



NBS enhances its manufacturing process control capabilities with 3D solder paste inspection



Leading EMS provider NBS (www.nbscorp.com) has today announced the acquisition of four VI Technology post-print automatic Solder Paste Inspection systems for its state of the art manufacturing facility in Santa Clara, California. Its deployment and use of structural test verification technology identified the value of adding the new equipment.

Typically the need for in line solder paste inspection is driven by maintaining production line stability and providing notification of process deviation. With extremely frequent change over and often smaller run sizes, NBS has different needs than many other manufacturers.

NBS Director of Engineering Jeff Armato commented on the new installation; "Adding 3D SPI will enable us to deliver an even higher level of product quality. Our goal is always to meet or exceed the requirements dictated by the product designs from our diverse customer base.

Armato continued, "Some very specific goals and acceptance criteria had to be met in order for SPI to properly serve our manufacturing environment:

- Printer verification, even on first time builds
- 30 minute or less CAM to board test time
- Minimal false calls
- Data with traceability to downstream inspection and test"

"Our evaluation of competitive systems in the market was comprehensive. We believe that VI Technology 3D-SPI will more than satisfy our desire for achieving the highest degree of process repeatability while reducing incidents of rework."

ENDS

PHOTO CAPTION: The VI Technology 3D-SPI Systems were chosen for their ability to meet the demanding requirements of NBS' unique manufacturing processes.

About NBS

NBS (<http://www.nbscorp.com>) is a fully integrated EMS provider headquartered in Northern California. NBS provides end-to-end solutions that include leading-edge services in design engineering, manufacturing engineering, NPI, production, supply chain and logistics, test, box build and systems integration. The company services technology businesses throughout the world and has facilities in Santa Clara, Calif; Santa Barbara, Calif.; Nashua, N.H.; and Jakarta, Indonesia.

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