



# GET SECURE WITH SECURITY PRINTING

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# SECURITY

## THERE IS A LOT MORE TO SECURITY THAN MEETS THE EYE

- Loss of revenue
- Damage to Image
- Losing knowledge
- Economic damage
- Unjustified claims

### Originals under threat

Successful brands and products are the targets of manipulation and forgery. More than half the companies in the world and across all industries are affected by product and brand pirating. With the globalisation of trade flows and business, not to mention the rapid growth of internet trading, counterfeiters are exploiting every available path to ply their trade. Moreover, with technological advances, the quality of forgeries is reaching ever greater heights.

Don't let your company suffer serious damage to its image and loss of revenue. We can give you the very best protection: Resolve your security issues with security printing.

### Our diversity makes us unique

Whether it be digital, on paper or on the product, Schwarz Druck provides competent support for the widest range of needs and printmedia. We work with leading specialists and offer total system solutions along the entire value creation chain. The efficiency of our tamper-proof processes will be clear at first sight, and will become even clearer under closer scrutiny. This is because with Schwarz Druck, effective protection means that visible security features are also combined with concealed and even forensic security components. You can be sure that your original product will remain unique.

## Keeping track of the whole process chain

As a certified security printer, Schwarz Druck produces effective and integrated solutions for a wide range of applications. We always have the same objective in mind – the development of security and trust. Our top quality value and security printing solutions are proven themselves across the world in areas such as:

- ID Documents
- Visas
- Stamps
- Tax strips
- Vouchers
- Cheques
- Deeds
- Certificates and testimonials

Our high innovative research and development department is without doubt the greatest enemy of the fraudsters – and by the same token, is much appreciated by our customers.

Practical solutions for the protection of products and brands are tailor-made labelling and authentication solutions that enable trouble-free processes with long-term security.

We are the market leader and, thanks to comprehensive experience in the area of event and transportation ticketing, we provide innovative concepts and effective solutions for secure, trouble-free mobility and memorable moments.

01

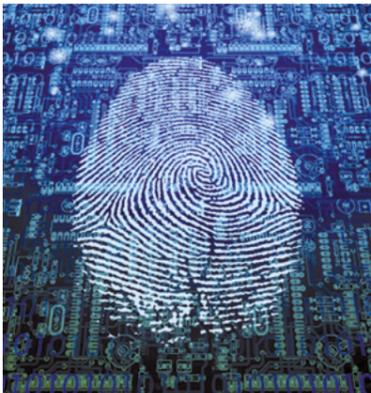
VALUE & SECURITY  
PRINTING

02

PRODUCT & BRAND  
PROTECTION

03

TICKETING



# THE COMPANY

WHERE TRADITION & INNOVATION  
GO HAND IN HAND, YOUR ORIGINAL  
IS IN THE **BEST HANDS**

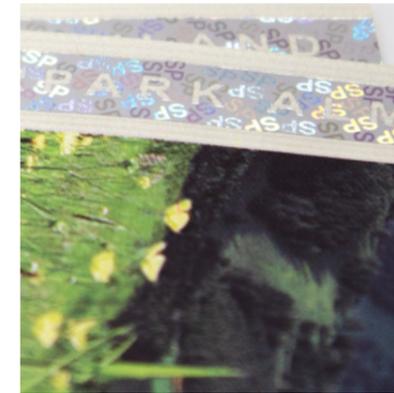
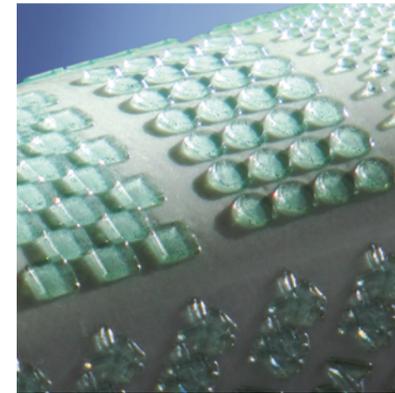
- Experience since 1898
- Highly qualified and specialised personnel
- Future-oriented solutions
- Systems provider
- International expertise

## More than 120 years in security printing

Schwarz Druck can look back over a long company history. However, we would never have gone where we are without continuously looking to the future. We never cease to address the question of what tomorrow's market will need and we realise our visions by developing tangible, high quality solutions.

We use effective security features and production processes to protect your originals, guarantee your reputation and prevent damage. And you can rest assured that we will use all the resources at your disposal: With our highly specialised research and development department, we have access to wide-ranging product and production know-how and work constructively with researchers, scientists and educationalists alike. Consequently, you receive state of the art system solutions starting with production, moving through to information management and then to appropriate logistics.

**Benefit from the exclusive "Made in Germany" quality.  
No matter where - with our headquarters in Germany, our sales  
offices across the world and international partner network, we are  
available for you any time!**



## Technical sophistication at every level

- |   |   |
|---|---|
|  Security Paper/Foil |  Embossing               |
|  Watermarks          |  Die Cutting             |
|  Security Printing   |  Coding                  |
|  Security Ink        |  Numbering               |
|  Draft & Design      |  Finishing               |
|  Secure Logistics    |  Track & Trace Systems   |
|  RFID                |  Security Infrastructure |
|  Holograms           |  Research & Development  |

# INTERNATIONAL EXPERTISE

## Europe

- Belgium
- Germany
- France
- Liechtenstein
- Macedonia
- Montenegro

- Switzerland
- Slovakia
- Czech Republic
- UK
- Austria

## Asia

- VR China
- Kasachstan
- Malaysia
- Myanmar
- Philippines

## Africa

- Algeria
- Burkina Faso
- Djibouti
- Ivory Coast
- Eritrea
- Kamerun
- Kongo (DRC)
- Libyan Arab Jamahiriya
- Madagascar
- Nigeria
- Togo
- Zambia

## Central America

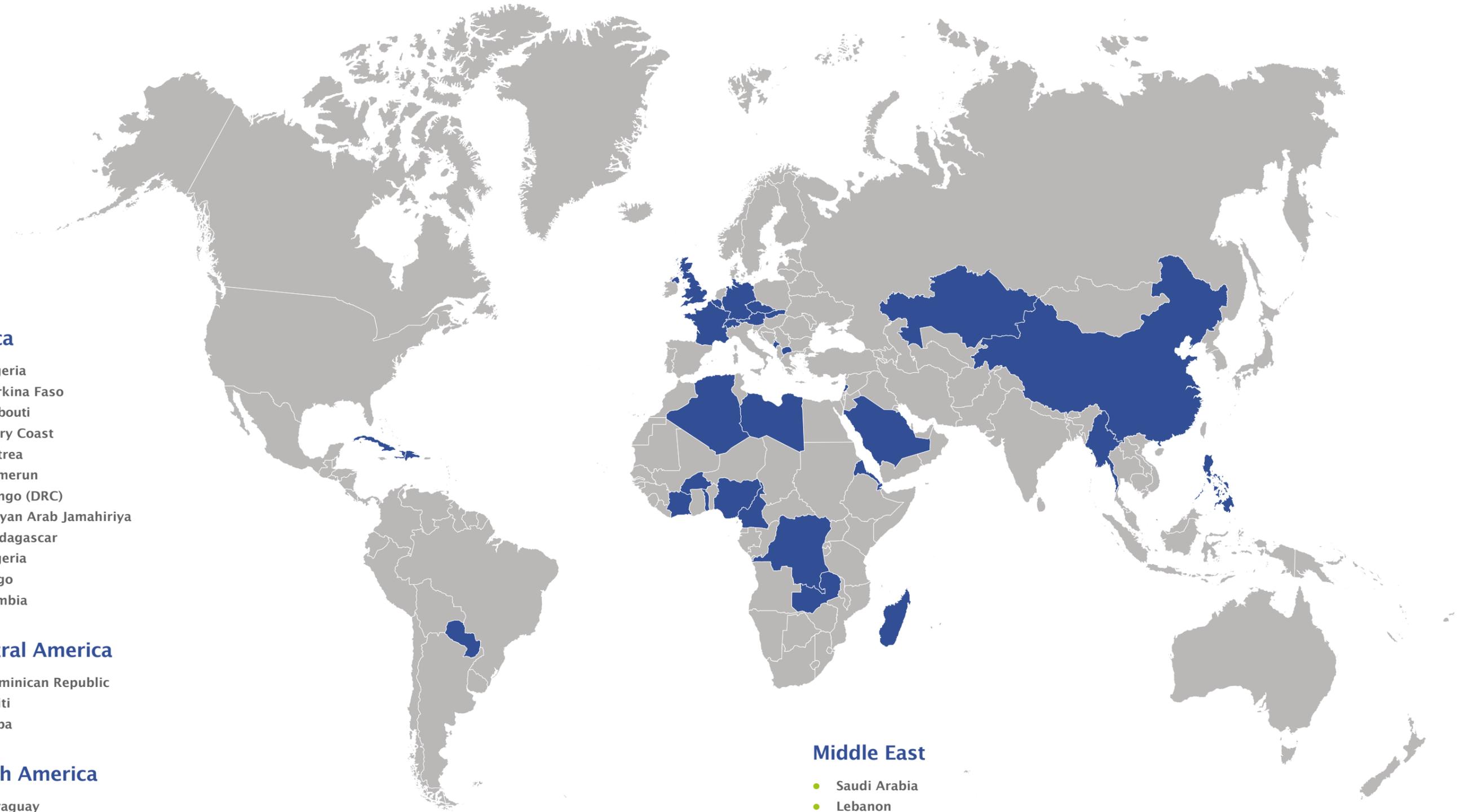
- Dominican Republic
- Haiti
- Cuba

## South America

- Paraguay

## Middle East

- Saudi Arabia
- Lebanon



# IMPRESSIONS



# THE FUNDAMENTALS

## UNDERSTANDING CUSTOMERS IS THE KEY TO FINDING SOLUTIONS.

01

COST EFFECTIVENESS

### The four most frequent wishes of our customers

Schwarz Druck customers come from a very wide range of business fields, but most of them are with us for the same reason. It has always been our aim to identify and understand customers' needs in full – for us, this is the most important requirement for developing and implementing efficient solutions.

- **Promoting trust**  
A functional economy is based on a secure exchange of values and trust amongst business partners. In cooperation with Schwarz Druck, companies can ensure this basic requirement.
- **Averting danger**  
Within the global network, fraudsters are not only a threat to brand images, but also to their very existence. Schwarz Druck provides protection for companies and safe options for consumers.
- **Preventing damage**  
Damage caused to industries and public bodies runs into billions. With Schwarz Druck, companies can protect their value creation.
- **Showing responsibility**  
Manipulation and counterfeits are of dubious origin and quality, and can even destroy jobs. By using Schwarz Druck products, companies show responsibility by making a stand against exploitation and threats to health, and at the same time, they stand up for their employees.

02

BRAND IMAGE

03

VALUE CREATION

04

SECURITY



### The right combination for sure

Schwarz Druck gives consideration to the security needs of manufacturers, dealers and consumers in equal measure. We combine effective security features on three different levels in order to develop always the perfect solution.

- **01 Open security features**  
Amongst the features that can be detected with the bare eye and without technical assistance are watermarks, guilloche patterns, holograms and special colours.
- **02 Concealed security features**  
For example, fluorescence, microtype and codes that can only be identified or read with the help of appropriate aids.
- **03 Forensic security features**  
These are only known to a very restricted group of people and can only be verified using very specific forensic procedures – for example, the biometrical fingerprint.

Schwarz Druck products are manufactured exclusively in Germany and as a result, potential counterfeiters have to contend not only with numerous technical hurdles, but are also kept at a safe distance from the actual production processes.

# VALUE AND SECURITY PRINTING

WITHOUT DOUBT, THE **SECURITY** YOU GET FROM **SCHWARZ DRUCK** IS PLAIN TO SEE!

- Individuality
- Quality & value
- Reliability

## A personalised signature

The effective battle against counterfeiting requires efficient security solutions and the ability to stay one step ahead of the fraudsters. Schwarz Druck possesses the experience and sophisticated printing and finishing techniques that will give sensitive documents that totally unique and inimitable signature.

Here are some of the areas in which we provide reliable protection against manipulation and counterfeiting:

- ID Documents
- Visas
- Cheques
- Vouchers
- Tax Strips
- Stamps
- Security Labels
- Stationery for Authorities and Reputable Brand Producers and,
- Testimonials and Certificates



## Authenticity in every format

We can provide you with security, whatever the format. Whether it be design templates or new developments – we realise customer-specific design concepts, define security solutions – including innovations – and supply them to you in the shape of printing products that deliver results – plus everything else you need: from the system solution, through to system integration and a secure logistics solution.

**With Schwarz Druck, your original product enjoys round the clock protection.**

# PRODUCT- AND BRAND PROTECTION

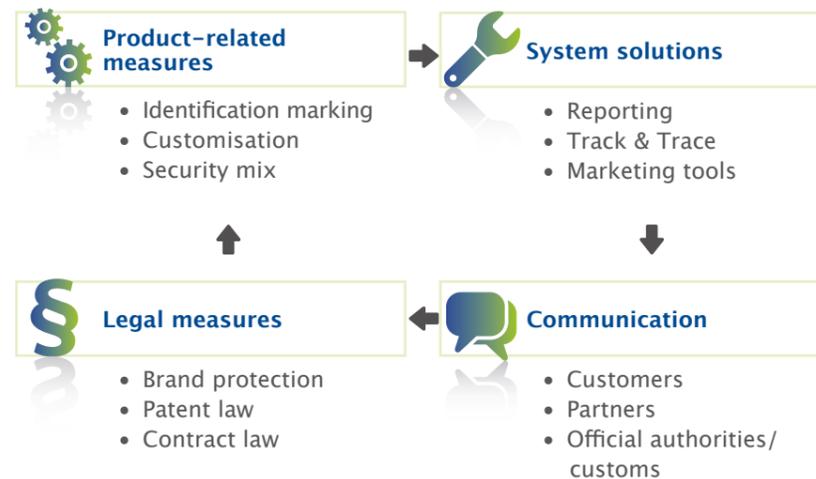
## WHEN IT COMES TO IMAGE, YOU CANNOT AFFORD ANY WEAKNESSES

- Systems solutions instead of components: With Schwarz Druck, you receive the best protection for your products and brands at all times.
- Protection against unjustified damage claims
- A combination of product protection and supply chain security with elements of marketing

### Consulting by experts

Sustainable product and brand protection is the result of combining individual measures with a continuous process along the entire value creation chain.

Schwarz Druck offers you safe and tested solutions which meet market needs, and which can be adapted seamlessly to the marketing and security concept in question.



- Clear identification marking
- Authentication
- Product information
- Traceability

### Full implementation

Working closely with leading systems providers and systems integrators, Schwarz Druck offers you customised and scalable solutions. For example, raw materials can be marked directly and even illegal internet sales can be systematically identified and eliminated.

The deployment of a high-performance IT solution makes it possible to create and administer clear and secure codes, authenticate products online, provide customers with information, monitor the flow of goods from the production locations through to the end-user, and also helps with the reliable identification of divergences, re-imports or manipulation of products.



# TICKETING

SCHWARZ DRUCK HAS BEEN PLAYING A LEADING ROLE IN THE BATTLE **AGAINST FREE-RIDERS** FOR MANY YEARS

- Transportation tickets
- Event tickets

## Security by the reel

Schwarz Druck is a leading ticket supplier and produces rolls of tickets, individual tickets and blocks of tickets for regional, national and international public transportation operators, networks and private transportation companies. We have been specialists and advisors for users of ticketing solutions since our inception and have provided on-going support for public transport systems by continuing to improve ticketing so that counterfeiting and abuse can be prevented – for the benefit of all passengers.

Entrance tickets for concerts, exhibitions, sporting events and leisure parks are valuable documents which, as well as having an attractive design, must be appropriately protected against fraud and manipulation. You can trust us to take care of the design and implementation. We will produce your tickets just as you want them and put the finishing touches to them using our years of experience and expertise.

**We would also be pleased to arrange a secure logistics process.**



## Authenticity at first sight

Schwarz Druck products are impressive: The combination of a range of security solutions and the use of forge-proof materials, such as security colours and paper, holograms, coding and numbering, prevents copying or repeat usage of transportation and event tickets.

# TRUST

WITH SATISFIED CUSTOMERS FOR  
**OVER 120 YEARS, YOU CAN'T  
GO WRONG!**

## Definitely the right choice for security!

In the world of business, security is fundamental to the development of trust. That is why we at Schwarz Druck are setting a good example at our own production location. As you would expect, where our highly-qualified experts are committed on a daily basis to using their in-depth knowledge and precision to protect originals, we take consistent measures to keep unauthorised people out. To this end, we have elaborate entry checks, monitoring systems and access regulations. As a certified security printing company, we make sure that customer data, customer products and the entire production process are subject to constant monitoring and handled only by authorised personnel. By the use of security hauliers, our high standards are maintained in the logistics process too. Intergraf, DIN ISO 14001, DIN ISO 9001, and FSC® certification bear witness to our high performance and quality standards.

**Highly secure and top secret – expect the very best when it comes to protecting your originals.**

We are looking forward to having a confidential chat with you!



ISO 14001

Zertifiziertes  
Umweltmanagementsystem  
[www.tuvsud.com/ms-zert](http://www.tuvsud.com/ms-zert)



ISO 9001

Zertifiziertes  
Qualitätsmanagementsystem  
[www.tuvsud.com/ms-zert](http://www.tuvsud.com/ms-zert)



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responsible forestry

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certified products!

Trust in us! Here are a few of the companies  
who already do:





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