



**Thai Summit has made a name for itself as a leading global supplier in the sheet metal stamping industry. For over 35 years, they have provided their customers with world-class engineering, stamping, and assembly capabilities. With facilities in North America and Asia, Thai Summit is simultaneously serving a global customer base and delivering world-class technology.**

Thai Summit's Howell, Michigan facility was the first manufacturing site in North America to productionize automated Visual Inspection systems and introduce remote laser welding. This 1.2 million square foot facility houses assembly bays, tool and die services, warehousing space, and more to help support production in North America. In partnership with customers, Thai Summit's engineers design, manufacture, and regularly inspect their tools to ensure quality and longevity.

Since their initial implementation of Plex MES in 2017, Thai Summit has evolved their digital transformation efforts. As they work towards becoming pioneers in digital manufacturing, Thai Summit employees have moved away from programs such as Excel and paper-based processes. This shows Thai Summit's commitment to digitization and to its customers.

## The Power of Data

With labor shortages and constraints in manufacturing, Thai Summit needed a solution that could improve their day-to-day



Not only has this initiative empowered employees to share their ideas but it has also allowed the team to see that their suggestions have an impact and are being used to improve business. Thai Summit has experienced a cost savings of at least \$3 million per year as a result of employee suggestions, with significant payouts to employees and teams delivering valuable suggestions.

## Productivity Abound

Thai Summit currently has two facilities running Plex's MES A&O solution. Prior to Plex, Thai Summit was experiencing 1.5 hours of downtime during an 8-hour shift on lines in their facility. Since implementing MES A&O, this number has dropped to approximately 20 minutes of downtime per shift, sometimes even less. This equates to nearly an 80 percent decrease in day-to-day downtime.

With Plex software available to tell Thai Summit when and why downtime is occurring, the need for in-person equipment checks has also decreased. This is not only streamlining the day-to-

day processes but it's also giving employees the opportunity to focus their attention on higher value-added tasks. The automatic tracking available with Plex MES A&O gives Thai Summit team leaders and operators the opportunity to produce detailed reporting daily, further adding to their overall efficiency. With a deeper level of detail when it comes to data reporting to customers, Thai Summit stands out amongst competition.

With the help of Plex's data collection and Thai Summit's ability to apply the proper resources to the areas that need

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Plex, by Rockwell Automation, is a leader in cloud-delivered smart manufacturing solutions, empowering the world's manufacturers to make awesome products. Our platform gives manufacturers the ability to connect, automate, track, and analyze every aspect of their business to drive transformation. The Plex Smart Manufacturing Platform™ includes

solutions for manufacturing execution (MES), ERP, quality, supply chain planning and management, asset performance management, production