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## **Specialist for**

## printed technology and communication

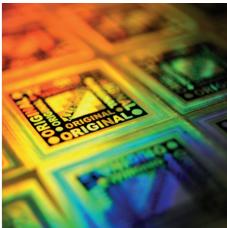




















Are you looking for a competent and experienced partner in the area of printed technology and communication? Witte Technology is the right choice! Stay on the safe side, and work with Witte Technology.

With our three business areas, we provide experienced and competent partners who offer you a variety of products and services in outstanding quality. For example, we manufacture custom labels for long-term and resistant marking, as well as printed products with security features, up to the highest levels of security.

And we can do much more: Reflective warning signs and films to meet current regulations, as well as seals, badges, documents, forms, and functional components made of printed electronics.







2 COMPANY **1.676** CUSTOMERS

530 EMPLOYEES 4 LOCATIONS

# For manufacturing products made of self-adhesive and non-adhesive materials.











Do you need high-quality products such as labelling systems, printed electronics and digital solutions? We manufacture type and rating plates, labels and films, and RFID labels, among other products.

Thanks to our different sales divisions of Industrial Technologies, Industrial Chemicals, and Automotive, we have specialised in the plusprint business area to meet the industry-specific requirements of our customers and stakeholders. This allows us to develop customer-specific

solutions alongside you, and offer you targeted advice and service.

#### Our core areas of expertise:

- Screen printing (roll and sheet)
- Digital printing (roll and sheet)
- Thermal transfer printing
- Flexo printing
- Laser engraving and punching
- Processing challenging materials
- Lamination

#### **Product brands**

#### technikett<sup>©</sup>

Type and rating plates with individually selected adhesive systems

#### lasercal<sup>©</sup> | laserMark<sup>©</sup>

Labels and films made of 2-layer specialized film that can be custom-labelled either by our customers or by us using a laser (for instance with bar codes, logos, serial numbers, etc.)

#### plusform®

Punched or stamped parts (including self-adhesive) made of many different material types and thicknesses (front panels, elastic buffers, spacers, etc.)

#### plusprotect<sup>©</sup>

Labelling. The system is compatible with your existing thermal transfer printer.

#### plusident®

Customer-specific HF and UHF-RFID label solutions, based on many different materials (paper, PET, PP, PVC, etc.), RFID hardware, RFID complete solutions and system integration, project management & production of specialised solutions.

#### pluslight®

Long-lasting photoluminescent safety systems, escape route signage including on site installation, IMO labelling and pipeline bands, for instance for marine applications.



Member of the Verband der Automobilindustrie



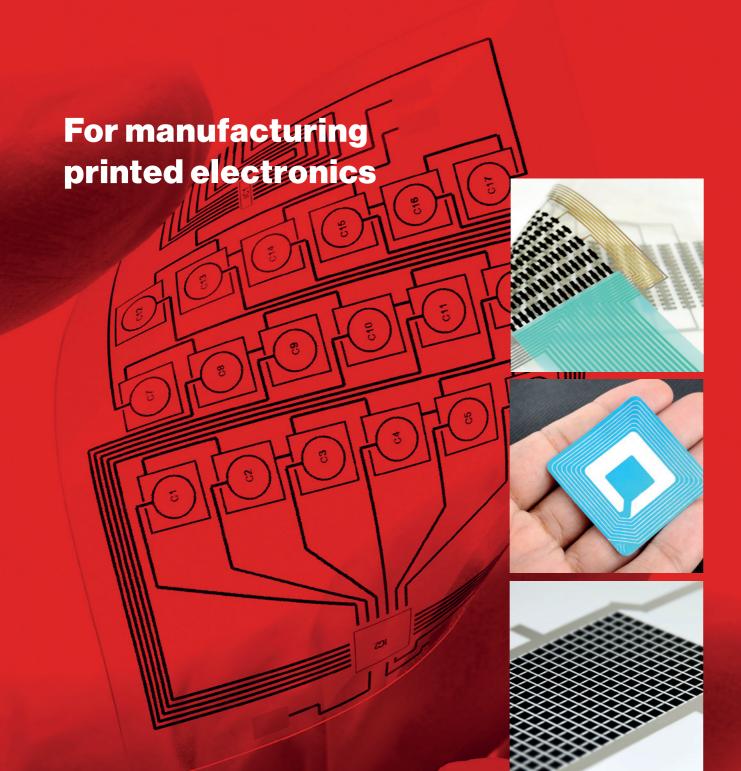
Member of AIM Deutschland e. V.



Quality management in accordance with ISO 9001 and ISO/TS 16949



Environmental management in accordance with ISO 14001





Printed electronics as functional printing is an outstanding example of pioneering printing technology. Overall, this term describes electrical/electronic components that are manufactured using "printable" functional fluids ("materials").

The individual layers required for the components are produced using common printing processes such as screen, Flexo, gravure, and ink jet printing, and can be either insulating, electrically conductive, or semiconducting. We have been focusing on this forward-thinking area since 2017, and specialise in a combination of printed components and elements of conventional electronics – known as hybrid electronics or PolyTronic.

Components considered "printed electronics" include, for instance, specialised conducting paths and electrode structures, batteries, sensors, heating elements, NFC antennae, organic light emitting diodes (OLED), organic photovoltaics (OPV) and transistors. If you were to compare a printed transistor with conventional electronics, for instance, the smallest transistor which can be manufactured using printing processes would be thousands of times larger (µm range) than in conventional electronics (nm range).

Today, there is a wide spectrum of applications where printed and organic electronics are in use. Their advantages, such as their compact size, cost and energy efficiency are even paving the way for their use in mass markets, and opening up heretofore untapped technical and design potential in many different industries. Printed batteries and antennae, for example, can take on almost any form and shape:

- Temperature sensors for food packaging
- electronic product labels to protect against forgery
- extremely thin and flexible displays
- illuminated films
- printed sensors and antennae for the automotive industry
- printed batteries



Member of the Verband Member of der Automobilindustrie AIM Deutschland e. V.



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Environmental management in accordance with ISO 14001

# For manufacturing security-relevant printed products



In the safemark business area, we have been developing and producing security-relevant printed products with both visible and invisible forgery-resistant features for over five decades.

The primary focus of the safemark business area is processing and modifying high-quality, self-adhesive film products with high technical requirements, specifically for official agencies, the automotive, electrical and chemical industry, and for product and brand protection as well as banking applications.

#### **Our products**

- Adhesive document seals
- Vehicle badges
- Web-based vehicle registration
- Motorway tax stickers, windscreen labels
- Product and brand protection
- Certi Trust®
- Closure seal
- PIN/PUK label
- Calibration marks and test seals
- Car sharing badges
- Custom-tailored customer solutions





Security and quality assurance measures for document processing



Security management for the production of security labelling systems



High-quality printing standard High-security partner



Quality management in accordance with ISO 9001 and IATE 16949



Environmental management in accordance with ISO 14001





As a high-quality printer, we are a certified manufacturer and partner in the development and production of security-relevant printed products.

The second focus of the safemark business area: We can work with you, whether you need to create access badges or seals, security-relevant stickers or customised forms for any area of town hall operations or state office administration in a city, municipality, or other organisation or official agency. Our customers also include international agencies and institutions. In addition, we offer a variety of forgery-resistant solutions in order to prevent counterfeiting and bootlegging.

### Features of forgery-resistant documents

- Holograms
- Serial numbers
- Thermochromic inks
- Guilloche printing
- Microprinting
- Watermarks
- UV pigments
- Fluorescent printing

#### **Our products**

- Registration certificates
- Vehicle registration documents
- Stickers for official agencies
- Driver's licenses
- IDs, special permits
- Forms, documents

The safemark business area offers security and quality assurance measures for document processing, security management for the production of security labelling systems and, of course, high-quality printing as a standard. We are a high-security partner and have a quality management fulfilling Intergraph certification ISO 14298.



Security and quality assurance measures for document processing



Security management for the production of security labelling systems



High-quality printing standard High-security partner



standard Quali ertner in accord



Quality management in accordance with ISO 9001 and IATF 16949



Environmental management in accordance with ISO 14001





The Vehicle Safety business area serves the commercial vehicle market with printed, reflective, and supplementary safety products such as warning signs, warning markings, protective equipment and repair and adhesive bands.

The plusguide business area is a leader in Germany in manufacturing high-quality vehicle safety products.

Based on current regulations and laws, we manufacture warning markings and signs for commercial vehicles, as well as a wide range of specialised products.

In collaboration with legislating ministries, we combine legal conformity with high quality to manufacture our

#### **Our products**

#### Warning signs

Hazardous goods signs, hazardous goods labels, parking warning signs, labelling signs according to ECE 70 and ECE 70.01 school bus signs, warning markings and warning flags for trailers, specialised truck signs (According to the GGVS/ ADR, StVZO, StVO and many other laws)

#### Warning markings

to label trucks, containers and lifting platforms, contour markings according to ECE 104 and vehicle warning markings

#### **Protective equipment**

Vehicle equipment according to the BG, hazardous goods cases and protective equipment (according to the GGVS)

#### Repair and adhesive tape

including highly tear-resistant OEM tarpaulin material Plaster-Tape® for long-lasting repairs of truck and trailer tarps













For manufacturing self-adhesive printed products and sales packaging for international customers



We serve primarily Mexican, US and international customers through Maquiladora Gráfica Mexicana S.A. de C.V.

From our two locations in Mexico in Guadalajara and Tijuana, we manufacture self-adhesive printed products and specialised labels, seals and formed die-cut parts, as well as high-quality cardboard sales packaging for customers, primarily from the automotive, entertainment and electronics industries, as well as the spirits area.

#### **Our products**

- High-quality sales packaging
- Hard-sided boxes
- Seals
- Prints
- Labels
- Building kits
- Type plates
- Insulating materials

#### Our core areas of expertise

- Screen printing
- Flexo printing
- Offset printing
- Digital printing
- Laser cutting
- Water cutting
- Lamination
- Assembly

WITTE TECHNOLOGY IS A COMPANY
OF THE WITTE GROUP





Customs Trade Partnership Against Terrorism



Quality management in accordance with ISO 9001 and IATF 16949



Member of AIAG