



MRSI Solutions

For Dispense and Assembly

Volume XVIII

Welcome to MRSI Solutions Newsletter. This periodic newsletter provides information on our latest happenings and product updates.

Many thanks to our loyal customers for their continued interest in our products.

In This Issue

[Eutectic Bonding Article](#)

[MRSI Expands](#)

[Upcoming Events](#)

Read Our Latest Eutectic Article in Chip Scale Review Magazine

Advance eutectic packaging for volume manufacturing of photonic, microwave and RF electronics

Eutectic bonding is an area of particular interest in photonics, microwave and RF electronics, due to the need for a clean, highly thermally efficient process and for long-term reliability. Increasing demand for data and bandwidth requires high-volume manufacturing of these electronic packages at a level never seen before. This article presents the most recent advances in the area of automated eutectic bonding for volume production. These advances result in higher precision, throughput, and yield for existing and new products assembled by component and module manufacturers.

Photonics and RF electronics have always been on the frontier of network infrastructure expansion. The on-going the transition from 10Gps to 40Gps followed by 100Gps/200Gps/400Gps optical network systems has enabled an array of new generations of photonic components, such as laser chip-on-submount (COS), micro-iTLAs, 100G/200G/400G modulators, intradyne coherent receiver (ICR), 100G CFP2-ACO, and QSFP28+ transceivers. In addition, wireless base station build-out requires critical components, such as RF power amplifiers, made with GaAs or GaN. Most of these products have multiple die bonded on a common platform or base plate inside a metallic package.

[\(read article here\)](#)

Stay Connected

View our profile on [LinkedIn](#)



Chip Scale Review July - August 2016 Volume 20, Number 4

MRSI Expands Customer Support in Thailand

Bunchuai Ungcharoenoin Joins MRSI Team in Thailand

To meet the demand of our rapidly growing business, MRSI continues to expand our customer support organization with the addition of Bunchuai Ungcharoenoin in Thailand.

Peter Cronin, Sr. Manager of Applications and Customer Service states "Bunchuai is an experienced engineer who has worked for many years in die bonding, dispense and automation at Oclaro and Seagate."

Please welcome Bunchuai Ungcharoenoin! In addition to our existing staff Bunchuai is here to help you succeed.



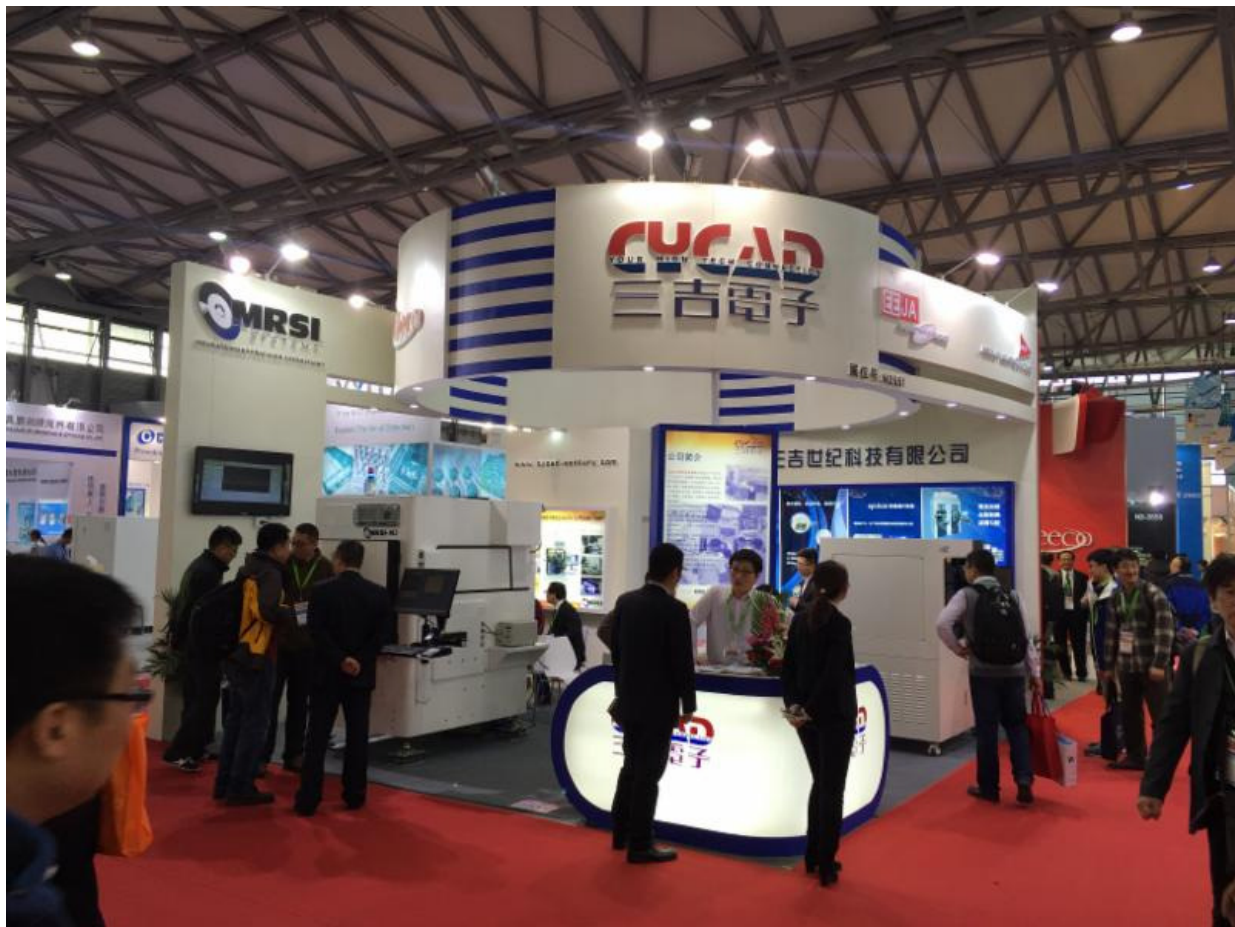
MRSI to Exhibit at the 18th China International Optoelectronic Exposition (CIOE)

Come see the MRSI-705 Ultra-Precision Work Cell in Action!

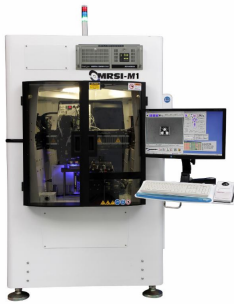
We are excited about exhibiting at the 18th China International Optoelectronic Exposition (CIOE) at Shenzhen Conference & Exhibition Center on September 6-9, 2016. MRSI Systems will be located in our Chinese representative CYCAD's booth #1D63 (hall 1)

- This year more than 3,000 exhibitors and 85,000 delegates are expected to attend including the world leading optoelectronic manufacturers to showcase their latest products and technologies.
- The industry leading MRSI-705 Ultra-Precision Work Cell will be exhibited assembling an Optical Transceiver Package.
- The MRSI-705 meets the unique challenges for volume manufacturing of the next generation optoelectronics packages. These requirements include ultra-high precision placement, in-situ UV curing, advanced vision algorithms, delicate force sensing, material traceability, automated material handling, eutectic bonding, precision dispensing and stamping.

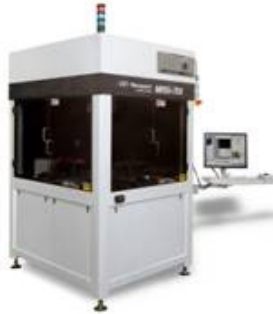
You are always welcome to come visit us at our Billerica factory. Contact us with your dispensing and assembly challenges. Chances are we have already solved them!



MRSI - M Series
1-3 Micron Assembly Work Cell



MRSI - 705
5 Micron Assembly Work Cell



MRSI-175Ag
Epoxy Dispenser



www.MRSISYSTEMS.COM

Need More Information, Please Contact us at:

+1.978.667.9449

sales@mrsisystems.com

Copyright © 2013. All Rights Reserved.

MRSI Systems, 101 Billerica Ave, Bldg 3, N. Billerica, MA 01862

[SafeUnsubscribe™ dan.crowley@mrsisystems.com](mailto:dan.crowley@mrsisystems.com)

[Forward this email](#) | [Update Profile](#) | [About our service provider](#)

Sent by dan.crowley@mrsisystems.com in collaboration with

Constant Contact 

Try it free today