Full partnership at full speed

A passion for MAKING A DIFFERENCE

FEEDBACK - the key to improving performance
MYDATA has changed its name to Mycronic. The new name unifies the operations of MYDATA and parent company Micronic AB, formerly Micronic Mydata AB, under a single brand. The name change for the MYDATA group to Mycronic took place in the second half of 2014.

The decision is a part of a natural evolution of the two pioneering brands. As one brand, Mycronic is poised to further strengthen the value we bring to our customers and partners – to meet the fast-changing demands of electronics manufacturers around the world.

This name change to Mycronic will enable us to take the next step forward in our mission to support the productivity of the electronics manufacturing industry. Going forward, we will continue to leverage our strengths and cultivate the passion and innovative spirit that makes us who we are as a company.

Across the globe, Mycronic’s high-tech solutions are vital for manufacturing many of the technologies changing our world today; from state-of-the-art satellites, industrial electronics to everyday products like smartphones, computers and flat-screen TVs.

By bringing together world-leading expertise in pattern generation and SMT solutions, we will continue to expand our offering in this area. As you can read in this issue, we now offer customers production performance feedback as part of the MYCare program. Production KPIs, including a breakdown of equipment utilization, provide a very useful basis for continuous improvement efforts.

Maintaining dialog and a close connection with customers is essential if we are to stay at the forefront of the industry. In this respect, I am very encouraged by the high levels of engagement and commitment shown by our local support organizations. Building a strong Mycronic brand requires us to remain passionate about what we do and to find innovative solutions to the challenges our customers face.

And the best way we can demonstrate this is by ensuring the long-term success of our customers.

// Robert Göthner
Senior Vice President & General Manager

Mycronic will be represented at the following trade fairs:

**May 2015**
- **SMT Hybrid Packaging 2015**
  - Dates: May 05–07
  - Location: Nürnberg, Germany

**June 2015**
- **Jisso Protec 2015**
  - Dates: June 08–09
  - Location: Tokyo Big Sight, Japan

- **Electronics & Automation 2015**
  - Dates: June 02–04
  - Location: Utrecht, The Netherlands

**August 2015**
- **Nepcon South China**
  - Dates: August 25–27
  - Location: Shenzhen Convention & Exhibition Center, China

**November 2015**
- **Productronica**
  - Dates: November 10–13
  - Location: Messe München, Germany

Worldwide events calendar

**AT THE START OF 2014** there was still a question mark hanging over the global SMT market. Now, one year later, we can confidently conclude that the market has recovered.

After substantial decline in 2012 and 2013, market data for 2014 shows a 22 percent improvement. Even more encouraging for Mycronic is the fact that our order intake in the SMT business area through the same period increased by 27 percent. This reflects our solid market position, based on a strong product portfolio that is meeting the needs of modern electronics manufacturers.

On the jet printing side it has been an even more dramatic 12 months. While the year may have started slowly, it is finishing with record-breaking order levels. Much of this is down to the release of MY600, of course. The new solder paste jet printer offers a major boost to printing speed together with extended capabilities and a new platform designed with the future in mind.

The most exciting order was concluded recently in China. A large sub-contractor has purchased multiple jet printers to be integrated in a high-volume production environment. It is the first truly high-volume application for the jet printer, and is being made possible by the dedicated efforts of a multifunctional team, including the local team in China, application support and R&D.

Value-adding service and support remain central to our approach. We are continuing to expand our offering in this area. As you can read in this issue, we now offer customers production performance feedback as part of the MYCare program. Production KPIs, including a breakdown of equipment utilization, provide a very useful basis for continuous improvement efforts.

Maintaining dialog and a close connection with customers is essential if we are to stay at the forefront of the industry. In this respect, I am very encouraged by the high levels of engagement and commitment shown by our local support organizations. Building a strong Mycronic brand requires us to remain passionate about what we do and to find innovative solutions to the challenges our customers face.

And the best way we can demonstrate this is by ensuring the long-term success of our customers.
Full partnership at full speed

TEXT: JEM BAKER  PHOTO: SPECTRUM ASSEMBLY

Spectrum Assembly’s customer base is diverse. From off-road vehicle lighting, fast-food consoles, medical devices and defense products, to embedded computing, crop moisture measurement and satellites. With such varying production demands, how can one company be a ‘partner’ to so many customers? Only with the help of an integrated SMT solution from Mycronic.

Imagine you’re a rally driver. And you’re good. You’re flying around a dusty, difficult course at a hundred miles an hour. Visibility is poor, adding to the thrill and heightening the danger. Your hairs are on end. Your blood is pumping. Your adrenaline is on overdrive.

Who do you want sitting beside you calling out where the next bend is?

Someone recommended to you the week before, who is supposedly good and boasts that their race fees are the lowest in the sport?

Or, do you want someone who knows you inside out – who you trust completely? Someone who understands, down to the split second, when you need the next piece of information in order to execute the upcoming hairpin turn perfectly.

You’re not looking for someone to supply you with information. You’re looking for someone to be an extension of yourself. You’re looking for the perfect partner.

A partner, not a supplier

Back in the world of electronics, this is the sort of partner Spectrum Assembly strives to be. The company’s Vice President Mike Baldwin is convinced that the company does not fit the mold of a traditional contract manufacturer.

“We don’t see ourselves as a supplier. We are a partner. We are an extension of our customer’s manufacturing. That means ensuring greater connectivity. What affects our customer’s production also affects us – how we react, how we operate and serve them.

“To do this we have to have an agile and responsive production set up. Mycronic equipment gives us that and allows us to offer quality, consistency and reliability.”

Spectrum Assembly’s relationship with Baja Designs provides a good illustration of Mike’s point. Baja Designs make and supply high-end LED lighting for off-road and recreational vehicles. It is a market that sees a lot of new products but also unpredictable sales.

We are not supplying them – we are trying to help them overcome the problem of variable demand.

Spectrum Assembly support Baja Designs across all areas, from design for manufacturing, sourcing and stocking materials, to quick turnaround prototyping, and just-in-time series production. This is based on a kanban system. As soon as stock levels drop to a certain point, a new production cycle is triggered automatically. Placing this level of trust in Spectrum Assembly means Baja can always meet demand whilst also eliminating the lead time and start-up costs associated with traditional production ordering.

“We with Baja Designs we are a fully integrated partner,” says Mike. “We are not supplying them – we are trying to help them overcome the problem of variable demand.”

Wires, PCBs and box building

Based just north of San Diego, California, Spectrum Assembly has been providing PCB assembly services for almost two decades. The company was actually founded a couple of years prior to that, starting out life as a one-man cable shop.

Growth has been continuous. In addition to cable and wire harness assembly and PCB assembly, the company also provides systems integration and complete mechanical assembly. Today, 90 or so employees work across 60 000 square feet (5 500 m²) of production space.

For the last 15 years, Spectrum Assembly has relied on Mycronic SMT solutions for its
PCB assembly. Currently, this includes three pick-and-place machines, a jet printer, four component storage towers and integrated software. “We have consistently upgraded and grown our SMT capabilities over the years,” says Mike. “This has helped us to attract more and more sophisticated customers.”

Production versatility enables Spectrum Assembly to serve more industries than most, including agriculture, telecoms, gaming, retail and satellites, to name but a few.

The company’s Sales and Marketing Manager Alexandra Topp believes having a wide customer base has helped to achieve stable growth. “Our diversity means we are not tied to the fortunes of any particular industry. I think partly because customers in these industries fit well with our strategic approach. We look to create long-term relationships with customers where we can use our resources to meet their specific needs.”

Agile SMT production
Promising to meet specific customer needs is one thing. Doing it is quite another. To cope, Spectrum Assembly has invested in a two-line integrated production solution from Mycronic.

One line uses a new MY200SX-14 pick-and-place machine, while the other is made up of two MY100LX-10s in line with a MY500 solder paste Jet Printer. Four Mycronic SMD storage towers are also located on the production floor and the whole set-up is fully integrated with MYLabel inventory management software.

In terms of what is most important for production, Mike places quality emphatically at the top of the list. “If your quality is not good, your speed doesn’t matter!” he states.

Production runs vary greatly making planning and scheduling a key task. Most runs fall somewhere between five and a thousand boards, but it is not unusual to get an order for a single prototype board one day and a series of 5000 boards the next.

“Production flexibility is essential when you are supporting customers with very different needs,” says Mike. “We have a very high mix of components. And with short production runs as well, it is extremely important that we can carry out quick changeovers.”

“Providing a quick turnaround is also important. Many of our customers regularly develop new products. They want short lead times for prototype and test boards so they can move their development forward quickly.”

Jet printing bridges the quality gap
Response time is an area where the MY500 is way ahead of the game Mike believes. He has also seen how the Jet Printer opens up new possibilities. “A while back, we were faced with a particularly challenging, densely populated board. After stencil printing, we were left with 26 solder bridges! We printed the same board with the MY500 and the number of solder bridges immediately went down to six. And after a little more optimization, all the bridges were eliminated.”

Another area where Mike sees the benefit of the Jet Printer is optimizing solder paste volumes for individual components. “Many of the boards we produce use a wide range of components, from small SMTs to large non-traditional components such as shields. Even when using stepped stencils, the volume range with the screen printer is nowhere near what we can achieve with the MY500.”

Redefining service
On its website, Spectrum Assembly positions itself as ‘Contract manufacturing… Redefined!’ According to Alexandra Topp, what it comes down to is a willingness to adapt services to individual customers.

“As a starting point, we have five different service packages, from simple NPI support and technology transfer to turnkey production with full vertical integration. The idea is to get customers up and running as quickly as possible,” she says.

Taking advantage of the flexibility of Mycronic solutions, Spectrum Assembly continuously looks for ways to improve efficiency for customers. That includes a willingness to adapt internal processes.

One customer benefiting from this is EmCraft Systems, which specializes in System-On-Modules. Although it produces a lot of different modules, around 85% of components are common to all products.

Building on its lean vision, EmCraft saw a way to all but eliminate set-up times by investing in its own Mycronic feeders and magazines. This means EmCraft’s components are always stored pre-loaded and production can start immediately there is free capacity on the production line.
High-mix thinking
For a higher volume world

Stop waiting for painfully slow solder-paste dispensers. With modern “touch-free” jet printing technology, you can move 10 times faster on complex add-on work – with absolutely no risk of human error. Whether you’re mounting PCBs for the space industry, doing pin-and-paste for new mobile broadband applications, or producing highly populated boards, you can always be sure of getting perfect solder joints.

How? The secret lies in a combination of advanced robotics and software that enables you to add paste where you need it, with precise volume control. You can also achieve faster, more accurate low-temp paste application, avoiding the need to expose costly components to a second reflow. So why not put our high-mix thinking to work in your higher volume environment?

Certain future
For three straight years, Spectrum Assembly has won a Circuits Assembly Magazine “Service Excellence Award.” The latest was in February 2014 within the Technology category.

“It is always special to win an award that is customer-driven,” says Alexandra. “I think our customers understand what we are trying to do. We invest a lot in our production equipment and operations so we can keep expanding and improving our services.”

For Mike, the question of technology choice is simple. “Mycronic is simply the best equipment out there as far as I am concerned. But it’s not only the hardware; it’s the whole concept, including data integration and interchangeable accessories. On top of that, we have also had phenomenal support from whichever part of the company we have dealt with.”

With production for its core customers steadily increasing, Spectrum Assembly is already considering expanding into the additional 30,000 square feet of production space it has available.

“The only thing I can be 100% certain about,” Mike continues, “is that if we do invest in new SMT equipment, we will be investing in Mycronic.”

JET PRINTING LETS YOU ADD SOLDER PASTE 10 TIMES FASTER.

Spectrum Assembly’s 60,000 square feet production facility is located just north of San Diego in California.
A passion for making a difference

TEXT: JEM BAKER PHOTO: SAAB MAGNUS ELGGVIST

Mycronic AB’s president and CEO Lena Olving is something of a high flyer within Swedish industry. Lena’s CV includes two of the country’s most successful export companies and several years working in Southeast Asia and China. After 25 years at Volvo Cars, Lena went on to become deputy CEO and Chief Operating Officer at Saab AB, Sweden’s largest defense and security company.

Twice in recent years, Lena has received the distinction of being named Sweden’s most influential businesswoman.

For the last 18 months, Lena has been charged with leveraging the combined strengths of Mycronic’s SMT and Pattern Generation business areas.

Here, Lena answers some topical questions, providing some insight into the changes taking place at the company and how Mycronic plans to remain at the forefront of the electronics industry.

How is your previous experience helping you in your current role?

You learn an awful lot in large companies. You get exposed to many different things. I have a career that spans pretty much everything: production, purchasing, direct consumption, development processes, marketing and sales, quality, finance. So I have a good understanding of all areas of the business.

I have also worked my whole career in companies with a heavy R&D focus. So I’ve learnt what sort of synergies you can extract from an R&D organization. And that’s exactly what we are doing at Mycronic. We are making sure we optimize our product development as much as possible using the resources we have.

But aren’t SMT and pattern generation technologies very different?

Yes, and some elements within R&D are very specialized, of course. But a large proportion of R&D work can be used across the whole spectrum of development projects. R&D engineers are smart. They have the ability to learn how they can work with different products.

And strong R&D synergy was actually one of the key factors behind MYDATA joining Micronic in 2009.

In addition to radiating personal energy and enthusiasm, Lena is also a champion of diversity and gender equality – or rather, as Lena puts it, “simply making the best use of the whole of the intellectual capital available.”
Why have you brought everything under the new ‘Mycronic’ name?
The two business areas target different customer segments. But, otherwise, everything within the company is integrated: production, purchasing, R&D, finance, HR. So, it makes sense that we all work under the same name.

At the same time, what we are doing is not really changing the name, but rather to building a brand. We are looking to create an even stronger brand identity.

It’s not so much about describing products, or our position in the electronics industry supply chain. It’s more about creating brand values and expectations around our capabilities, our expertise, how we are as a company, and what we want to achieve.

How does the new company tag line “When passion meets innovation” fit in with this?
This is how we describe the huge number of encounters that take place between people – both internally and externally. Whenever we get together, we should be passionate about the task at hand and take advantage of the innovative forces available in order to contribute to our customers’ and our own success.

But the innovative power is not ours alone. It can also be the innovative power of our customers. So, it is not necessarily our passion that meets our innovation. It could be our passion that meets the customer’s innovation. Or, it could be our passion for innovation that meets the customer’s needs.

What do you see as the key challenges facing the industry?
It is quite obvious that miniaturization is going to remain with us. So, there is the challenge of how you can develop and produce even smaller electronic components that can handle even more things, and sit in even smaller final products.

There is also the question of the continued impact of newer technologies and applications as they are taken to the next level of development. Things like the Internet of things, mobile devices, and LED technology.

I think looking at the numbers is also interesting. What we know today is that the number of electronic components produced each year is estimated to increase from seven trillion up to ten trillion over a five-year period. At the same time, the electronics industry itself has a value growth of maybe three to four percent per year. What becomes obvious is that the cost per component has to come down – which means production efficiency has got to go up.

That is a journey where we believe we are going to remain with us. So, there is the key challenge of how you can develop and produce even smaller electronic components that can handle even more things, and sit in even smaller final products.

On a personal level, how do you approach such a huge task?
For me, it is about trying to make a difference every day. I wake up each morning with enormous energy levels and a passion for wanting to move the company another small step forward on our journey.

My natural instinct is to try and do things better tomorrow than I did them today. In fact, I carry out a quick appraisal on my way home every evening. I ask myself two questions: ‘What have I achieved today?’ and ‘Knowing now what happened today, what could I have done better?’

I also think it is very important that people are happy at work. If you feel better, you perform better.

Not every task can be terribly exciting of course. But, on the whole, one should wake up in the morning and feel happy about going to work. That is something I want all of my colleagues to feel and I have a certain responsibility to try and ensure that by the way I lead the company.

You always do a better job if it’s fun!
THE NEW 10-LEVEL BUFFER unit is designed to balance station-capacity differences by offering board escape possibilities in case of stoppages or slow board flow in the connected systems. The FIFO/LIFO capability and the ‘pass through’ function, that disables board buffering and allows the boards to pass through the unit without being buffered, gives the unit a wide range of uses. Buffer full warning level, start slot, stepping and pass through slot are selectable via an easy-to-use operator’s panel. Motors, cables, PLC and associated control electronics are located behind steel covers, which gives the unit a clean look. A number of options are available, including automatic width adjustment, cooling fans for post-oven operation, and a ventilation hood for conformal coating applications. //

THE LATEST VERSION of the MY600’s ejector holder unit is equipped with a unique electronic ID and a matching barcode label, making it possible to logically connect the solder paste syringe to the holder unit, using the barcode scanner on the MY600 Jet Printer. The connection allows the system software to keep track of what type of media is loaded on a specific holder unit, and makes it possible to securely verify that the correct media is used for each production order. MY600 users that have the previous version of holder units are recommended to upgrade to the latest version. The Holder Unit Upgrade Kit includes a set of five unique barcode labels and an instruction on how to upgrade the holder unit. //

Now you can leapfrog between varied batch sizes in the blink of an eye. Having long developed flexible solutions for the demanding aerospace industry, we understand the needs for agile, high-quality placement of vital components. Success is not just a matter of machine speed, but how many boards you can mount at the end of the day.

This high-mix thinking translates well to today’s automotive and other higher volume industries where batch sizes are decreasing. Why? Because car electronics are becoming as diverse and advanced as the models themselves. So why not put the industry’s most agile solution to the test in a demo of our new, improved MY200 series? See how it can improve your production quality, with zero mix-up of parts, streamlined material handling, and traceability down to individual placements. Give us a call to find out how our high-mix thinking could benefit you.
Feedback
- the key to improving performance

TEXT: JEM BAKER  PHOTO: MAGNUS ELGGVIST

How is your production line performing? How much downtime is there? And what are the reasons? The MYCare service program now offers greater feedback for supporting continuous improvement. Facts, insights, recommendations, and ongoing support — it’s all part of the new MYCare preventive maintenance routine.

“GREAT TRAINING SESSION, USAI! Your reaction times are the best this year. And your resistance-run times have improved by 3.5% over the last month. You’re in perfect shape for Saturday’s meet in Zurich.”

From sports psychology to nursery education, to healthcare, to business management, positive feedback is used as a powerful motivational tool for improving performance.

But what about the flip side? Who wants to hear they are averaging 15% below their personal best? Or that they have high cholesterol levels? Or that their new work process ought to be more efficient? Or that their children need extra tuition at school?

All feedback has value, of course. Whether good or bad, it is always better to know the truth. Having the information gives you the opportunity to act — to build on the things you do well, and to change the things that you need to improve.

Beyond preventive maintenance

Electronics production is perfectly suited to the benefits of performance feedback. In SMT lines, repetitive tasks are carried out by balancing automation and operator intervention. Usually, there is plenty of room for fine tuning processes and improving output.

Anders Bergström, Global Service Sales Manager at Mycronic, explains that this is an area where the company is now able to support its customers better than ever before.

“We have broadened the scope of the MYCare program to include performance feedback of pick-and-place machines. It’s part of a new preventive maintenance feedback and support procedure. Rather than the traditional approach of focusing only on the hardware, we are taking a much broader view of production operations.

“Customers benefit from new insights into how their production line is performing, as well as suggestions for improvement, and ongoing support,” says Anders.

Dynamic feedback loop

Equipment reliability and uninterrupted production remain key objectives with preventive maintenance. However, the new MYCare feedback loop fulfills a wider role that enables a continual cycle of improvement.

Work begins before the actual maintenance visit. The Mycronic service engineer reviews previous reports and notices, so they are fully prepared for the on-site visit.

At the customer’s plant, the engineer carries out maintenance and calibration tasks according to established protocols and schedules. In addition, other pre-planned actions, such as upgrades and replacing parts, are also carried out.
Being on the production floor gives the service engineer an insight into the customer’s operations. Through discussions and observations, they gain an understanding of work processes, knowledge levels, and the tools and resources being used.

During the visit, the service engineer also downloads the production event log files stored in the TPSys machine software.

“It’s at this point things start to get very interesting for the customer,” says Anders. “The log files are used to create a production status report. This is analyzed by the service manager along with the previous year’s statistics and the comments from the on-site visit.

“The customer is then given the opportunity to review the final report and discuss it with the service manager. This can lead to new initiatives and improvements, which the service organization supports as needed.

“The reports themselves can also be added to the customer’s private area on Mycronic’s support webpage, so they can be accessed by others within the company. And, of course, all the information is saved – ready for the next preventive maintenance visit,” says Anders.

**User-friendly feedback**

The production status report is the focal point for feedback. It includes three types of information: key performance indicators (KPIs), comments, and an equipment utilization chart.

The ‘Recent’ column in the KPI section corresponds to the latest production statistics. Usually these are calculated from log files covering the last three months of production. (However, this setting can be changed depending on production volumes and the amount of available hard-drive storage capacity.)

KPIs include machine utilization, throughput (measured as components per hour), component reject rate, parts placed per year, and the number of changeovers per day. There is also an assessment of the machine’s overall health and the knowledge level of those operating the line.

Recent performance is easily compared to previous figures (usually from the year before), as well as the customer’s target figures – if these goals have been set.

The KPI section shows the observations and comments noted by the service engineer during their visit. The service manager may also add additional notes or recommendations here that might benefit the customer.

The third area of the report provides a summary of machine utilization. The data is calculated to provide a graphical breakdown of available production time for an average day. The chart enables customers to see how much time is being spent building boards, and where time is going when not building boards.

**Production health check**

“The new feedback routine is like having a health check,” suggests Anders. “It measures the production line’s vital signs, and lets the customer know how their SMT operation is ‘feeling’.”

**Where production time goes...**

**Unused time.** Free capacity – machine is operational but no jobs are loaded or running.

**Changeover time.** The time the line stands still after the completion of one job and the start of the next job.

**Component wait time.** Production downtime – waiting for components to be replaced/inserted.

**Operator stop time.** Production downtime – due to the operator stopping the production line.

**Board load wait time.** The time for boards to be moved into the machine.

**Board unload wait time.** The time for boards to be removed from the machine.

**Board change time.** The time for switching boards in the machine.

**Fid. search time.** The time required for fiducial search to ensure accurate component placing.

**Tool change time.** The time required for switching between placement tools.

**Build time.** Production time – the time spent placing components on boards.
The new feedback routine is like having a health check.

ANDERS BERGSTRÖM
GLOBAL SERVICE SALES MANAGER

“...will provide very interesting reading for many customers. It’s not uncommon for people to overestimate their uptime. They may think their production build time is around 60–70%, but in reality it may be closer to 40–50%...”

“The good thing about the utilization chart is that it shows exactly where available production time is going – including the areas people don’t normally take into account, such as board unloading and component wait time.

“The real value of this type of report, though, is that it highlights the areas that need looking at more closely. For example, investigating the reasons behind excessive ‘operator stop time’ could lead to improved work processes, and ultimately an increase in uptime and overall throughput.”

The path of continuous improvement

In today’s tough economic climate, having a ‘continuous improvement’ business philosophy is the norm rather than the exception. Most companies already work with some form of KPI tracking and equipment monitoring.

...provide a relatively basic level of production monitoring. For those customers who want more regular feedback, Mycronic also offers the MYRemote Performance service. This generates production reports and recommendations for improvement on a monthly or quarterly basis.

More intensive support is also available through the MYOptimization service. This includes in-depth auditing and analysis of line operations, technologies, operator skills, resources and workflows. The aim is to eliminate bottlenecks and improve efficiency across all aspects of production...

“There are many ways companies can enhance their operations,” says Anders. “We believe the new MYCare feedback routine provides a new, useful tool. Having an experienced Mycronic manager review the current production situation offers customers a unique outside-in perspective.

“It is a proactive approach to feedback that we hope will benefit all of our customers, making them more productive and successful.”

Mycronic receives 2014 Global Frost & Sullivan Award for Jet Printing

BASING ITS RECENT analysis of the surface mount technology printers market, Frost & Sullivan recognizes Mycronic and its MY600 Jet Printer with the 2014 Global Frost & Sullivan Award for New Product Innovation. “The MY600 is a complete solution for handling challenging printing applications such as flexible boards, cavities, multi-level printing, and quad-flat no-leads, with micrometer accuracy,” says Frost & Sullivan Research Analyst Viswam Sathiyanarayanan and continues “Evidently, Mycronic meets its customers’ requirements for complex printing with uncompromised yield and quality in all aspects.” Each year, Frost & Sullivan presents this award to the company that has developed an innovative element in a product by leveraging leading-edge technologies. The award recognizes the value-added features/benefits of the product and the increased return of investment it offers customers...
MILLIONS OF COMPONENTS. ONE INTELLIGENT STORAGE SOLUTION.
LOOK INTO OUR SMD TOWER FOR A BETTER WAY.

Whether you’re assembling PCBs for advanced smartphones or electronic systems for cars, maintaining seamless production is critical. It’s about more than just speed. You also need material handling solutions that enable the highest possible line utilization at the lowest possible cost. Full control. Easy MSD tracking. And smart storage of an endless array of indispensable components.

The answer is not adding more factory staff, storage space or trolleys, but embracing a smarter solution. Like our new SMD Storage System, which can handle thousands and thousands of part numbers without losing track of a single reel. So why not put our high-mix thinking to work in your higher volume environment?

Mycronic receives dual Global Technology Awards at SMTA International

Mycronic was presented with dual 2014 Global Technology Awards at the recent SMTA International Conference and Exhibition. The unique and highly innovative MY600 Jet Printer, with its impressive 1,080,000 dots per hour capacity, was awarded in the category of “Dispensing Equipment.” At the same time, Mycronic’s new MY200 pick-and-place machine series, designed to boost productivity in the most demanding production environments, was awarded in the “Placement – low to medium volume” category. “We are excited to receive both these awards, and convinced that our winning solutions bring remarkable productivity and cost savings to our customers,” says Simon Sandgren, Marketing Director. The two awards were presented to the company at a ceremony that took place at the Donald Stephens Convention Center in Rosemont, IL. //