



- Fineline and Guilloche Printing
- Underlamine Personalization
- Microlettering
- Watermark
- Fluorescent Printing
- Colour Shifting Inks
- Secure Chip Solutions

YOUR PARTNER FOR SECURE ID CARDS

ID CARD PRODUCTION FOR ANY APPLICATION

IDENTIFICATION FAST AND SECURE



ID card solutions for different applications customized for enterprises or governments.

Are you looking for an easy and fast way to issue identity cards to your employees, or do you need bigger volumes of pupil or student ID cards? We professionally help you with your identity card project, regardless of volume or technical requirements.

As your preferred partner, we are proud to offer well known Austrian Quality and state-of-the-art production equipment. Our product range combines forgery-proof cards with convenient and secure applications.

Even for high volume personalization, we are able to offer an incredibly fast and secure realization, with coloured pictures if required. The personalization will take place

underneath the transparent overlay and is therefore protected against misuse and counterfeiting.

As a privately held company in second generation, we are proud to provide our experience of more than 50 years to our customers and partners worldwide. Our experience was continuously gained by mastering the techniques to supply reliable plastic cards by using different materials, with and without chips, as well as developing software for the needs of our customers.

Whether micro-printing, fluorescent printing, special optical variable colours or other features to increase the security of your card, we will lead you through the project in order to develop the best price-performance ratio.

SUBSTRATE					
	PVC	ABS	PET-G	PC	COMPOSITE
Main application	Payment cards Customer cards	GSM cards Telekom cards	ID cards Customer cards	ID cards	ID cards
Advantage	Wide processing Low price	High temperature resistance High impact strength Favourable price-level	More environment-friendly than PVC, ABS and PC	Temperature stability High mechanical strength Long life material	Thermo sublimation enabled coloured pictures de-central personalization Depending on used materials
Disadvantage	Low temperature resistance limited life span	Limited modifications limited life span		Limited modifications Limited colour range Difficult to emboss Difficult to hot stamp	
Card recycling	Possible	Possible	Possible	Possible	Difficult
Temperature resistance	-25° to +65°-80°	-40° to +85°	-25° to +65°	-60° to +135°	Depending on used materials
Lifespan	3-5 years	5 years	3-5 years	10 years	Depending on used materials

SECURE FEATURES FOR YOUR REQUIREMENTS

ID CARDS

To prove a person's identity and to make sure that only authorized people get access to certain locations. Personalized with relevant data, with or without chip and equipped with security elements an identity card is the key to connect people with their personal data in a safe and attractive way.



CONTACT CHIP AND HOLOGRAM

Compared to bar codes or magnetic stripes, chip cards provide greater flexibility in terms of storage capacity and applications. Holograms increase the protection against forgery.

PERSONALIZATION

Each card can be provided with photo and personal data.



SECURITY LEVELS AND TECHNOLOGIES

- Level 1: Verifying the authenticity of the document visually without any equipment
- Level 2: Necessity of devices to check the authenticity of the document
- Level 3: Recognizable only with special knowledge and forensic equipment
- Level 4: Implemented exclusively by the card vendor

Printed Security Features

Printed Security Features	Level
Guilloches	1
Iris Print	1
Microtext	2
UV-print	2
Colour shifting ink	1-2
Watermark	1-2
Copy protection	1
R-Feature	4

Applied Security Features

Applied Security Features	Level
Hologram	1-2
Holographic Stripe	1-3
Kinegram™	1-2
Personalized Security	
Underlamine Personalization	1-3
IPI (Hidden image)	2
Special Application	
Surface / Relief	1-2
CLI-/MLI-Lense	1



SECURE DESIGN FEATURES FOR HIGH SAFETY ID APPLICATIONS

SILVER BACKPRINT
Guilloche security print underneath the colour print

PHOTO PERSONALIZATION
Full colour photo personalization of card holder

BARCODE
Full resolution barcode personalization for card holder ID



TEXT PERSONALIZATION
Full resolution text personalization of card holder

COLOUR SHIFTING INK
Changes colour depending on the angle of view

CONTACT CHIP
Compared to bar codes or magnetic stripes, chip cards provide a much greater flexibility in terms of storage capacity and applications.

INVISIBLE WATERMARK
Visible only through light source, like Cell phone Flashlight for visual inspection in field

PREPERSONALIZED NUMBERING
For tracking and anti theft during transport



MAGNETIC STRIPE
For encoding card holder data

HOLOGRAM
Applied Hologram for easy visual inspection

INVISIBLE UV-PRINT
Visible only under UV Lamp for second level inspection

100.000
CARDS PER DAY
PERSONALIZATION CAPACITY

Perfect fitting card solutions for our customers. It is more and more important that individuals wear their personal identification in a protected, forgery-proof and attractive design. Identity cards manufactured at Variuscard cover the needs of our customers. Durable and secure materials used within our production have to meet the highest requirements. The development of these materials is the result of a close cooperation with the manufacturers of the different substrates. With our expertise at Variuscard we are known for finding just the right solution for your ID project.

PERSONAL DATA:
100% SAFE UNDER THE OVERLAY

FORGERY-PROOF CARD DESIGN

Forgery-proof personalization under the transparent overlay. We are able to produce large quantities of ID-cards within a few days. The personalization is realized directly onto the sheet – optionally in colour – and is protected by a transparent overlay.

With a daily capacity of hundred thousand personalized identity cards VARIUSCARD is well prepared to manage large volumes in a short period of time. By protecting the data with an additional transparent overlay it is nearly impossible to manipulate the personalization.

Personalization directly on the sheet

Transparent Overlay

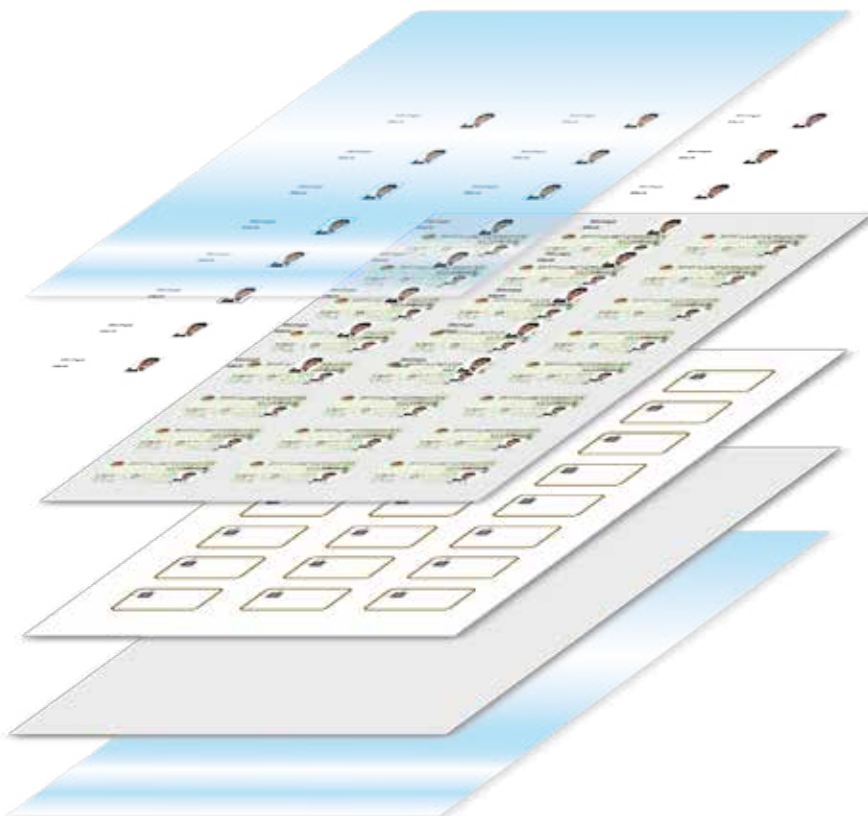
Secure Personalization
optionally in colour

Printed Layer frontside

Core Layer
optionally with Chip

Printed Layer backside

Transparent Overlay



CHIP SOLUTIONS MANAGE DATA EASILY

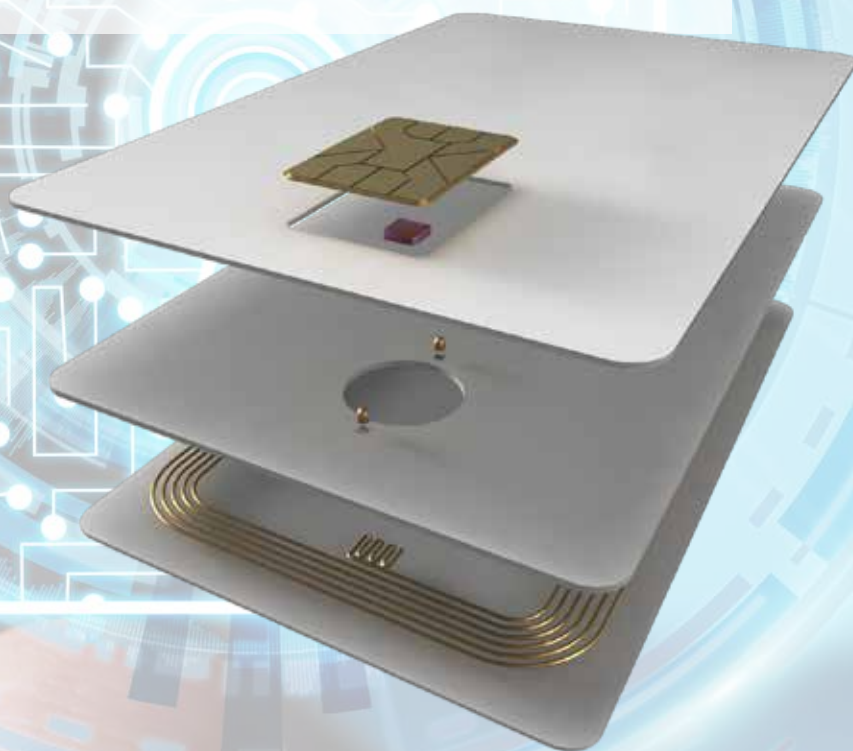
WE PRODUCE YOUR CHIP CARDS

A chip is the highest level to secure your data on a plastic card. The integration of chip solutions into a plastic card body starts already in the 1980s. Meanwhile the market offers a wide range of different applications based on view core functionalities.

Whether contact based, contactless, hybrid or dual-interface, the interoperability between background-system and chip card is the main key for the development of an appropriated system.

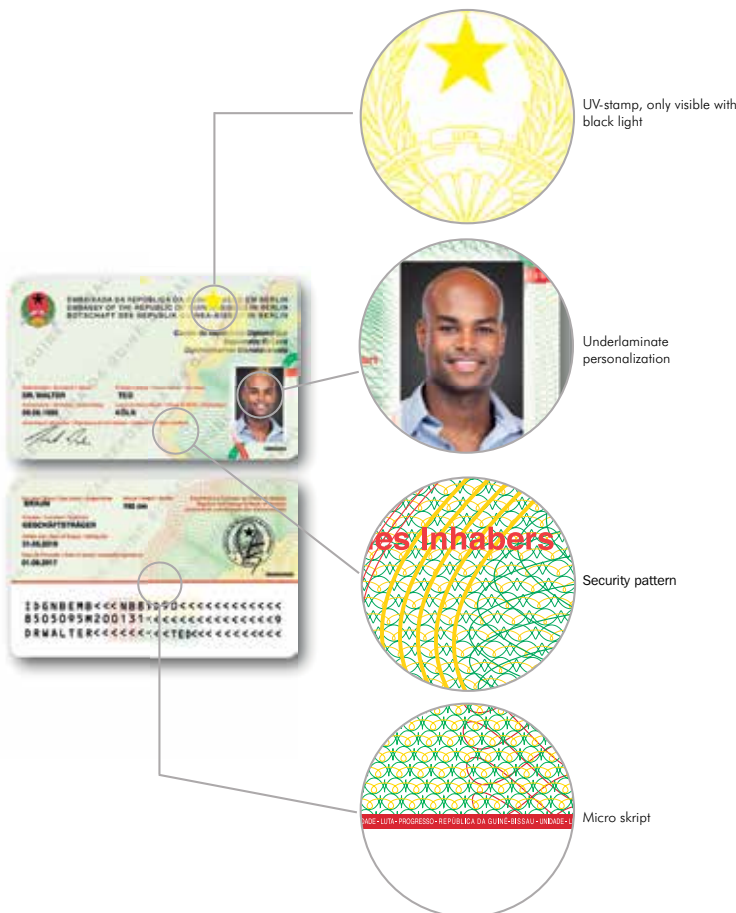
Fortunately the digital world has brought a fast processing in an unprecedented scale and a level of security linked with efficiency and flexibility.

Today's convenient society is expecting smooth working systems and reliable technologies in the daily life. Depending on the purpose, security level and chosen technology, VARIUSCARD is your partner in order to find the right solution.



DESIGN SOLUTIONS FOR YOUR ID CARDS

SECURITY DESIGNS



The graphic design of an identity card is an unbelievable important element for the security of the card. Beyond that, the combination of country-specific particularities and state-of-the-art security features as well as a selected colour scheme make your card incomparable. In order to achieve a maximum protection against fraud and replication we support you with our knowledge and experience. Thinking out of the box is the motto of our specialists to make your ideas a reality.

ALWAYS GOOD TO HAVE: CARD ACCESSORIES BY VARIUSCARD



Card clip JOJO
for all types of cards



Card clip STRAP
for all types of cards

Leather belts
for all cards
and card covers
with long holes



Card covers
in various sizes
for various
types of cards



HIGH QUALITY ID CARD SOLUTIONS MADE IN AUSTRIA

VARIUSCARD.COM



MADE IN AUSTRIA