Our solutions are as individual as mankind is diverse
FOREWORD

Digital Identification Solutions

There is one for everybody
Dear Sir or Madam,

As experienced global ID solutions providers, we do our very best to meet every customer requirement, no matter how unique or challenging. Applications in the identification market are constantly changing, but we are able to react quickly and reliably to every change in our customers’ needs. This includes the ever-fluctuating demands of security solutions to ensure the protection of people, property, and profit.

No matter what requirements our customers specify, within our distribution partner network, we can offer an enormous variety of solutions for every application such as Loyalty IDs, Photo IDs, High Secure IDs, Government IDs, and Passports/Visas. We are ideally positioned to serve the needs of companies, associations, government authorities, financial institutions, and other enterprises all over the world and to provide them with the perfect solution – “There is one for everybody.”

Our worldwide distribution partner and corporate network ensures that ample skills and resources are available locally to all of our customers in their native language and in their own time zones. Our reliable, state-of-the-art technology, as well as our vast industry experience, has resulted in various successful implementations and project installations around the globe. We would like to take this opportunity to add you to our long list of satisfied customers. Examine our products and services and let us find the perfect secure credential solution for you.

Our solutions are as individual as you.

Yours sincerely,

Frank Posnanski
Management Board
PROVEN KNOWLEDGE AND EXPERIENCE
Digital Identification Solutions’ roots were in the KODAK headquarters for the Identification and Security Systems Division in the eastern hemisphere, previously located in Germany. The majority of our management and key employees started there two decades ago, and gained their knowledge and experience in designing, building, implementing, and supporting identity solutions for governments and large enterprises. Remarkably, most of our key personnel have been involved in the electronic identification business since its inception.

In 2003, Digital Identification Solutions was formed as an independent private company. Since May 2006, the company has been listed on the German stock exchange. Due to its strong and solid capital, Digital Identification Solutions, with its head office in Germany, has subsidiaries in Europe, the Middle East, Asia-Pacific (Singapore), China, and Latin America, as well as in the United States. vps ID Systems (Germany), a highly specialized software-development and integration company is also part of the group.

STRONG BRAND FOR POWERFUL SOLUTIONS
Digital Identification Solutions is a leading supplier of advanced identification solutions, specializing in secure government and corporate applications, marketed under the well-known EDIsecure® and IDExpert® brand names. We outperform and outsell all other brands due to our superior quality, functionality, professional service, and support.

FIRST CHOICE FOR AFFORDABLE, SECURE ID SOLUTIONS
Digital Identification Solutions serves customers in a variety of markets. We empower retailers, universities, hospitals, airports, hotels, corporations, enterprises and government agencies to impress their customers, students, patients, clients, and guests with high-quality transaction and identification credentials. We help corporations to protect their business and property, and to control

WE SPEAK YOUR LANGUAGE …
... and meet your needs

access and resources with multi-application cards. Our solutions, with innovative technology and anti-counterfeiting features, enable government authorities to make identification cards and passports even more secure.

DIFFERENT NEEDS REQUIRE DIFFERENT SOLUTIONS
We offer reliable secure ID solutions at very competitive prices, including credential management software, biometric enrollment and unique image capture modules, an extensive selection of card printers, encoding options, and lamination modules, as well as a wide range of certified consumables, supplies, and card materials. The EDIsecure® laser engraving system as well as Passport program completes our solutions portfolio – “There is one for everybody.”

INNOVATIONS FOR GROWING AND CHANGING MARKETS
By applying innovative technologies, we develop original, scalable solutions which perfectly meet the ever-changing demands of our customers, for both distributed and centralized ID production. Our EDIsecure® Advanced Intelligent Printer Management is designed to boost print performance up to 840 cards per hour, maximizing hardware availability via parallel workflow while minimizing costs. Our EDIsecure® Laser Color Personalization System integrates the advantages of high quality XID Retransfer printing and secure laser engraving on a single card in a one step process. All of our EDIsecure® and IDExpert® products are designed to intelligently secure physical and logical properties, improve capture procedures, and create identification credentials that protect businesses and governments around the globe.
STRONG, GROWING GLOBAL PRESENCE

We believe that the need for more regional offices with a “neighborhood” understanding of local markets and business models are essential for our corporate goals. The Digital Identification Solutions Group headquarters in Stuttgart (Germany) has opened five subsidiaries worldwide, located in Dubai (United Arab Emirates), Singapore, Beijing (P.R. China), Querétaro (México), and Greenville (SC, United States). In addition to that, a highly specialized software-development and integration company, vps ID Systems, located close to Karlsruhe (Germany), is also part of the group.

The Dubai office services all of our customers in Africa, the Middle East, and Central Asia, while Singapore serves the Asia-Pacific Region and Australia, Beijing manages P.R. China, Querétaro is responsible for Central and South America, and Greenville oversees the USA and Canada. Europe, Turkey, Russia, and all other CIS countries are managed by the European Region out of the main office in Germany. vps ID Systems focuses on highly complex integration projects primarily in Central Europe, and supports various of their internationally operating system integrators.

All of these locations have sales and marketing operations, are well-staffed with skilled service people to support our customers out of our own workshops, and provide all logistics, warehousing, etc., right within their respective regions. Together with our vast network of certified distribution partners, we provide high-quality, prompt, and local service for customers in their own time zone and their own language, virtually anywhere in the world.
Digital Identification Solutions’ customers benefit from our unrivaled expertise at providing intricate solutions that comprise technologies, products and services for various identification markets. A vast knowledge of different cultures and languages, as well as a strong global network, has been indispensable to our success. Digital Identification Solutions efficiently meets special requirements with versatile and flexible solutions, such as our multilingual IDExpert® SmartACT Credential Management Software and EDIsecure® Card Management Software Suite.

OUTSTANDING, WORLDWIDE PUBLIC PERFORMANCE
To enhance our global profile and to extend our international awareness, Digital Identification Solutions regularly attends a large number of trade shows, symposiums, security conferences, and special industry events around the world. Due to our strong market position and our renowned experience, we are regularly invited to speak at major global ID congresses and high-security printing conferences. These events provide us with opportunities to share our knowledge within the identification community, to recognize advancing market developments, and to increase public awareness of our brand and our solutions. Through such measures, we support our reseller partners’ goals while identifying our end users’ needs.

The feedback we receive from these presentations leads us to future product innovations, helps us to recognize potential trends, and allows us to create new business opportunities. Ground-breaking and original solutions can then be realized by our experienced manpower for both custom and individual objectives.

We are miles ahead
and just around the corner
GLOBAL SUPPORT – LOCAL SERVICE

We deliver service and support across the globe
SERVICE AND SUPPORT, MORE THAN JUST A PROMISE
The requirements of our customers are as individual as their ID applications are versatile and flexible. We ensure that an individual solution package is created from our extensive portfolio of innovative technologies, products, and services.

We help our customers at every phase of a project, from needs analysis, planning, and design to implementation, training programs, and ongoing support. Our experienced service professionals have honed their skills through various prominent corporate and government ID programs, and we have highly qualified technical support teams in all of our offices worldwide. We help our certified distribution partners with tier-one support for their customers’ needs and requests. Sales information, newsletters, reports, and extensive training programs are provided to keep our resellers up-to-date. We also provide product and service information on our corporate website and on our web-based Internet Academy which we have exclusively designed for our partners worldwide. Our reputation is built on the quality and value of our service and support.

PROJECT MANAGEMENT
From the beginning of a project, we create a plan defining the activities and milestones leading to the finished solution. Predefined escalation grades ensure that your project will never get out of control. We select suitable partners, coordinate partial objectives, and manage the specifications and implementation all the way to final acceptance by the customer.

We have an experienced project management team to support partners and customers, especially for complex projects such as high secure corporate and government ID applications or passport projects. Every project has its unique characteristics and specific requirements. Even partners with a history of project experience do not hesitate to ask us for consultation and management assistance in bringing a complicated project to completion.

DIGITAL IDENTIFICATION SOLUTIONS ACADEMY
We have created our own interactive academy to train and support our certified distribution partners to help them become even more successful. With intensive training programs including hardware and software, we can increase the partners’ product knowledge and supply them with further solutions experience. To support this, we also offer e-learning modules and tailor-made instructional sessions via online access to our website. The web-based academy is accessible at any time – irrespective of time zones – and from any place.

STRONG RELATIONS, MORE IMPORTANT THAN EVER
We frequently encourage our partners to engage their sales activities with special promotions, campaigns, programs, and incentives. Our strong business relationship provides a platform to exchange experiences between our global distribution partners in a trustful and long-lasting environment. It’s all to the benefit of our customers.

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Today, building client relationships is vital for clubs, organizations, and small to midsize companies that value their customers. Knowing this, we offer flexible and simple solutions to produce Loyalty IDs and cost-effective employee badges. These types of cards are used in applications where a photo is not necessary, but a professional and attractive card will benefit your customers. Our affordable, desktop printers offer everyone the ability to produce beautiful cards on the spot. Depending on the complexity of your application, magnetic stripe or smart chip encoding can be added to automate identification, track customer information, enable cashless in-house payment, and grant access to facilities or benefits. With our user-friendly EDIsecure® Card Management Software Suite (CMS), even small organizations can create good-looking cards without the help of a professional designer. These solutions also eliminate the need to use flimsy paper cards or cumbersome badge holders.

We offer a wide range of unique solutions that are as flexible and as individual as your needs.

Various institutions can experience the benefits of a custom Loyalty ID solution:

**CLUBS, ORGANIZATIONS, RECREATION**
Our complete and easy-to-operate solutions allow for the cost-effective production of attractive ID cards on demand, giving even new members and customers instant access to facilities and program benefits. With our CMS Card Designer, intricate card layouts that attract new customers can be easily created. Cultural event cards or season tickets with fancy designs will attract the card holder, and in addition will enhance the event.

**RETAILERS**
Customers can take part in your benefits program immediately, without the need of issuing them temporary cards or coupons. The status of customers and VIPs can be verified just by showing the card. The distribution of gift cards, paperless coupons, promotion activities, and reward systems are also possible via our solutions to strengthen the client relationship. By adding a magnetic stripe or smart chip to the card, customer preferences and spending habits can easily be recorded and recalled.
FREQUENT FLIER OR RENTALS
A common usage of Loyalty IDs is for airline frequent fliers, video renters, and rental car accounts, where the purpose of the card is simply to supply the holder with easy access to a specific returning customer account for check-in or check-out.

SCHOOLS, COLLEGES, UNIVERSITIES
Our solutions facilitate student registration, attendance tracking, meal service, library, and computer use. The production of very cost-effective IDs can take place on location and on demand.

LIBRARIES
With our solutions and space-saving desktop printers, member access can be verified immediately to check out books. New members can receive their own cards immediately.

INSURANCE FIRMS
Loyalty ID solutions can be regularly utilized for individual identification and the validation of insurance details. Personal data and coverage terms are printed or encoded in the ID cards to grant instant privileges.

VISITOR CARDS
Visitor cards can be easily produced to grant limited access to general areas of a facility or clearly identify someone as a contractor or service person. These low-cost, non-photo identification cards can be numbered for repeated usage, and color-coded for designated entry points.

TRANSIT
Multiuse transit cards produced on demand can be used as fare cards in city buses, trains, subways, toll roads, and ferries.

Loyalty IDs encourage the membership feeling, the sense of responsibility within the community, and build up loyalty as well as customer relation. Marketing and sales efforts can be tailor-designed directly to the customers’ needs.

We offer superior solutions serving the requirements of small and mid-size companies with low print volumes and of larger corporations and enterprises for batch and high-speed card production.

We provide proven technology based on years of hands-on experience
We face the problem and identify a solution
Specialized ID Cards with personal data and identifying information have become ever more important in our security-conscious world. Today, Photo IDs play a significant role in the average security environment. Digital Identification Solutions offers different solutions for the rising demand of complex Photo IDs, when a simple non-photo ID is no longer sufficient. For large enterprises with entry gates, international corporations, or even banks, hospitals, and universities, photo identification is a must. For these target groups, a simple picture is important to get a higher degree of protection and to extend card usage for multiple applications.

The fundamental aim of Photo IDs is to support identification of card holders by the person’s image. Capturing sharp, clear images is an essential part of any Photo ID and guarantees a more accurate recognition of the person’s identity and data to avoid misuse and incorrect classification. The capture dialog of our EDIsecure® and IDEXpert® software solutions support current capture modules to let you capture perfect images even under difficult circumstances and diverse surroundings, without ever touching the camera. Our EDIsecure® Image Enhancement Software provides auto-cropping and maximizes image quality.

Due to the various field applications, the usage of Photo IDs is widespread and common:

**ENTERPRISES**
Secure, durable staff ID badges can be easily produced and used for identification, time and attendance tracking, cashless payment in canteens, and even access control for buildings and secured areas. Employees can become associated with the corporate benefits on their first day. With our EDIsecure® Card Management Software Suite, data can easily be managed, accessed, and even stored in a central database.

**INTERNATIONAL CORPORATIONS**
Employees receive identically formatted Photo IDs so that worldwide assignment is possible. With our web-enabled software, card issuance and data access can be securely distributed over a network to any branch facility and is achievable at any time and at any place.

**HOSPITALS**
To protect confidential and sensitive areas, card requirements are extremely high in this environment. Photo IDs can increase security significantly. By use of biometrics such as facial recognition, fingerprint, or iris scanning, the security level can be increased substantially.

**BANKS, INSURANCE FIRMS**
To avoid misuse of personal data, contracts, bank accounts, and bonds, and inhibit forbidden access to designated company areas, Photo IDs help maintain a confidential and secure workplace environment.

**CLUBS, ORGANIZATIONS, HEALTH FACILITIES**
To verify that the correct person is using the facilities and benefits, a Photo ID is a proven medium. Financial losses caused by shared cards can also be avoided.

**SCHOOLS, COLLEGES, UNIVERSITIES**
Photo IDs allow access to limited areas and facilities, including sports venues and laboratories. Other applications include vending machines, library access, and meal service.

Photo IDs contribute to better identification and higher protection. We offer end-to-end Photo ID solutions, ranging from simple yet superior card issuance systems to complex, versatile applications with high levels of security that satisfy various customer needs.
Today more than ever, airports, nuclear power plants, international corporations, research laboratories, and, of course, government agencies, require a strong line of defense against fraud, forgery, and counterfeiting. Our High Secure ID solutions, based on durable, long-lasting cards with sophisticated security features, are designed to protect the physical and intellectual property of such entities. We offer complete end-to-end security systems consisting of optional biometric enrollment tools, credential management software, secure card printers, and laser engravers that produce linked and layered security features. Depending on the different identification needs of our customers, we can provide additional security by personalizing variable data and biometrics into smart chips, magnetic stripes, and barcodes. To increase the level of security in an ID card, a wide-range of visible and covert features can be incorporated into custom pre-printed cards, such as micro text, guilloche, rainbow printing, UV ink, and others. We also offer unique, counterfeit-resistant laminates that protect the personalized cards against tampering. Our ID solutions let you set the level of your card security.

We set the benchmark for our industry and generate added value for our clients.
We give organizations of all sizes the ability to provide a secure environment for their employees, visitors, and customers. Our reliable and proven High Secure ID solutions allow you to control access to unattended areas of your facilities, to protect your critical data and documents, and to accurately manage and control your inventory.

We consider the needs of our customers as our corporate challenge. For every application, we offer a wide bandwidth of appropriate solutions:

AIRPORTS AND AIRLINES
Ground handling staff, air crews, and security staff use our High Secure IDs for identification and access to restricted areas, to ensure a secure travel process for all passengers, as criminal or terrorist intents could have a severe impact on air traffic and safety.

INTERNATIONAL CORPORATIONS AND LARGE ENTERPRISES
Our network-enabled solutions provide a secure workflow and offer the possibility to avoid manipulation during card production through password protection. With our flexible and scalable personalization solutions, ID card production can be scaled and adapted easily to changing demands.

R&D DEPARTMENTS AND LABORATORIES
Our High Secure IDs permit access to particularly confidential areas which have extremely demanding requirements, such as chemical plants, nuclear power stations, research institutes, and development centers. A high level of protection can be guaranteed through the use of smart cards with biometrics. To protect such a card against tampering, custom holographic foils and invisible personal information can also be applied.

HEALTH CARE
Sensitive and restricted areas such as surgery rooms, maternity wards, and intensive care units (ICU) have to be protected. Unauthorized access to these areas may have serious consequences, so our solutions safeguard both your patients’ and your hospital’s integrity. Of course, due to the high security of our products, health insurance agencies also utilize our personalization technologies to issue regional or nationwide health cards.

BANKS, INSURANCE FIRMS
To avoid unlawful entry and data theft, high security standards are necessary. Our solutions guarantee a smooth and secure workflow for personnel and information. On the other hand, leading banks and credit card issuance service centers are using our technologies to produce high-quality credit cards for their clients literally “on demand,” even at decentralized branch locations.

GOVERNMENT AGENCIES
Our High Secure ID solutions ensure that unauthorized persons cannot gain access to sensitive areas, while providing for the accurate identity of your employees and visitors.

High Secure IDs can tremendously improve your site security by limiting access to highly restricted areas to a specific number of qualified people. We offer a wide range of High Secure ID solutions that can meet any customer’s needs and circumstances. Our systems can handle everything from small quantities of ID cards issued at a single site to enormous volumes of secure credentials issued worldwide.
All over the world, government authorities and agencies trust Digital Identification Solutions to integrate all of the elements of their secure IDs, including visual identity, access control, and secure infrastructure access. Responsive to the growing demand for secure, tamper-resistant card technologies, we have developed unsurpassed expertise in all aspects of designing, integrating, delivering, and implementing government ID solutions.

The multipurpose use of identification cards has led to new requirements. Future ID projects will be driven more by chip-based multifunctional applications due to interoperability and privacy concerns. We offer a huge range of encoding solutions, from magnetic stripe and memory chips to powerful microprocessor chips, based on contact or contactless technologies. Our smart card solutions can even be tailored to the needs of e-authentication and biometric applications.

For the most demanding customer requirements, we provide high-security and extremely durable, long-lasting card products, such as polycarbonate. We can also incorporate a variety of sophisticated security features, such as visible and covert card pre-printing, or unique, holographic laminates for water resistance and tamper-proof surface protection. Personal data, such as color photos, ghost images, and signatures, as well as OCR texts and 2D barcodes, can be printed on the credential. IPI™ (Invisible Personal Information) enables you to encode variable data from the card holder into the photo. This information is not detectable to the naked eye, but can be made visible by use of a simple decoding lens.

All ID cards are subject to counterfeiting, alteration, duplication, and forgery. Our solutions empower you to create secure credentials where and when you need them, using secure card technologies and techniques for both high-capacity centralized production and instant issuance with distributed personalization. Our network-enabled solutions provide a secure workflow and offer the possibility to avoid manipulation during card production through password protection. With our flexible and scalable personalization solutions, ID card production can be adjusted and adapted easily to changing demands.
Our portfolio of solutions includes everything you need to develop an ID program that meets your exact needs. IDExpert® Smart ACT is a user-friendly, feature-rich and highly-flexible ID Management system to manage and personalize credentials. IDExpert® ProACT is a web-based ID management system which is designed to develop custom workflow management software for large-scale ID card applications. Users may perform various functions to manage, administer, personalize, and encode cards, depending on the rights assigned to them. The system provides configurable interfaces that can be used to connect to multiple data sources or to integrate blacklist checks and biometric verification. For customers who prefer to develop their own unique credential-based ID solutions, we offer the powerful IDExpert® ToolACT which provides tools and functions necessary for card designing, data capturing, printing, and encoding.

We respond to your needs and exceed your expectations

GOVERNMENTS RELY ON OUR PROVEN, SECURE ID SOLUTIONS FOR:
- National IDs
- Military IDs
- Driving Licenses
- Car Registration Cards
- Social Insurance and National Health Care
- Residence Permits and Immigrant IDs
- Digital Tachograph Cards
- Voter IDs

Our solutions enable federal, state and local government authorities to deter counterfeiting, enhance traffic safety, combat identity theft and fraud, and facilitate the effectiveness of their identification programs.
Digital Identification Solutions is a trusted partner of governments around the globe, working closely with them to design, deliver, implement, and manage secure, integrated solutions for ePassports and other Machine Readable Travel Documents (MRTD). In a more congested and dangerous world, the need to reduce document fraud, to prevent counterfeiting and forgery, and to enhance the security of travel documents persists more than ever. The need for a universal implementation of secure, reliable MRTDs has become even more pressing, since the enormous growth of international air travel. The answer to this global challenge to facilitate speedier passenger clearance without compromising true security lies in the machine readability and biometric enhancement of documents.

We offer functional, consistent, and scalable solutions, which ensure full compliance with the current and emerging recommendations and standards from ICAO and ISO surrounding the issuance and security of MRTDs. Our solutions empower government authorities to provide citizens with secure, efficient, and friendly service.

IDEExpert® ProACT is a web-based ID management system with open-architecture specially designed to develop custom workflow management software for large-scale MRTD applications. Users may perform various functions to manage, administer, personalize, and encode travel documents, depending on the rights assigned to them. The system provides configurable interfaces that can be used to connect to multiple data sources, or to integrate blacklist checks as well as biometric identification and verification using facial recognition, fingerprint, or iris scanning. For customers who prefer to develop their own unique credential-based ID solutions, we offer our powerful IDExpert® ToolACT which provides tools and functions necessary for data page designing, image capturing, printing, and encoding.

Capturing sharp, clear images is essential, particularly as ICAO has specified the face as the primary biometric. Therefore, our EDIsecure® and IDEExpert® Software solutions support a variety of capture modules to let you capture perfect images even under difficult circumstances and diverse surroundings. Our EDIsecure®
We focus on your project and ensure global interoperability

Image Enhancement Software provides auto-cropping, eye-detection, and maximized image quality. Integrated quality assurance tools will only accept digital photos that are ICAO-compliant, so the operator gets detailed information on the quality of each image captured and how to adjust it for conformity.

Our personalization systems print visible personal data with colored photos as well as covert information. IPI™ (Invisible Personal Information) allows personal data, such as the applicant’s name and passport number, to be encoded into the photo. This information is not detectable to the naked eye, but can be made visible by use of a simple decoding device. Credentials can also be secured with unique, holographic laminates or with LetterScreen, a software feature that generates an applicant’s photo from a special micro text screen, comprised of personal data and printed as a background image. For ePassport applications, biometric information about the document owner can be saved digitally and secured electronically in the contactless cryptoprocessor chip. The authenticity, integrity, and contents of the chip are guaranteed by the use of digital signatures and Passive Authentication, optionally in combination with Active Authentication, Basic Access Control or Extended Access Control.

We ensure that your secure travel documents are trusted worldwide.
Whatever your ID application requirements are, we ensure that an individual solution package is created for you from our extensive portfolio of innovative products and services. We offer a wide-ranging selection of printers and laminators, encoding options, laser engravers, ID management software, biometric devices, and comprehensive selection of certified printer supplies and card materials.

ID Card and Credential Management Software

Advanced identification solutions for secure government and corporate applications are marketed under the well-known EDIsecure® and IDExpert® brand names of Digital Identification Solutions. Our EDIsecure® Card Management Software Suite (CMS) is a user-friendly, feature-rich, multilingual and upgradeable solution to personalize and administer ID cards and is available in four different editions. With the IDExpert® brand, we associate numerous professional software products for ID management for managing and issuing modern credentials such as ID and smart cards, USB tokens, NFC mobile phones, digital certificates, biometrics, as well as travel documents.

Image Capture Modules

Capturing sharp, clear images is an essential part of making high-quality photo IDs and travel documents. Therefore, our EDIsecure® and IDExpert® Software solutions support various capture modules.

Biometric Enrollment

Biometrics allow for personal identification and verification to secure physical and logical properties. Within a secure workflow, it helps you avoiding the issuance of credential duplication and user manipulation. We offer biometric capture devices like fingerprint scanners, iris, or facial recognition tools and signature pads.
CARD PRINTERS
To meet your personalization requirements, flexibility needs, badge volumes, and budget limitations, we offer an extensive selection of card printers. Our EDIsecure® DCP Printers are fast and durable low-cost direct card printers for companies, clubs, organizations, and agencies. Our EDIsecure® XID Retransfer Printers are designed for more demanding ID applications, such as smart card personalization, ranging from card printing and inline encoding to high resolution gradient UV printing and high-speed ID production with inline lamination. The EDIsecure® XID Retransfer print technology provides over-the-edge full-color printing with outstanding image quality, and enables printing on a variety of card materials including long-lasting, durable non-PVC cards such as ABS, PET, and Polycarbonate.

CARD LAMINATION MODULES
To further improve both the durability and security of your ID cards, we offer a variety of lamination modules for inline lamination of clear or holographic foils, designed to add a critical layer of security without compromising your budget. The EDIsecure® Inline Lamination Modules are prepared for single-, double- and simultaneous dual sided lamination providing utmost flexibility with high-quality lamination results on an equally broad range of card materials. These modules are commonly employed in ID applications where security against fraud, forgery, and alteration, as well as card life-time, is critically important, such as national IDs, driving licenses, and secure employee badges.

LASER COLOR PERSONALIZATION SYSTEM
The EDIsecure® Laser Color Personalization System is ideal for high-secure corporate as well as government applications. It allows an unrivaled combination of security features such as electronic guilloche, high resolution gradient UV printing, micro text, CLI, MLI, and tactile effects. The laser engraving system is built up by individual components. Thanks to its modularity the individual components can be configured and combined exactly according to the customer’s needs. The Laser Engraver Unit is also available as a stand-alone system for black & white laser engraving only.

CERTIFIED SUPPLIES AND CARDWARE
We offer an unmatched portfolio of versatile card materials, color ribbons, and retransfer films, as well as durable overlaminates and holographic foils containing advanced security techniques.

ePASSPORT / VISA
The ICAO-compliant EDIsecure® ePassport and Visa program with workflow management software is one of the world’s most advanced systems for secure personalization of Machine Readable Travel Documents.
Extensive research and development, plus many years of experience in the ID business, have enabled us to provide an unsurpassed portfolio of solutions, and allowing us to consistently bring new innovations to market.

**EDiSecure® XID Printer Driver**

Our high-performance driver for the **EDiSecure® XID Retransfer Printers** has an intuitive and user-friendly graphical interface that allows the operator to easily set and control all printer functions, including smart chip and magnetic stripe encoding. For consumables monitoring, material type and status are displayed. For color correction, special look-up tables can be uploaded to the printer. With our Advanced Chip Encoding Framework (Advanced CEF) chip encoding is now as easy as magnetic stripe encoding. It is a powerful **EDiSecure® XID printer toolkit** that encodes independent of your ID application. It provides the integration of multiple encoding technologies through an easy-to-use plug-in tool.

**Advanced Intelligent Printer Management (IPM)**

Advanced IPM allows the connection of up to seven units of our **EDiSecure® XID 590ie and XID 9330 Retransfer Printers** to one print server for high-capacity card production (up to 840 cards per hour). Due to the parallel workflow, an unrivalled level of system availability is achieved. Advanced IPM automatically shifts the workload to the next available print unit in a group. Print jobs and the accompanying encoding data are routed securely to the correct printer, even in a distributed network environment. Printer groups can be defined and assigned to specific card layouts. This offers extreme flexibility on fluid workloads.

**Visible and Covert Security Features**

Our **EDiSecure®** and **IDExpert®** software in combination with the **EDiSecure® XID printers** allow integration of a wide range of security features. Due to excellent image print quality, card backgrounds incorporating electronic guilloche can now be printed on demand for enhanced card security. This dramatically cuts the cost per card by removing the need for offset lithographic preprinting. With our UV dye sublimation ribbons, variable data, photos, and logos can be printed directly on the card with UV ink to add an additional layer of security.

**IDExpert® ProACT**

**IDExpert® ProACT** is a web-based ID management system which is designed to develop custom workflow management software for large-scale ID card and ePassport applications. Users may perform various functions to manage, administer, personalize, and encode ID cards and passports, depending on the rights assigned to them. The system provides configurable interfaces that can be used to connect to multiple data sources, or to integrate blacklist checks and biometric verification.

**We turn ingenuity into practical solutions**

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**Innovation**

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**R&D**

**Market Experience**

**Software Development**

**Technology**

**Project Management**

**Innovation**
LASER ENGRAVING
The EDIsecure® Laser Color Personalization System is a dedicated developed laser engine for ID card personalization and ideal for high-secure corporate as well as government applications such as national IDs and Driving Licenses. The Laser Engraver Unit allows inline laser personalization of personal data and images also on either card side penetrating the card body. With 256 degrees of grey level it allows for an outstanding b/w tone scale reproduction. This means that any attempt to manipulate data automatically results in the destruction of the entire document.
Digital Identification Solutions AG
Teckstrasse 52
73734 Esslingen
Germany
Phone:  + 49 711 341 689 - 0
Fax:  + 49 711 341 689 - 550
Email: mail@digital-identification.com

Digital Identification Solutions LLC
111 Kiowa Lane
Piedmont, SC 29673
United States of America
Phone:  + 1 864 272 1199
Fax:  + 1 770 234 5798
Email: mail@us.digital-identification.com

Digital Identification Solutions Pte. Ltd.
#03-01 Hiangkie Industrial Building IV
27 Woodlands Industrial Park E1
Singapore 757718
Phone:  + 65 6352 8364
Fax:  + 65 6352 8365
Email: mail@sg.digital-identification.com

Digital Identification Solutions (Branch)
Unit E-20, Dubai Airport Free Zone
P.O. Box 5 46 68
Dubai, United Arab Emirates
Phone:  + 971 4 299 4146
Fax:  + 971 4 299 4147
Email: mail@uae.digital-identification.com

Digital Identification Solutions (Beijing) Co. Ltd.
Lonsdale Center C207, No. 5 Wanhong Road
Chaoyang District, Beijing, 1 00015
P.R. China
Phone:  + 86 10 6437 4376
Fax:  + 86 10 6433 1278
Email: mail@cn.digital-identification.com

Digital Identification Solutions S. de R.L. de C.V.
Parque Industrial Benito Juárez
Acceso II, No. 5, Bodega No. 1
Querétaro, Qro, C.P. 76130
México
Phone:  + 52 442 2171 768 - 0
Fax:  + 52 442 2171 768 - 10
Email: mail@mx.digital-identification.com

vps ID Systems GmbH
Carl-Zeiss-Strasse 2
76275 Ettlingen
Germany
Phone:  + 49 7243 5488 - 0
Fax:  + 49 7243 5488 - 11
Email: info@vps.de
Website: www.vps.de

www.digital-identification.com