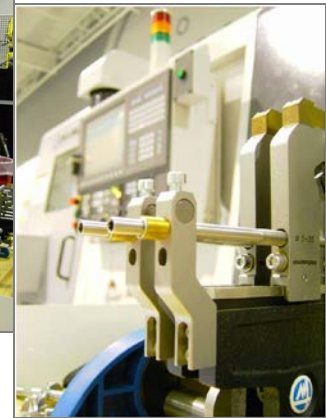


## Partners in THINC Uses Technology to Bridge the Skills Gap

As manufacturers are being challenged to increase throughput and profitability, they often look to purchase new equipment to get the job done. When considering the purchase of a new machine tool, one concern is the training required to use this advanced technology. However, through the open architecture THINC®-OSP control and the expertise available through Partners in THINC, new technology can be quickly integrated for rapid results.



*Marposs gage connected to LU300 via USB. The THINC®-OSP control screen provides operator guidance for gauging procedure.*

One example is the use of an integrated post-process gaging system to greatly reduce the part rejection rate. When the Marposs QuickSet system is used in conjunction with the THINC control, the technology does the work to ensure 100% compliant parts. In the example shown in the photo, two (2) critical dimensions are being measured on the part. The Marposs software is running on the THINC control, where the visual work instruction for proper part placement is shown on the screen. Once the part is placed in the gauge, it is measured and the software produces a graph for a green (go) or red (no-go) indication. This information is recorded by the Marposs Quick SPC software, where it is used in one of two ways, depending on how the system is set up

1. The software graphs a trend which can be used to assist with manual tool compensation
2. The software communicates with the control for automatic tool compensation

In addition, since the software is connected to the THINC control, tool compensation logic will automatically account for normal tool life. With this system, the software automatically chooses tool compensation

- For the right tool
- In the right amount
- In the right direction

With the seamless integration between machine tool control, gaging and SPC software, continual production of compliant parts is greatly enhanced. The final result is higher output, reduced scrap, and lower manufacturing costs.

For more information on Marposs and their products, [visit their website](#).