

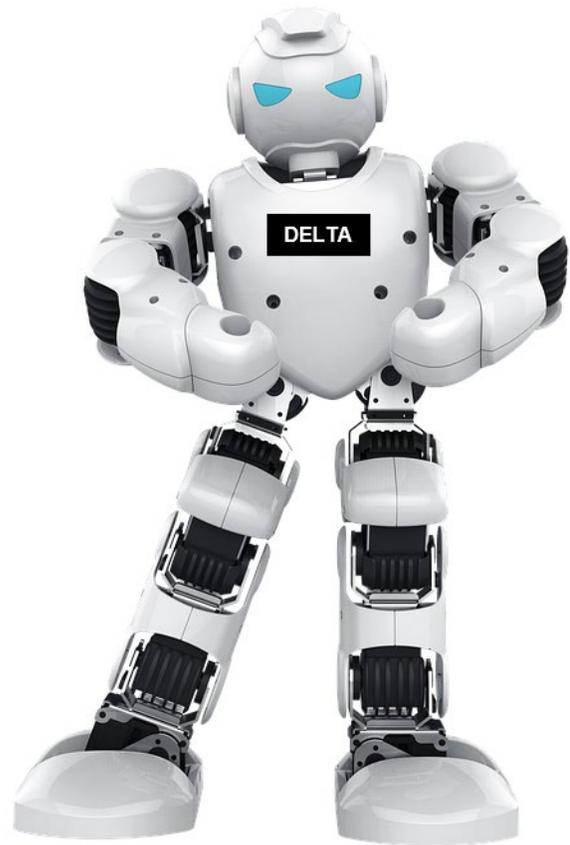
New Year's Resolutions for Manufacturers

Whether your New Year's resolution involves training for and completing a 5k or building that backyard garden shed, it takes dedication and perseverance to see it through. Setting realistic New Year's resolutions in the professional arena is similar. The key for both is to set specific and measurable goals.

Who wouldn't love to triple sales and eliminate all production problems by the end of 2019? While possible, we all know that this type of scenario usually only happens in the movies. Rather, the true goal of resolutions is to focus on practical and realistic ways you can improve your business.

“An organization's ability to learn, and translate that learning into action rapidly, is the ultimate competitive advantage.”

~Jack Welch former Chairman and CEO of General Electric



Over the past year we have covered topics of emerging trends and technologies as well as something that, while not a new concept, applies to today's manufacturers just the same: lean manufacturing.

It's an exciting time for manufacturers. The leaps in technology have created multiple opportunities for growth. First, the easy part - Decide what you want to achieve, what you want to make happen, and what most needs to be done. Next, the hard part - Set your GOALS/RESOLUTIONS.

Some suggested New Year's resolutions for manufacturers:

- **Automation is the Key to the Future**

Manufacturers have been leading other industries in automation for decades, but many aren't aware of the state-of-the-art, advanced robotics – and they should be. Uses of advanced robots goes far beyond their traditional implementations, and your imagination is the only limitation.

- **Embrace Lean Manufacturing**

Lean manufacturing isn't about making drastic cutbacks. It's taking a close look at the way things are done and rethinking/improving the methods used - "working smarter, not harder." As you enter 2019, consider how you could make your organization be Lean.

- **Study up on the IIOT**

It's a fact, the IIOT is revolutionizing the way industries work. Whether it's enabling predictive analytics to detect a damaged mechanism or supplying real-time production data to reveal additional capacity in a plant, and even constant monitoring to prevent cyber-attacks, the IIOT is the force for powerful business outcomes.

- **Collect Data and Use it to Improve your Operations**

Some of the most valuable data on the shop floor, for example, that generated by legacy machines or human operators, is not being adequately captured by manufacturers. When it is, it is being collected manually for tracking purposes, not as a basis for improving operations. This is about to change with the introduction of Industry 4.0. Manufacturers need to prepare themselves for digitization of factories, making use of analytics, artificial intelligence and the IIOT.

- **Invest in your Team's Professional Development**

Even if your factory is "state-of-art" automated, people are still the most valuable "computer" on your shop floor. Creating a great work environment that fully engages employees should be a priority. This will also help you attract the next generation of manufacturing workers while improving the skill set of your current employees. Engage them fully in important decisions and watch the good things that happen!

"If you want to succeed you should strike out on new paths, rather than travel the worn paths of accepted success." John D. Rockefeller Business Magnate

- **Adopt Emerging Technologies**

There have been many breakthroughs with new technologies, particularly in robotics. The good news is advancements are enabling technology to become more affordable and accessible to manufacturers.

Delta Technology is here for you every step of the way. We can simplify the automation design and implementation process by helping create a robust spec that considers both the process and automation options available. Let us help you stay on top of emerging technology trends and look at ways they will benefit your business.

About Delta Technology:

Delta Technology has been the integrator and the manufacturers' strategic partner of choice for robotics, automation, and custom manufacturing solutions since 1997. We are proud to employ Industry 4.0 methodologies to creatively and expertly design, engineer, and build custom industrial automation solutions to solve the most complex manufacturing challenges.

We partner with our customers to clearly identify their challenges and understand their goals. Based on our findings and our extensive experience in manufacturing, we design and engineer the best custom solutions for them.

We specialize in:

- Design, engineering, fabrication, and assembly of custom industrial automation and robotics solutions
- Cutting-edge and modern lean automation and lean robotics
- Machine-control software development
- Integration of automation equipment
- Vision-guided robotics, inspection systems, and adaptive controls