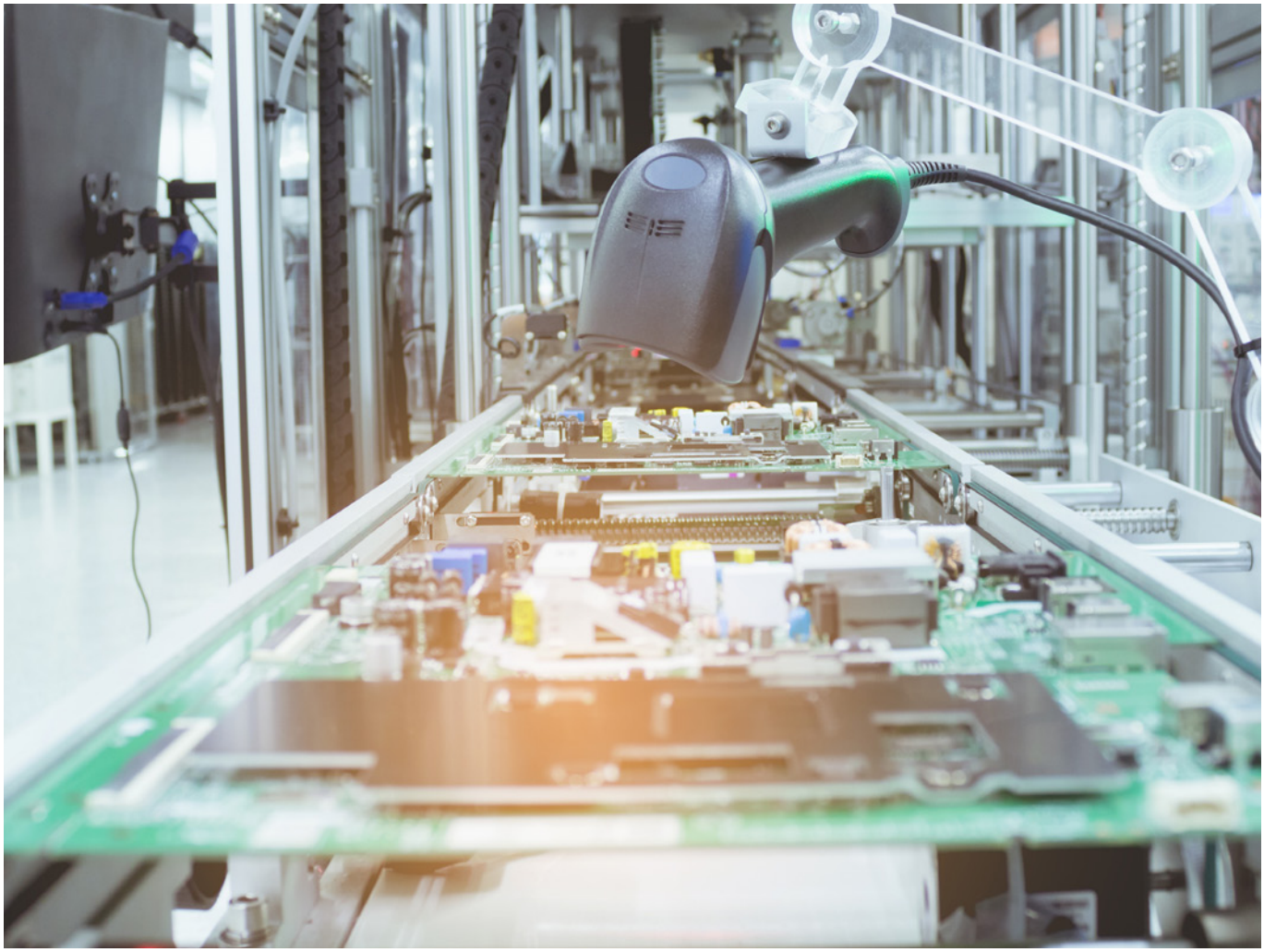
Case study

Accuracy and speed



A large electronics manufacturer can track any printed circuit board it produces throughout its lifetime with reliable labels and print & apply systems from Brady.

Challenge

A reliable traceability solution

Electronics manufacturers are continuously looking to improve efficiencies and optimise the use of available resources. Reliable traceability systems that can track & trace any printed circuit board during and after production are a key factor to accomplish this goal. In addition, complete traceability is also a requirement from customers in diverse markets. However, how do you properly identify millions of, sometimes very tiny, electronic components that are produced at great speed, in extreme temperatures and with the use of specific chemicals?

Solution

An automated label print & apply system

Brady offers a complete, high quality traceability solution that can identify printed circuit boards and other components with great accuracy, speed and reliability.

At the core of Brady's traceability solution are extremely reliable polyimide labels that stay attached and remain legible in high temperature, pressure and chemical environments. These labels stay in place, and enable users to identify any component throughout its lifecycle.

In addition, Brady also offers the BSP61, a highly reliable print & apply system (and the BradyPrinter A8500 Label Printer Applicator predecessor) that can keep up with modern, automated printed circuit board SMT lines. The BSP61 accurately prints on tiny, 4 mm labels and automatically places them with great precision and speed on printed circuit boards in production.

On top of this, Brady provides software, training for employees and proactive service and support to help solve emerging identification challenges.

Result

Automated traceability with reliable labels

With a number of BSP61 Print & Apply Systems in place, the electronics manufacturer is achieving great production and material efficiency while also enabling reliable traceability for even the smallest printed circuit boards.

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