



### Continuous Support

The RVSI Inspection Customer Support team is dedicated to keeping your systems performing at maximum—so you can maximize your production potential. Post-Warranty service contracts are now available for all RVSI Inspection-supported systems.

Our Post-Warranty program offers:

- > Spare parts support
- > Technical support, for both new and repaired assemblies
- > Ready stock inventory
- > Repair of major sub-assemblies

RVSI Inspection Spare Parts Depots are located strategically around the world to give you the fastest possible service for your re-supply or repair needs. Call 1-631-273-9700 (Asia-Pacific, 65-6336-5122).



It's time you took a closer look.



**RVSI Inspection, LLC**  
425 Rabro Drive East  
Hauppauge, NY 11788  
Phone: (631) 273-9700  
Fax: (631) 273-1167

**RVSI Inspection, LLC Asia**  
No.1 Shenton Way #16-06/07  
Singapore 068803  
Phone: 65-6336-5122  
Fax: 65-6336-2366

# RVSI Inspection. For throughput like you've never seen.

No one is working harder to improve your productivity than RVSI Inspection. Take a closer look at what we're doing. With enhancements in both our lead and wafer scanners. A commitment to continuous improvement for your current equipment. And a company-wide dedication to continuous support—to ensure you're always running at maximum efficiency.

## Wafer Scanners

Advanced defect detection throughout the wafer production process.



Our WS series, armed with our latest 2D vision technology, delivers superior wafer defect and nodule detection. State-of-the-art camera, lighting and scalable processing give you the fastest surface inspection available.

Surface defect capabilities include:

- > Contamination
- > Residue
- > Foreign material
- > Scratch
- > Passivation defect
- > Discoloration
- > Pattern defect
- > Bump defect

### Get unrivaled 3D speed and accuracy.

With RVSI Inspection, you get the highest 3D accuracy, at production speeds—with as much as a 100% increase in throughput. Without sacrificing accuracy in the least.

### Enjoy the benefits of continuous improvement.

With RVSI Inspection, improved capabilities are everywhere you look. The WS series, for example, is built around Windows XP, and offers our latest high-resolution TDI line scan camera, proprietary optics, lighting and vision algorithms.

## Lead Scanners

Eliminate package inspection bottlenecks, with 2D inspection that's up to 6x faster!

Our new high-speed AVS Inspection module is proof of our commitment to solid improvements in 2D package visual inspection. With faster capture rates, plus increased processing speed, our new 2D PVI module dramatically improves throughput *and* defect detection.

### Supercharge your system, with 1000-parts-per-minute 3D inspection.



To meet your future production needs, we continue to improve our scanner performance. Our latest Lead/Grid inspection system delivers the throughput you need to boost your production capacity.

### Capabilities beyond the expected.

We understand that your inspection requirements are always evolving. So we design our systems with the flexibility to meet your unique scanning requirements. For example:

- > Custom datums for true position and height measurement
- > Metrology of nongrid/ custom BGA devices
- > Capacitor height and standoff measurement
- > BGA encapsulant height and standoff measurement

## Continuous Improvement Program

If new equipment is not in your budget, RVSI Inspection has the answer. Designed to give you cost-effective ways to increase your production capacity up to six times its current rate, our Continuous Improvement Program also minimizes the time and effort needed to upgrade your facility—with the same footprint and without re-training.

### Double your lead scanning throughput, for less than 60% of the cost of a new system!

Upgrade your lead scanning capability. With RVSI Inspection's Continuous Improvement Program, you can keep your existing handler modules, and replace only the inspection module.

The entire upgrade takes only 2-3 days, and gives you truly state-of-the-art speed and accuracy—and a warranty—for less than 60% of the cost of a new system.



Replace only the inspection module, and get twice the throughput for less than 60% of the cost!

### Boost your wafer scanning throughput up to 100%.

Get your wafer scanning up to speed, with our new 3D Upgrade Kits. By simply replacing some key components—in a single production shift—RVSI Inspection can deliver 300 mm speeds of up to 14 wafers per hour. You get twice the production capacity and the highest 3D accuracy. With patented hardware and inspection technology. For a fraction of what a new system would cost.



To learn more about what RVSI Inspection can do for you, email us at [info@rvsi.com](mailto:info@rvsi.com).