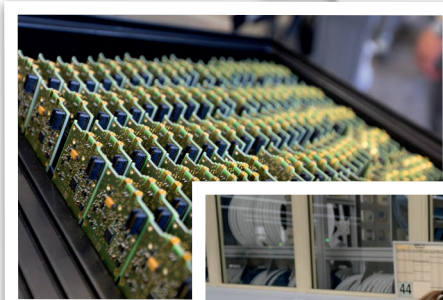
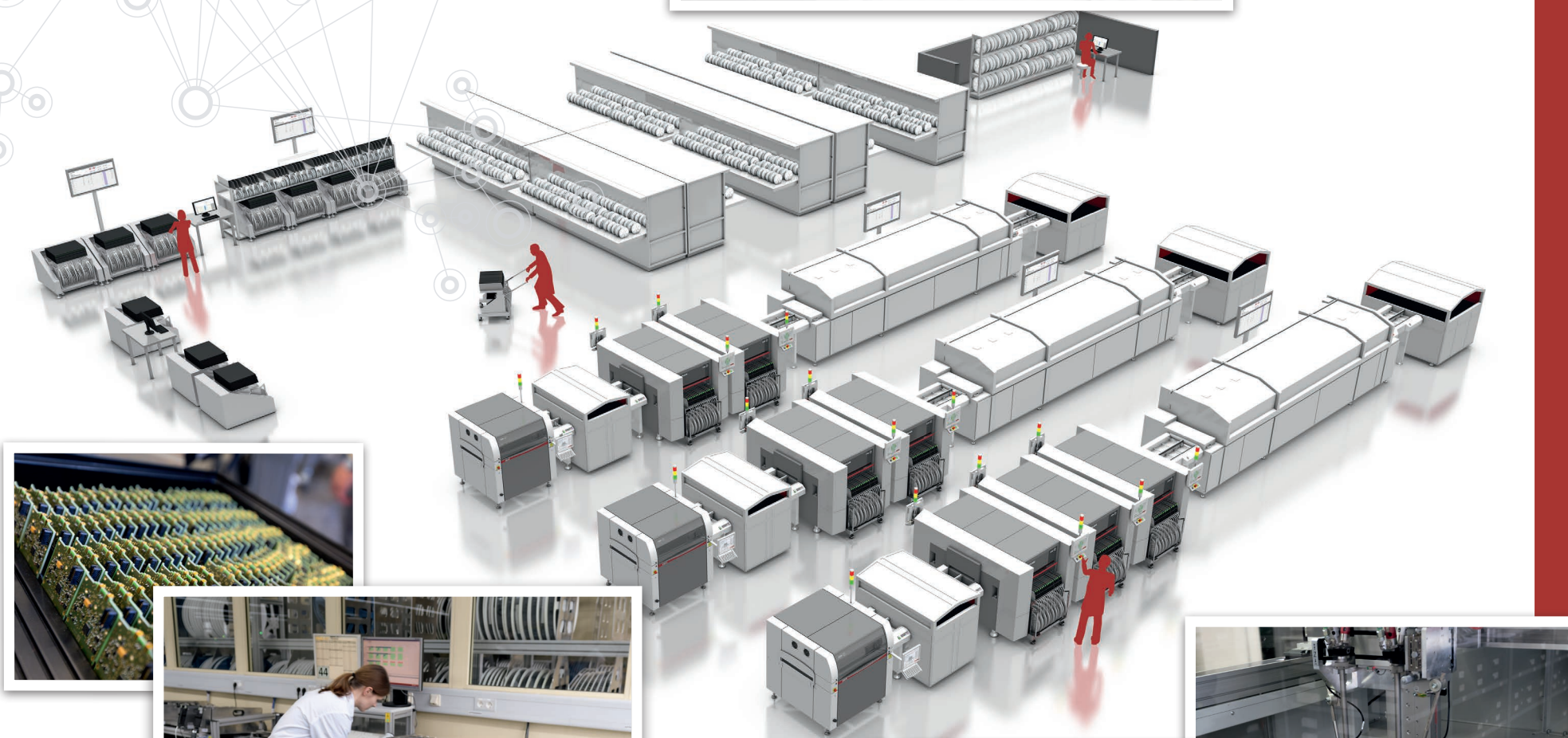


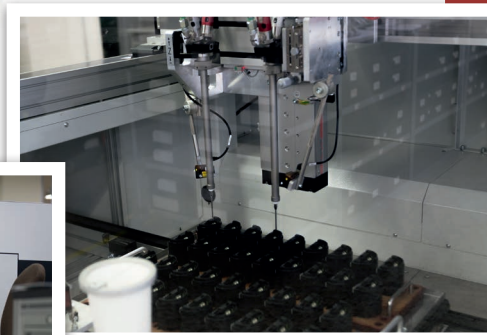
GERMANY

“We were able to reduce the time spent on material storage and picking by 30 percent.”

– Michel Wucher,
Leitung SMD Fertigung –



Supported by smart systems, a single operator handles the setup preparations for three lines.



VEGA Grieshaber KG in Schiltach, Germany

With its bright yellow sensor systems for fill level, pressure and other measurements, VEGA is one of the most innovative suppliers of industrial sensor technology. With their modular design, VEGA systems can be adapted to a wide range of customer needs and application requirements. The company's factory is characterized by state-of-the-art production methods.

Key Facts

- > 2-shift operation in electronics production
- > 3 SMT lines
- > Approx. 90,000 circuit boards per month
- > Places more than 140 million components annually
- > Approx. two setup changeovers per line and day

Focus

- > Efficient and reliable offline setup processes
- > Optimized and transparent material logistics
- > Minimization of manual labor on the line

Results/KPIs

- > Integrated material management solution
 - Assignment of UIDs to all incoming packages
 - Integration of paternoster storage systems
 - Workflow-oriented, mostly paperless communication (pick lists, setup lists, etc.)
 - Process- and package-oriented transparency regarding inventories and storage locations
 - Automatic registration of material consumption by the machines and automatic recording of residual quantities when items are returned to storage
- > Highly efficient setup processes
 - A single operator handles offline setups for all lines
 - Significantly reduced material travel
 - 30% time savings when moving materials from/to storage
 - 30% space savings thanks to automatic storage systems
 - PDAs and/or scanners indicate which tables and tracks require feeders to be set up
 - LEDs indicate whether a feeder should be torn down or moved to a holding area
 - Twice as fast in the setup preparation area
- > Operator guidance
 - Line Monitor indicates/prioritizes work steps on the lines
 - Only one operator per SMT line
 - Replenishment storage areas next to the lines
 - Significant reduction of material-related line stops

Scan the QR code to gain detailed insights into VEGA's processes and get an idea of the smart factory workflows.



VEGA
Smart SMT Factory



VEGA
Workflow Factory Integration