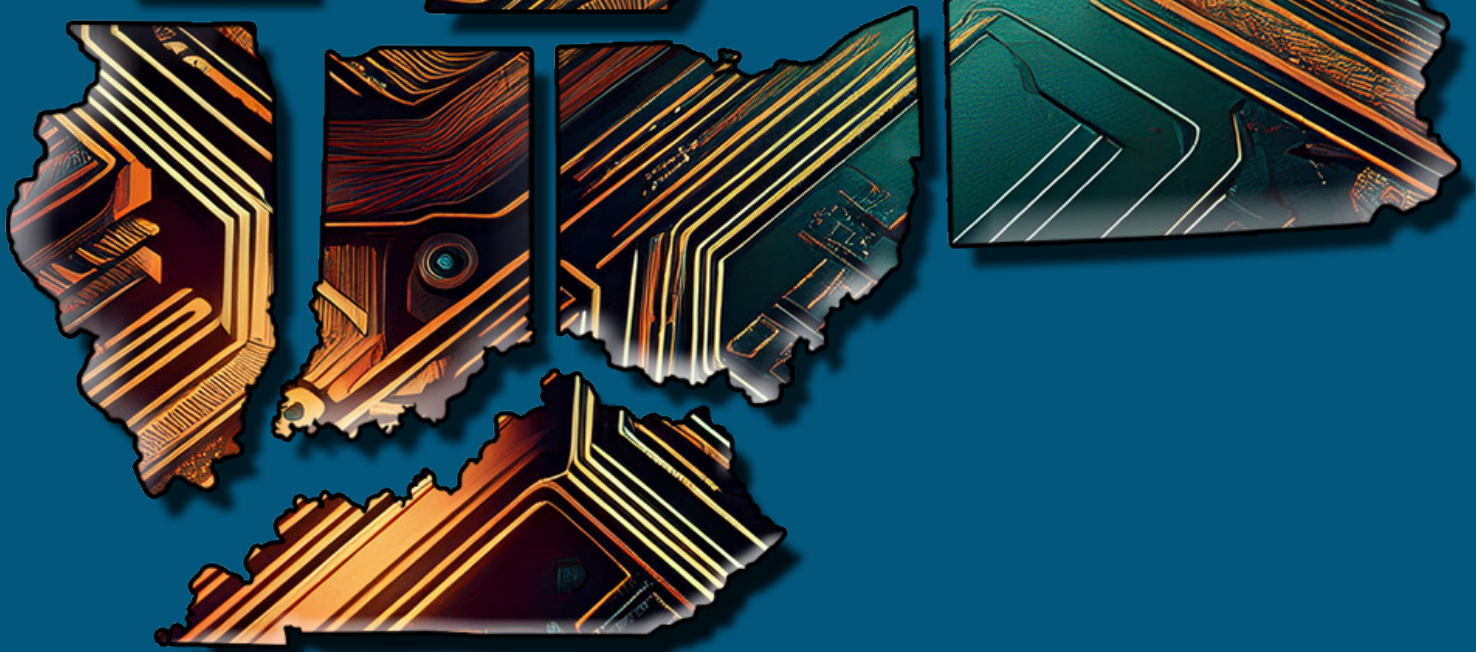
MurrayPercival

The Percivalized Experience



65

- Est. 1960 -



Assembly Equipment



Equipment not available in all areas.



Selective Soldering

 kurtz ersa

Board Routing

 SCHUNK

Conformal Coating

 ANDA

Cleaning

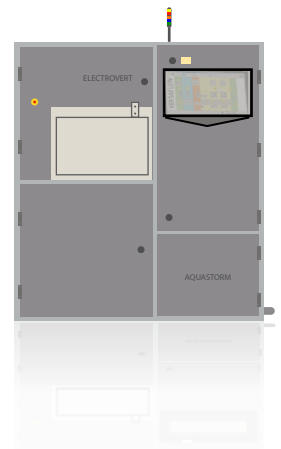
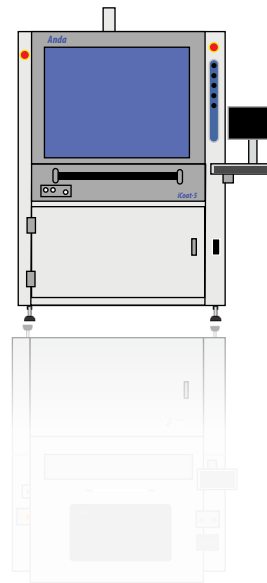
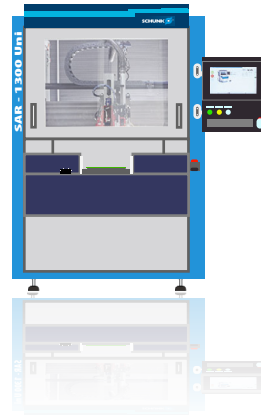
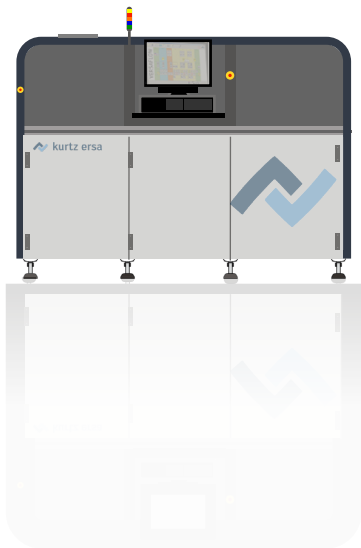
 Electrovert
ITW E&E

 KYZEN

 REsys
E&E

 pbt
works

 MAGNALYTIX



Bare Board Cleaner

 teknek
An ITW Company

Solder

 alpha
ASSEMBLY SOLUTIONS

 kester

Printing

 MPM

Electronic Assembly Printers ITW E&E

Dispensing

 Camalot

Electronic Assembly Dispensers ITW E&E

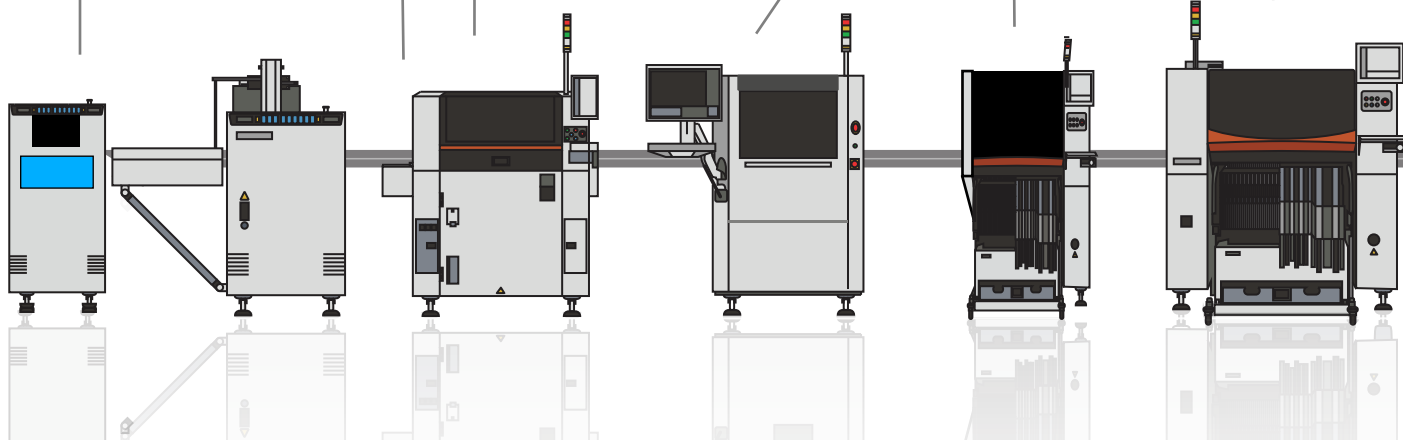
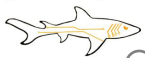
 ALPHA[®] HiTech

Component Placement

 Hanwha

Bare Boards

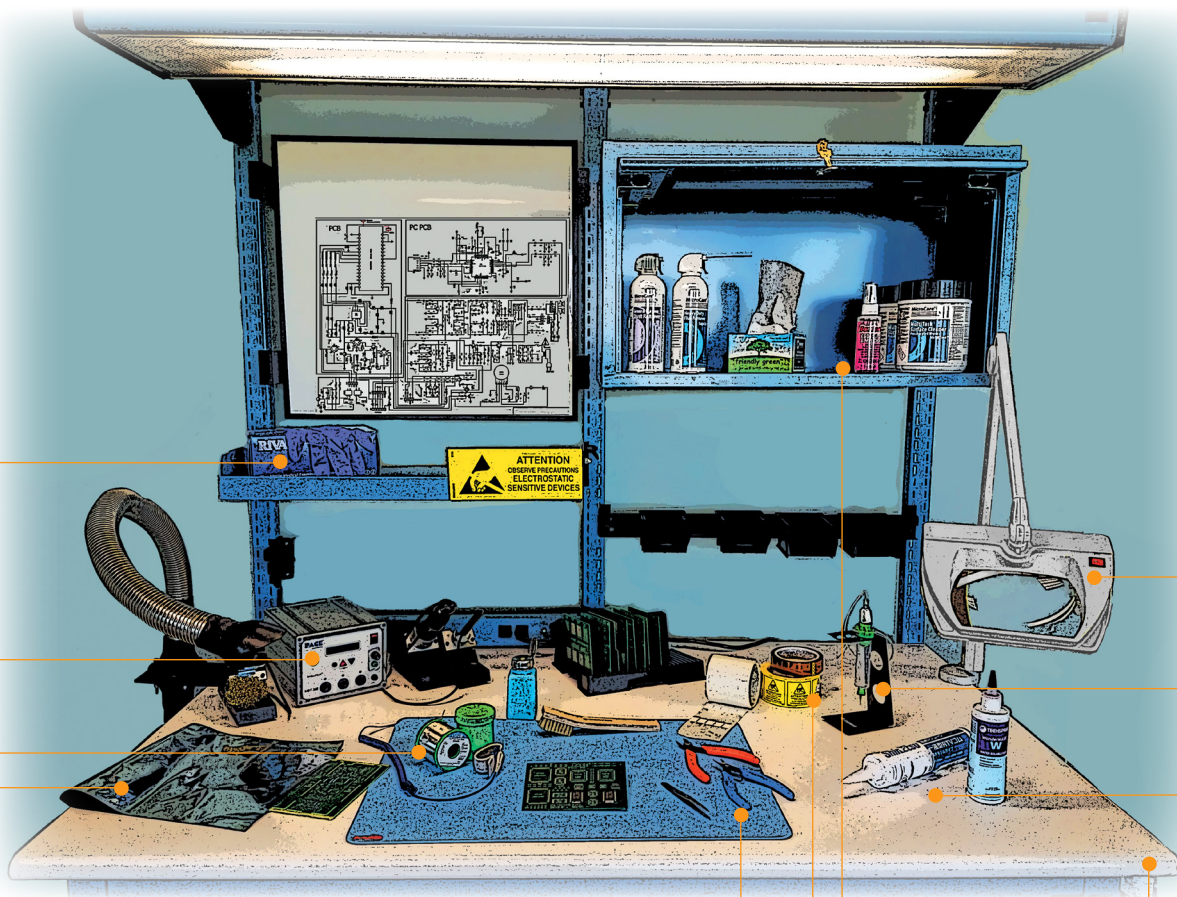
 Board Shark



Production Supplies



	Pneumatic and electric screwdrivers, screw feeders, and torque measuring systems.		Cleaning solutions for all parts of the SMT process including stencil cleaners, reflow cleaners, wave solder finger cleaners, pallet cleaners and more.
	Bar solder, cored wire solder, solder paste, solder preforms, fluxes, cleaners, potting, conformal coating and dross recycling services.		Dispensing pump bottles, ESD brushes, ESD document holders and work station organizers.
	Soldering solutions including soldering pots, irons and accessories.		Carts, storage racks, and PCB material handling systems.
	Vacuum sealers and assisted thermal bag sealing systems.		PCB cleaning solutions that are fast, efficient, safe and cost effective during rework, repair and assembly.
	Tapes and masking boots for industrial manufacturing processes.		Illuminated magnifiers, microscopes and industrial lighting.
	High performance and industrial tools for microscopy, inspection, and precision assembly.		Production soldering irons, SMT repair systems, solder training and fume extraction equipment.
	ESD, laboratory and clean room chairs/stools.		Soldering iron tips, sponges, desoldering wick and accessories.
	Bare Printed Circuit Boards including rigid, rigid-flex, flex, and aluminum circuit.		Static protective storage containers for PCBs and components.
	Polyimide adhesive tapes and films.		Fume extraction solutions for numerous processes including; hand soldering, cleaning systems, conformal coating, reflow ovens, wave and selective soldering, adhesive applications and laser marking.
	ESD control products including grounding devices, mats, smocks, shielding bags, floor finish, ionizers, monitors and testers.		Plastic storage containers as well as bin and wire shelving systems.
	Stencil roll wipes, desoldering braid & solder accessories.		Precision dispensing equipment including robots, valves, dispensers, tips, syringes and more.
	Smart ESD process control including monitors, ionization, test & measurement equipment and software.		RTV Silicone based materials for gluing, sealing, potting and conformal coating.
	Cleaners for electronic circuit assemblies and components for both batch and inline cleaning systems.		Universal splicing products and equipment including, covertape leader tape extenders, double splice tape, carrier tapes, bulk splicing shims, splice tools and more.
	Electropneumatic dispensing systems, two-part mixing systems, syringes and needles.		Static control garments including lab coats, smocks, polos and aprons.
	Durable industrial workstations, workbenches, packing tables, lab furniture and seating.		Cleaners, coatings & other chemicals and tools that improve efficiency, safety and performance in PCB assembly.
	Labeling solutions including blank thermal transfer labels, printers, pre-printed labels, screen-printed overlays, die cut parts and wire marking solutions.		Products that detect, protect, eliminate and monitor electro-static charges.
	Economical digital and stereo microscope solutions.		Precision, U.S. made, high performance cutting tools and pliers for electronics and wire harness manufacturing.
	Soldering stations, rework, hot air, handpieces irons, cartridges and tips.		Cleanroom supplies including; gloves, wipers, apparel (lab coats, coveralls, shoe covers, face masks), adhesive mats and documentation.
	Environmentally responsible cleaning solvents, presaturated wipes, and understencil roll wipes		Unique ergonomic stereo microscopes and non-contact measuring systems utilizing eyepiece-less optical technology.
	Soldering stations, BGA inspection, solder baths and rework systems.		



ESD control

Wrist straps, heel grounders, testing equipment, smocks, bags, mats, hand lotion

Solder Materials

Bar solder, solder paste, wire solder, preforms, flux & flux paste, wave soldering aids

Solder Equipment

Soldering & desoldering systems, tips, fume extraction, handpieces, desoldering braid

Clean Room & Safety

Gloves, face masks, smocks, adhesive floor mats, footwear protection, lab coats

Tools

Cutters, tweezers, pliers, bits, drivers, torque testers, heat guns, wrenches

Labels, Tapes & Masking

Blank labels, pre-printed labels, ribbons, tapes, dispenser & printers, custom label solutions

Cleaning Supplies

Flux cleaners, degreasers, wipes & swabs, stencil cleaners, brushes, aerosols

Material Handling

Bins & storage, shelving, carts & racks, component handling

Adhesives & Coatings

Conformal coatings, bonding & potting, gasketing, lubricants & sealants, thread lockers, thermal management

Dispensing

Robots, needles & nozzles, syringes & cartridges, manual & pneumatic dispensing, valves

Visual Inspection

Magnifiers, lighting & illuminators, microscopes, video inspection

Other Processes



Robotic Soldering



Nitrogen Generation



Process Improvement / Traceability



Vapor Phase



Thermal Profiling



Component Management



Automated Rework



Wire Processing & Stripping



X-Ray



Board Support



Programming & Testing



Wave/Reflow Soldering



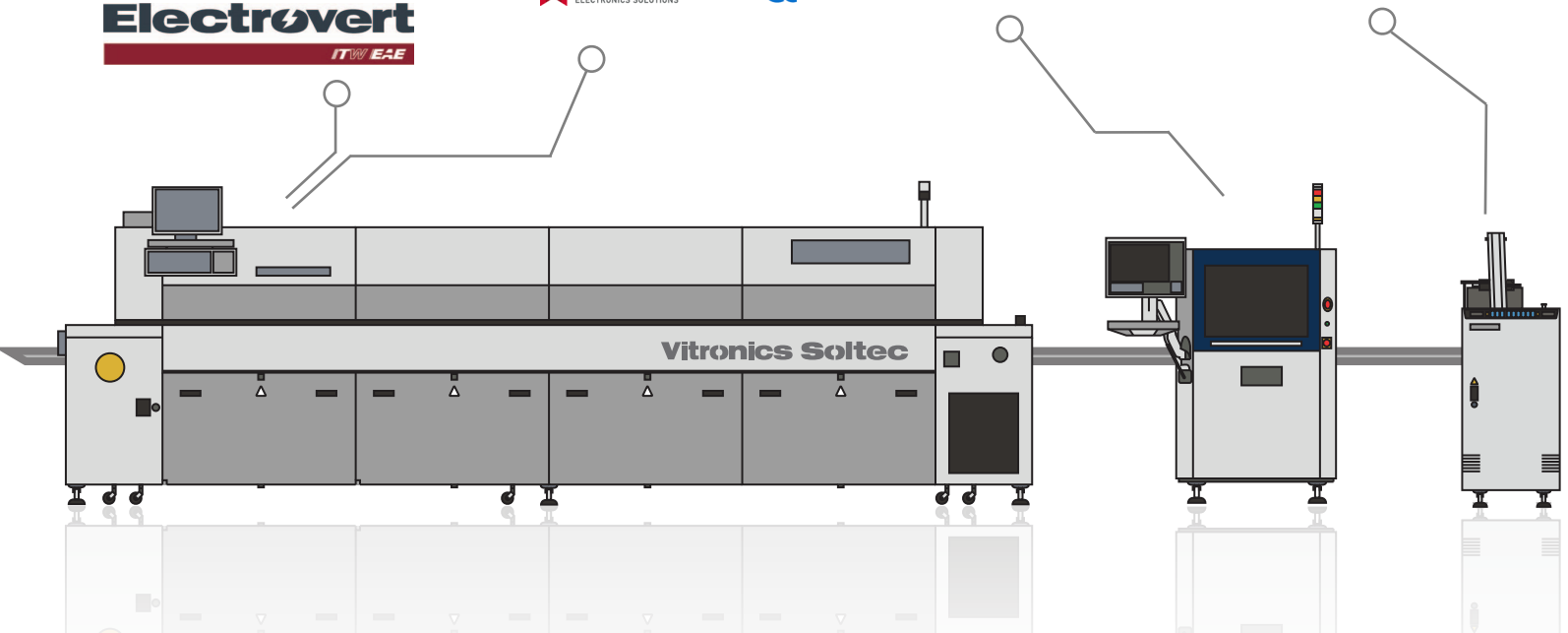
Fluxing



SPI/AOI



PCB Conveyance



Meet Our Team



- **Rooted in Loyalty** - Our reputation, dedication and long history of serving our customers and vendors remains deeply rooted by our loyalty and dedication.
- **Driven to Believe** - We welcome adversity and are faithfully driven by the belief that working with and through others, we can conquer and solve most anything.
- **Connected Through Hard Work** - Our team is deeply connected through passion and hard work.



We're Responsive with Definitive Answers



We Take Personal Responsibility



Authentic Team Support

The Percivalized Experience



225+ Years of Combined Experience

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Core Value #11 of 30



Find a Way

Take personal responsibility for making things happen - somehow, someday. Respond to every situation by looking for how we can do it, rather than explaining why it can't be done. Be resourceful and show initiative.

Find All Murray Percival
Core Values Here!

