



high security printing expertise

Independent consultancy



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# -top business domains-

e-MRTD	electronic machine readable travel documents as passport, visa sticker, ID-cards, driver license a. o.
Smart products	labels, smart cards, RFID products
Security prints	banknotes ,stamps, tickets, diplomas, vouchers, security packaging a. o.
Expertise	
Prepress	security design software, printing forms
Printing	presses: intaglio, offset, flexo, gravure, screen, letterpress
Finishing	passport-lines, card production equipment, banknote finishing, counting
Inlays	antenna manufacturing processes, bonding, integration in MRTDs



# -related business domains-

Personalization	processes of MRTDs a. o. as laser engraving, ink-jet, thermo transfer, perforation and numbering
Border control /Inspection	passport a. o. readers
Brand protection	secure packaging, track and tracing
Access control	biometrics, terminals, gates
Security paper mills	quality inspection, security threads, finishing, counting
Consumables	paper and other substrates, inks, laminates and holograms, cover material, foils, thread a. o.

**Banknote related questions? Please ask!**

# -contact person Heinz B. Artmann-

1) Name

Artmann, Heinz Bernhard,  
Managing Director



2) Short profile

- More than 45 years knowledge in graphic arts and high security printing technologies
- Founder of three companies

3) Staff

2 Persons in the management, office staff plus about 10 freelancers - Experts in various fields



## -CV Heinz Artmann-

Name	Artmann, Heinz Bernhard	
Date/Place of birth	08 <sup>th</sup> July, 1943, Buldern (Germany)	
Marital status	Married, 4 children	
1962-1965	Staatl. Fachhochschule, Gelsenkirchen-Buer/Bochum	Dipl.-Ing. (mechanical engineer)
1966-1971	MAN Printing machines	Service and R+D engineer
1971-1975	Harris-Intertype Group	Sales Manager, printing and bindery equipment
1975-1991	Miller-Johannisberg Druckmaschinen GmbH	General Sales Manager – printing and special machines, security printing, inline book production
1992-2008	Artmann Consult GmbH ART-Line Handels GmbH	Founder and CEO, security printing plants in several countries, supply of equipment. -not active anymore-
2002 - 2005	ART-Line Projekt GmbH	Management buy out to employees in 2005
Since 2008	SID-Consult GmbH	General Manager, Security Consulting



# -references-

Activities in more than 25 countries, see below a few of them

Russia	Assoziation Goznak – Ministry of Finance of the Russian Federation	Prepress, security design, Printing and numbering Passport lines Introduction ePassport technology Hologram application documents
Ukraine	Polygraphkombinat Kiev	Prepress, security design, Printing and numbering Passport lines. National ID
Pakistan	SPL banknote paper mill	Broke handling banknote paper
Uzbekistan	Davlat Belgisi – State Production Enterprise under the Central Bank	Passport production
Belarus	Dom Petchati , Minsk	Complete security printing plant Prepress, printing, finishing Passport manufacturing





## -our services-

- Planning of production plants, analysing of existing equipment
- Working out tender specifications, evaluation processes
- Seminars, introduction to security printing and RFID technology implementation
- Monitoring project installations and acceptance tests for equipment
- Organizing training courses for operators and management
- Comparison studies of various manufacturing technologies
- Consultancy security features in design, print and finishing
- Fraud and counterfeiting studies
- Forensic studies