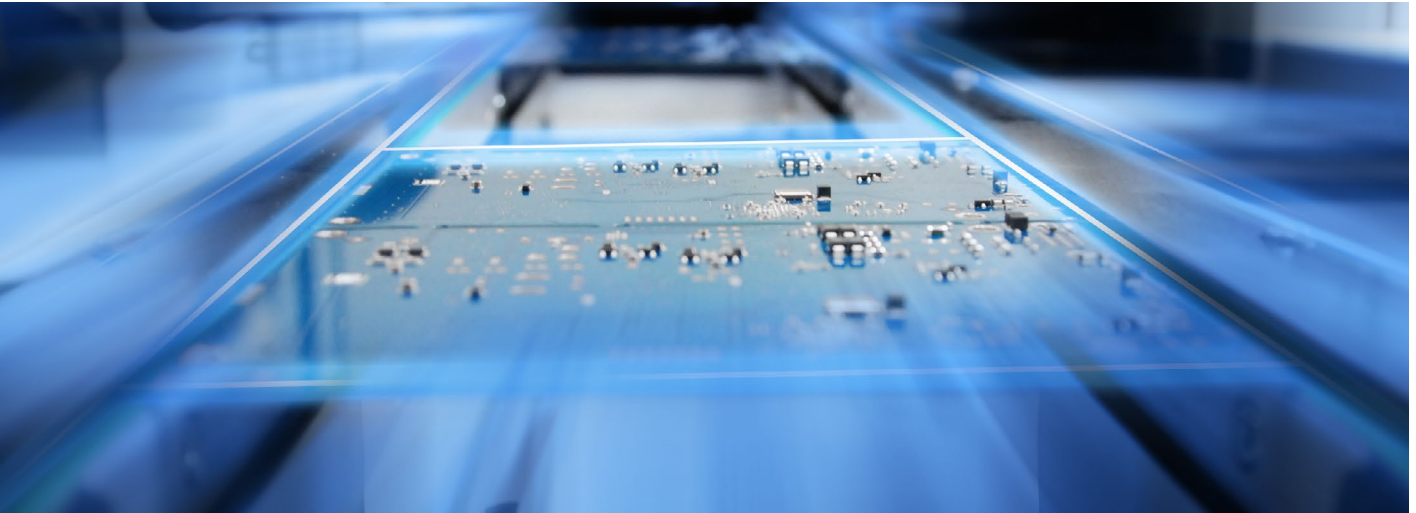


**Production / Support**



**Certified production -  
Electronics for any application**

**Made in Germany**



*IMM electronics GmbH is your expert contact person for custom solutions to your electronic products. As a producer of electronic components and devices in small to medium to large series, IMM electronics GmbH performs all processes and procedures in accordance with the prescribed quality management plans. In addition, services such as component assembly, cable assembly or testing electromagnetic compatibility are provided. Customer requirements with regard to delivery time, lot sizes or product properties are incorporated by means of control systems in the ongoing process. We ensure a complete and comprehensive traceability across all production steps and are certified according to DIN EN ISO 9001, 14001 as well as DS/EN ISO 13485. IMM electronics GmbH is your steadfast partner - even beyond the conclusion of the order.*

### We offer:

- Flexible and customised solutions
- Detailed traceability for each component
- Flexible production systems with high quality placement machines
- Production of prototypes to pilot series to series production

### Our services:

- Surface-Mounted Technology (SMT)
- Through-Hole Technology (THT)
- Automatic optical inspection (AOI), boundary scan, flying probe or individual test procedure
- Assembly of complete devices and systems

## Fields of Application

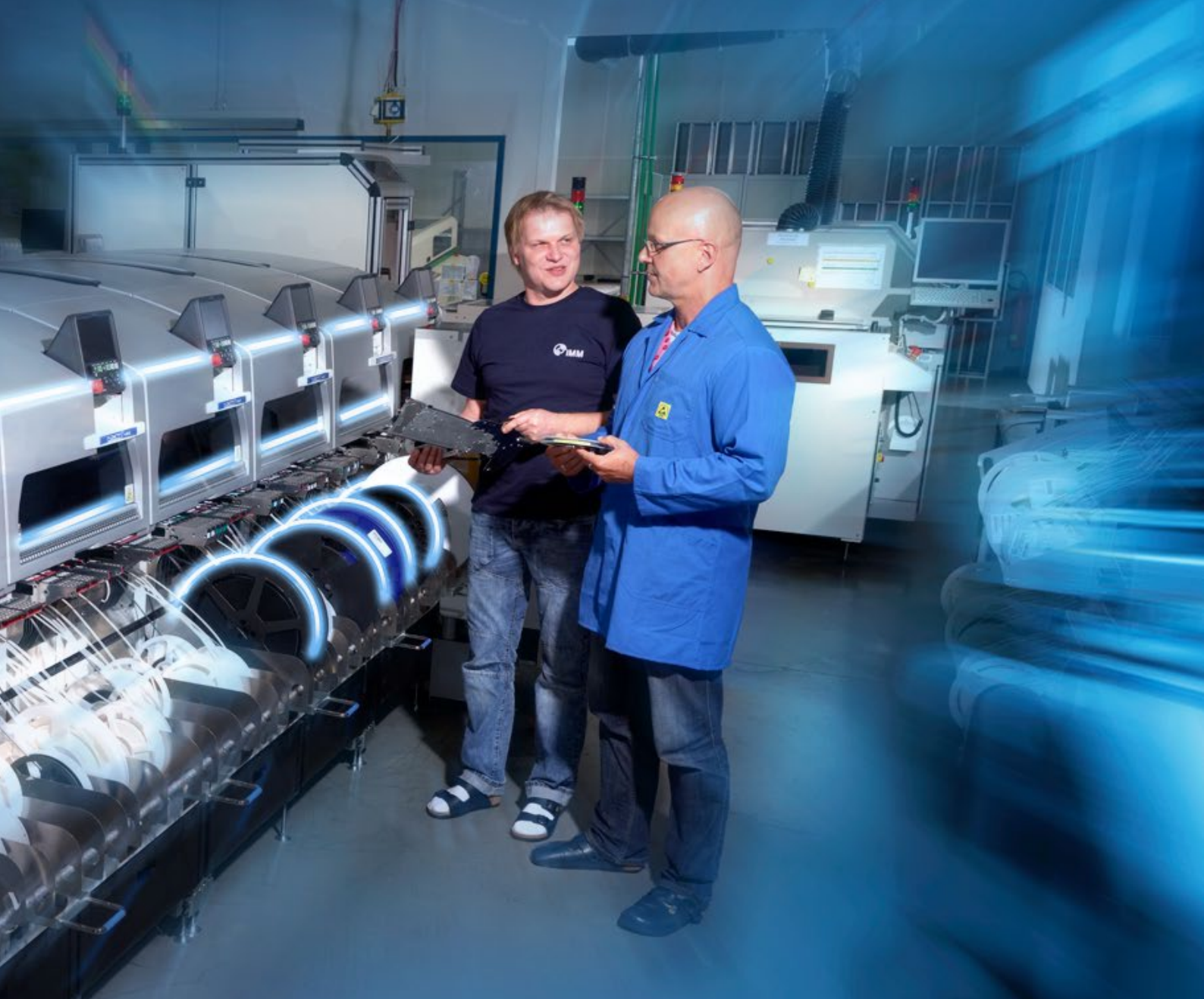
Automation technology / industrial electronics

Medical technology

Media technology (audio / video)

# Excellence in Production.

Competent. Flexible.  
Solutionoriented.



## Our references

*RME*

*DirectOut Technologies*

*twall®*

*twall®PLUS*

*Bikelogger® - meso international GmbH*

*centric guide® - theratecc GmbH & Co.KG*

*Laserdiodentreiber - LEC GmbH*

*RIMA - Holy Trinity GmbH*

*AREA - Holy Trinity GmbH*





# 1. Material management

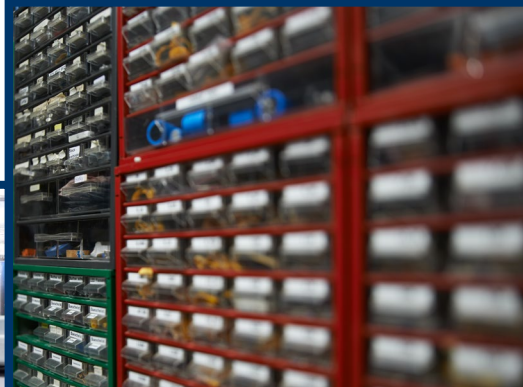
IMM electronics GmbH provides support for the best possible coordination of all factors in the material management process. Coordinated and flexible processes as well as an integrated IT connectivity are our basis for an efficient material management.

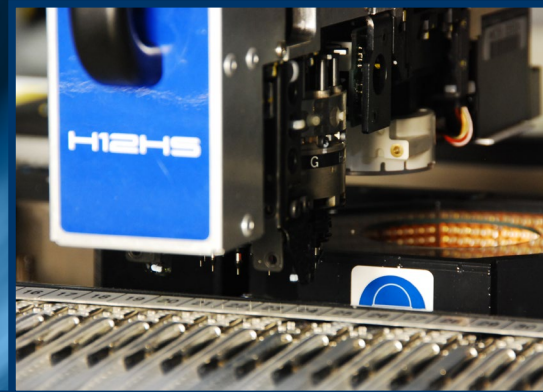
## Logistics

- from an order logistics controlled centrally by order management
- comprehensive material logistics from purchasing, incoming goods receipt inspection to storage
- intelligent and flexible shipping logistics to the customers of our partners - also world-wide
- Our services:
  - a personal contact person for you
  - material procurement from around the world
  - acquisition of customers clearances abroad

## Manual belt retractor

- for packaging SMD components in blister strips
- Belt width adjustable from 8 mm to 120 mm
- Camera for labelling and position control





## 2. SMT-Bestückung

We are your strategic valuable partner: Rely on our technical skills, our optimised manufacturing processes and our many years of expertise.

- Printing and labelling station
- Stencil printer - DEK Horizon 03i
- Automatic placement machine - Fuji NXT II
- Reflow soldering installation - VXS Nitro Type 523
- Automatic Optical Inspection system (AOI) - Viscom 3088-II
- Stencil cleaning system

## 3. THT-Bestückung

Just as reliable as the SMT/mechanical placement, we offer another range of services, especially in the THT placement segment. We cover the entire axial and radial THT placement. In addition to the conventional manual soldering, we offer everything from wave soldering to press-fitting. We cover our high level of flexibility and quality standards through our qualified team of employees.

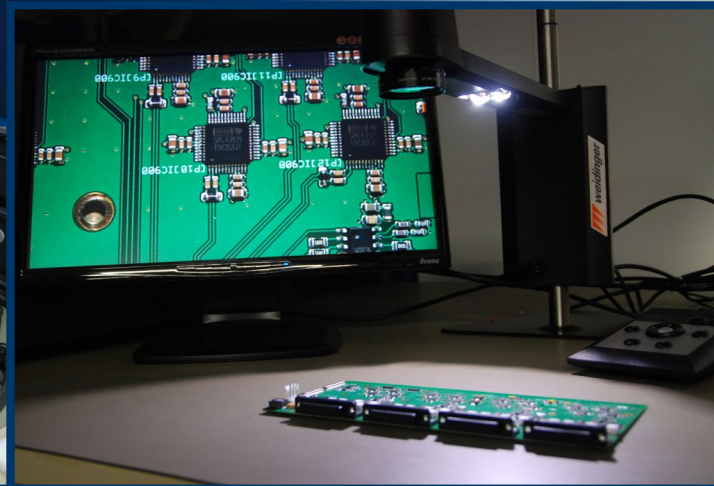
- Manual placement
- Wave soldering machine Kirsten - K 5360D „lead-free“
- Various press-fit systems





## 4. Device construction and assembly

The production expertise of IMM Elektronik GmbH encompasses the placement of printed circuit boards, cable assembly and the complete assembly of functional tested modules, devices and systems. The use of optimal manufacturing processes, the shortest manufacturing processing times and highest product quality is planned and realised by our experienced process and inspection engineers. Test designs and procedures are tailored to the specific needs of the products of our customers and create the basis for a zero-defect production.



## 5. Testing, reviewing, quality assurance

IMM electronics GmbH offers you technically sophisticated solutions at the highest level. The requirements that are placed on the environmental conditions during internal processes are described in all of our procedural, working and testing instructions. In order to also be set up optimally here in the future, IMM electronics GmbH integrates the core competencies of test equipment construction, test equipment design and creation of test designs as well as complete test adaptations. The „time-to-market“ is thereby reduced for the customer. Individual tests by the professional association complete our solution package.

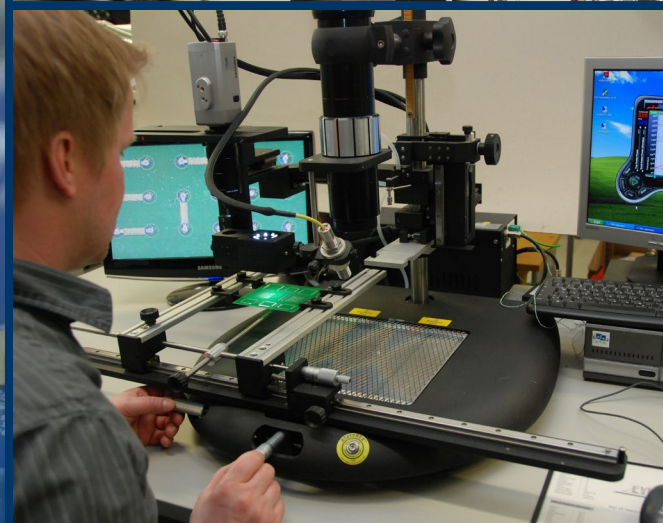
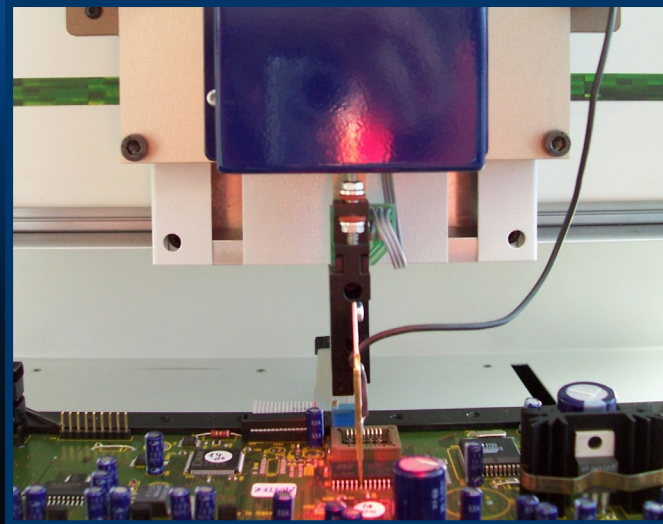
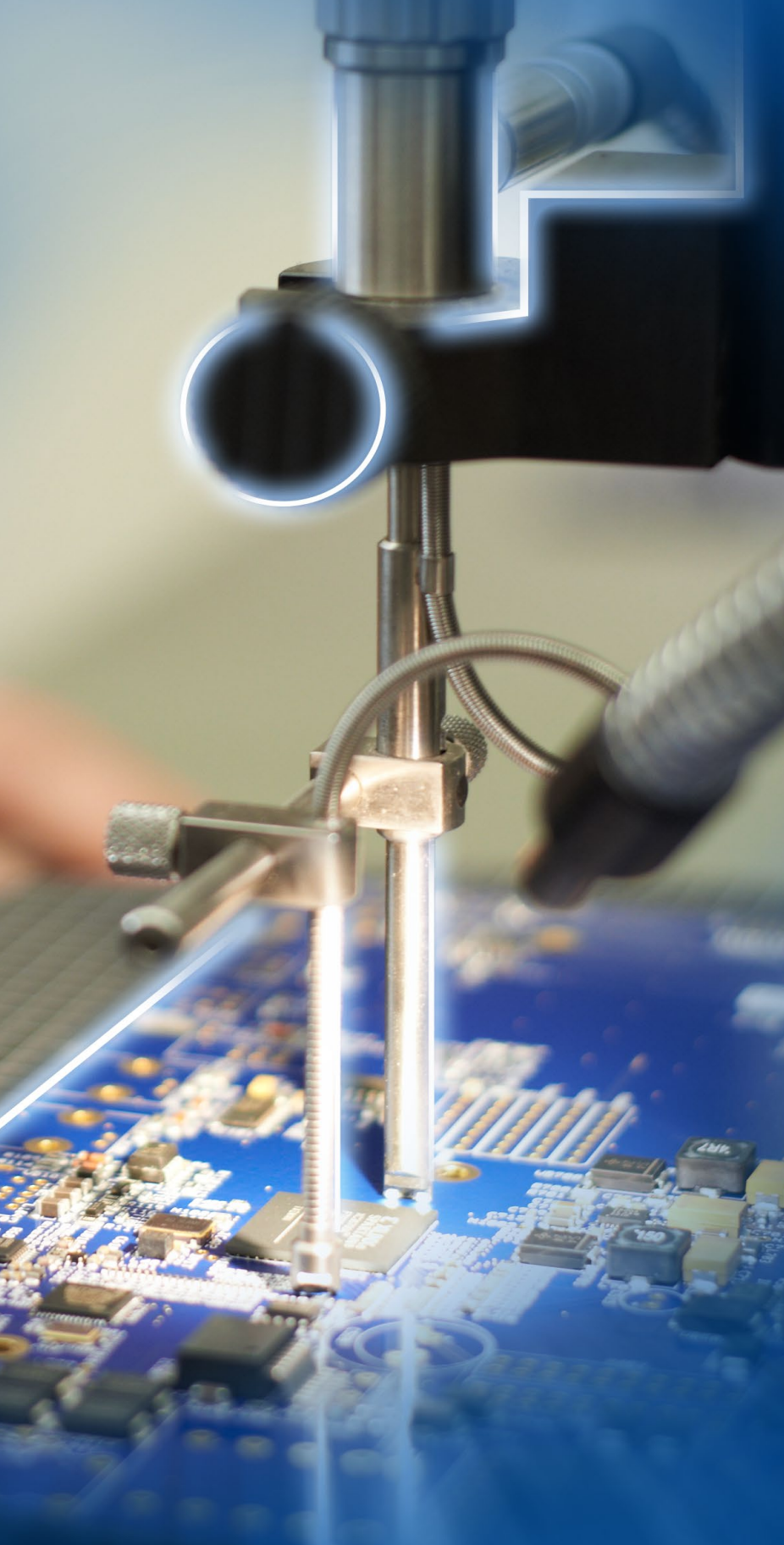
### Our test engineering:

- Automatic Optical Inspection system (AOI) - Viscom 3088-II
- Soldering point inspection system - Ersascope
- Visual inspection - Magnus HD
- GRS Flying Probe
- Boundary Scan System Göpel
- Evertec / Zevac



# Quality at the highest level

Reproducible. Precise. Traceable.





2004 Finalist  
2005 Großer Preis des Mittelstandes  
2011 Ehrenplakette  
2012 Premier-Finalist



Oskar-Patzelt  
STIFTUNG  
Initiative für den  
MITTELSTAND

### Managing Directors:

Prof. Dipl.-Ing. Detlev Müller  
CEO

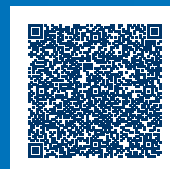
Mirko Allert B.A.  
COO

### Sales: IMM electronics GmbH

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Contact details