

BPM Microsystems' WhisperTeach+ Takes Honors for 2019 New Product Introduction

Innovative Software Solution Automates Z-Height Plus Socket Locations

HOUSTON, TX, UNITED STATES, March 26, 2019 /EINPresswire.com/ -- [BPM Microsystems](#), a leading global provider of device programming solutions, received the 2019 New Product Introduction (NPI) Award in the category of Production Software for its WhisperTeach+ solution, only available on BPWin™ software. The award was presented to BPM at the 2019 IPC APEX Show. This marks two years running to win the NPI; [WhisperTeach™](#) won last year for automating the z-height teach. WhisperTeach+ takes it to another level by automating not just the critical z-height, but all of the socket locations as well.



2019 New Product Introduction (NPI) Award in the category of Production Software

“

Faster set-ups without sacrificing quality will change the way programming is done. WhisperTeach+ has the potential for a big boost in productivity.”

Colin Harper, Product Director for BPM Microsystems

“This is a game-changer,” says Colin Harper, Product Director for BPM Microsystems. “Faster set-ups without sacrificing quality will change the way programming is done. The numbers don’t lie– even using very conservative time-savings, WhisperTeach+ has the potential for a big boost in productivity,” says Harper.

With WhisperTeach+ fully-automated self-teaching (Patent Pending), operator involvement in job set-up is radically improved, reducing manual teach points by 94% for a machine with a standard tape-in/tape out and 48 programming sockets. The operator teaches the

input/output locations using WhisperTeach, then manually places a device in the first socket, and executes the WhisperTeach+ command to begin the auto-teach process. The pick nozzle then moves to this first socket location and automatically detects the top of the device in the socket,

accurate to within 15 microns, and “learn” X, Y, Z, and Theta. Auto-teach then continues, populating and teaching each remaining socket. As each site is taught, the programming process begins immediately. With the typical scenario described, teach points are reduced from fifty to three. WhisperTeach™ and WhisperTeach+ (both Patent-pending) are only available with BPM Automated Programming Systems.

A factory with 3 shifts and 3 job setups per shift, saving conservatively as little as 15 minutes per setup can recoup 563 production hours annually, greatly improving machine capacity. Assuming 1,000 units per hour typical run-rate, the operation can produce 563,000 additional devices per year with the potential to generate or save \$85,000 or more annually.

The annual [NPI Awards](#) recognize companies that introduce innovative new products for electronics assembly equipment, materials, software, and PCB fabrication. Award recipients are chosen by an independent panel of industry experts.

To learn more about BPM's products, visit www.bpmmicro.com. BPM Microsystems has been a leading global provider of device programming systems for nearly 35 years and is known as the Gold Standard in test and measurement systems, factory integration software for automotive, OEM, semiconductor and electronics industries. BPM products are sold globally through their network of experienced international distributors and representatives. To connect with BPM, email them at info@bpmmicro.com, or give them a call at 713-688-4600.

Scott Bronstad
BPM Microsystems
+1 713-688-4600
[email us here](#)



James Holava, BPM's Global Sales Director and Scott Bronstad, Marketing, accept the 2019 NPI Production Software Award on behalf of BPM Microsystems. Presenting is Circuit Assembly Magazine's Editor-in-Chief Mike Buetow

BPM  **MICROSYSTEMS**
Setting the Standard in Device Programming

Visit us on social media:

[Twitter](#)

[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/480294911>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2021 IPD Group, Inc. All Right Reserved.