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PRESS RELEASE

Saki Launches Time-Saving Job Data Convert Function

New import function generates the library for PCBA inspection automatically from Pick & Place machine component information data

Tokyo, Japan – February 24, 2021 – Saki Corporation, an innovator in the field of automated optical and X-ray inspection equipment, has released a Job Data Convert function that enables the automatic generation of data for board inspection on SAKI 3D-AOI systems by using the component information data generated for Pick & Place machines. This new conversion functionality enables users of SAKI's 3D-AOI systems to significantly reduce the time taken to create board inspection programs by directly importing the Pick & Place data to automatically generate a library for PCBA inspection.

In a typical surface mount assembly process, the production engineer sets up a data library for the placement machine, which includes the physical dimensions of the components to be placed. It is also necessary to build up an inspection data library that contains the same component information to create a program for the board inspection system, which sits downstream from the Pick & Place machine. In typical SMT assembly lines with Pick & Place machines and board inspection systems, users must duplicate effort to create data libraries of components for both machines separately, which presents a productivity challenge for assembly line operations.

To address this, Saki has collaborated with Pick & Place equipment manufacturers to develop the Job Data Convert and automatic library generation function. The new function works with all SAKI 3D-AOI machines. Not only can SAKI 3D-AOI users save their time for creating inspection programs with introducing this Job Data Convert function to their inspection systems, but they can also use it to simplify programming procedures and the training for the programming.

As of February 2021, the first supplier of premium Pick & Place brands covered by the Job Data Convert function is Connected Solutions Company, Panasonic Corporation. Further collaborations with SMT assembly system partners will follow.



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Yoshihiro Akiyama, Director and CTO of Saki Corporation, said: “As well as seeking to improve the quality and inspection accuracy of individual inspection systems Saki offers a wide range of solutions that contribute to improving the quality and productivity of the entire production line, helping customers to realize a Smart Factory. The newly developed Job Data Convert function can be added as an optional feature to all Saki 3D-AOI systems. We will continue to expand our collaborations with SMT assembly system partners to deliver convenient, effective, and intuitive data coordination solutions to our customers that help to increase the productivity of their SMT lines. I invite you to visit our online demonstration to see the innovations behind our next-generation automated inspection solutions for the high-quality Smart Factory.”

For more information on the Job Data Convert function, including detailed specifications, online demonstrations, pricing, and details of the machines on which it is available, please contact Saki.

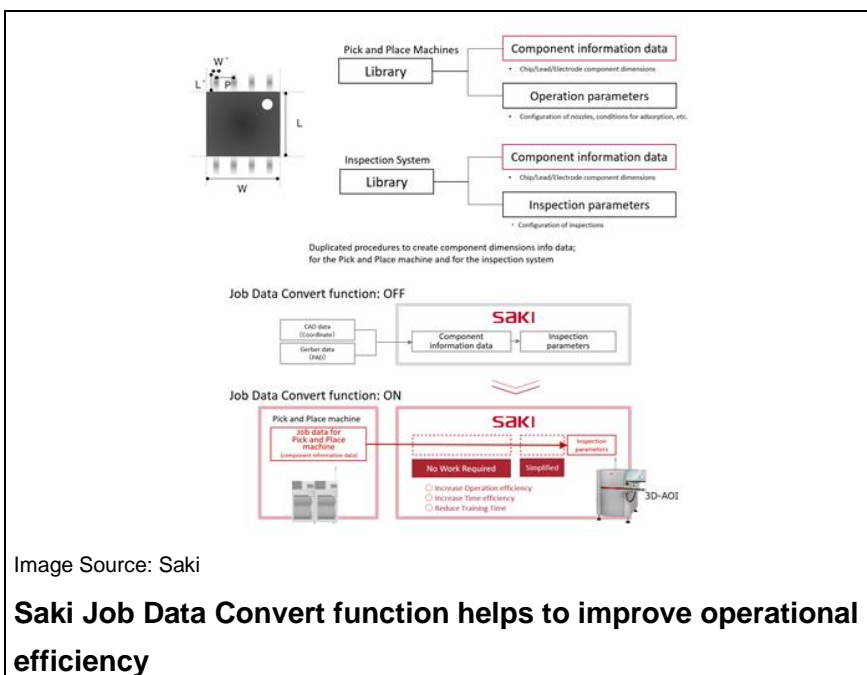
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For more information about Saki visit www.sakicorp.com/en/.

Available images





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About [Saki Corporation](#)

Since its inception in 1994, Saki has led the way in the development of automated recognition through robotic vision technology. Saki's 3D automated solder paste, optical, and X-ray inspection and measurement systems (SPI, AOI, AXI) have been recognized to provide the stable platform and advanced data capture mechanisms necessary for true M2M communication, improving production, process efficiency, and product quality. Saki Corporation has headquarters in Tokyo, Japan, with offices, sales, and support centers around the world.

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