

ASM Setup Center

RELIABLE SETUP VERIFICATION

ASM Setup Center is a software tool for reliable setup verification. Users can check already during the setup phase whether the components are set up correctly and track the process in detail. Setup errors and material bottlenecks can be recognized at an early stage in the production process. This prevents line stops and saves time and money.

In SMT production, many factors affect the quality and productivity of the placement process. An error-free setup is one of them. Even when components have similar package shapes, their electrical characteristics may differ significantly. The vision system may not be able to tell them apart.

The ASM Setup Center makes it easy to recognize errors of this type. It can be easily integrated into SIPLACE Pro, the industry's leading programming and line management system.



Your benefits at a glance:

- **Flexible:** Flexible barcode configuration for a wide range of label formats on the packaging unit.
- **Wireless, quick and easy:** Wireless scanner make reading the various barcodes quick and easy. ASM Setup Center supports the simultaneous use of multiple scanners.
- **Planning reliability:** Fill level indicators point to low feeders early and issue warnings to the operators, thus maximizing the availability of the entire line.
- **Structured:** The ASM Setup Center database stores component locations and quantities as well as their unique package IDs.



Benefits beyond setup verification:

1. Collection and documentation of relevant material data such as the source of components.
2. Storage and tracking of data such as the fill level of component reels.
3. Expanded traceability down to the individual packaging unit (for example, the component reel) in combination with unique package IDs.
4. The scanning system handles a wide range of barcode formats. New formats can be easily added.

Efficient and easy setup verification

Using the ASM Setup Center manual scanner, the operator reads each reel's barcode and uses it along with the feeder's ID and the placement data in SIPLACE Pro to verify that the setup is correct. Since this prevents the installation of wrong components, you avoid a reduction in productivity, an increase in scrap and repair costs, and – in a worst-case scenario – expensive product recalls. Via the graphical interface the operator can check the current setup and its verification status, making the entire process faster and more reliable. The wireless barcode scanner is easy to operate and can be pointed anywhere.

In addition, ASM Setup Center makes it possible to monitor each feeder's fill level. If a feeder is about to run empty, the station software issues an alert. Line stops caused by missing components are thus reduced to a minimum.



TECHNICAL DATA

<p>ASM Setup Center comprises the following components and subsystems:</p>	<ul style="list-style-type: none"> ■ Setup Center GUI (Client). ■ Setup Center Database (Server). ■ Datalogic 1D/2D (wireless scanner) or Zebra PDA (WIFI scanner). ■ Multiple Setup Center GUIs (for example, one per line or one for each setup preparation area) can be linked to a single central Setup Center database. Depending on your needs, multiple wireless scanners can be connected to the system.
<p>Supports a wide range of barcode types</p>	<ul style="list-style-type: none"> ■ 1D codes: All standard linear codes and linear GS1 DataBar™ codes ■ 2D codes: Aztec Code, Data Matrix, MaxiCode, QR Code, PFD Code.