



**IDExpert®**

## Identity Management Solutions

### INNOVATIVE IDENTITY MANAGEMENT SOLUTIONS FOR COMPANIES AND ORGANIZATIONS OF ANY SIZE

- ACT (Advanced Credential Technology) for quick and effortless management and personalization of diverse credentials such as ID and smart cards, USB tokens, NFC mobile phones, digital certificates, and travel documents
- Efficient and secure management of all credentials throughout their life cycle
- Adaptable to custom workflows and business processes
- Centralized or distributed administration and personalization of identity credentials and devices
- Professional capturing of images and biometric data
- Custom specific functions and interfaces
- Trust-center interfaces
- Scalable role based authorization concept
- Extensive logging and audit
- Intuitive multilingual user interface
- User self-services
- Platform independent, web-based system architecture

*IDExpert®* Identity Management Solutions create reliability and confidence in all identification and authentication processes. Our solutions allow companies, enterprises, government agencies and other organizations to easily enroll, issue and effortlessly manage the end-to-end life cycle of identities and credentials. Our comprehensive portfolio of identity management solutions can help you protect, store, verify, manage and share identity data throughout the enterprise. Our flexible, modular solutions are specifically designed to meet the unique needs of the identity management market, by providing support for ID and smart cards, USB tokens, NFC mobile phones, digital certificates, biometrics, as well as travel documents such as passports.

Digital Identification Solutions and vps ID Systems have decades of experience in software development, integration, implementation, professional data capture, biometrics, credential personalization and customer service that ensure our solutions provide trusted identification and authentication. Efficient integration with existing applications transforms smart cards and other credentials into modern business tools to ease processes and safeguard sensitive information.

Our brand *IDExpert®* represents quality and guarantees that organizations of any size will receive an individual customized solution depending on their requirements and needs. *IDExpert®* Identity Management Solutions are integrated with ACT Advanced Credential Technology so that your enterprise or organization can start immediately issuing identity credentials to your employees, visitors, users or citizens. These can be used for identification and secure access to both physical and logical resources.

The *IDExpert®* product portfolio consists of *IDExpert®* SmartACT, *IDExpert®* ToolACT, *IDExpert®* ProACT to meet the special requirements and needs of any company and organization of any size.



CARDWARE LAMINATION PASSPORT SOFTWARE CAPTURE PRINTER BIOMETRIC

IT MEETS ID

# IT meets ID

## ACT (ADVANCED CREDENTIAL TECHNOLOGY)

Today, various credentials can be used to authenticate a person's identity to multiple computerized security systems. *IDExpert*® Identity Management Solutions secure and simplify the definition, personalization and management of a wide range of smart cards and other identity devices such as USB tokens, as well as machine readable travel documents.

- Smart cards (contact and contactless chips)
- Multi-application cards
- USB authentication devices and smart card based tokens
- NFC mobile phones
- ID cards with barcodes and magnetic stripe
- ePassports, Visas
- Biometrics

## INNOVATIVE IDENTITY MANAGEMENT

*IDExpert*® Identity Management Solutions have a major role in the security system architecture. They support the infrastructure and business processes for creation, maintenance and use of digital identities. The end-to-end life cycle of all credentials is securely managed and audited. Our flexible and modular solutions simplify the issuance and management of ID and smart cards, USB authentication devices, digital certificates and biometrics - even in distributed business environment.

## INTEGRATED CERTIFICATE MANAGEMENT

Smart cards and certificates provide users with secure access and enable the implementation of security concepts and applications. *IDExpert*® Identity Management Solutions operate with CAs (Certificate Authorities) such as Microsoft Windows Server 2003 Enterprise CA or Nexus Certificate Manager. A wide range of smart-cards and tokens are supported through the PKC#11 interface.

## OPEN SYSTEM ARCHITECTURE

*IDExpert*® Identity Management Solutions are based on J2EE/Java Technology and use standard communication and data exchange formats such as XML, SQL and TCP/IP to facilitate best interoperability to existing IT infrastructures.

## EASY-TO-USE AND MULTIPLE LANGUAGE SUPPORT

*IDExpert*® Identity Management Solutions are easy-to-use, highly flexible and scalable from hundreds to millions of users. The intuitive and user-friendly interfaces of *IDExpert*® SmartACT are available in English, French, Spanish and German, with other languages in preparation. Our software development kit, *IDExpert*® ToolACT, is available in ten languages: English, French Spanish, Portuguese, German, Italian, Russian, Polish, Arabic and Simplified Chinese. Additional language versions can be made available at short notice. *IDExpert*® ProACT, our web-based system platform for custom workflow and identity management software, can be customized to any language by our development team, even with multilingual user-interfaces.

## IDEXPERT® SMARTACT

*IDExpert*® SmartACT is efficient, quick, highly flexible and an easy-to-use Innovative Identity Management for companies and organizations of any size. It allows companies, enterprises, government agencies, educational and other organizations to easily enroll, issue and effortlessly manage end-to-end life cycle of identities and credentials. The powerful multilingual, web-based system provides support for ID and smart cards, USB authentication devices, NFC mobile phones, digital certificates and biometrics. Different levels of security for credentials and system access, with issuance and management roles, policies, and technologies ensure that only the right person has been issued the right ID.

*IDExpert*® SmartACT allows even complex integrations and enables you to consolidate different credentials, with one central source for all identities, control and logging of all activities as well as automatic procedures for expiration. With a freely selectable skin for the graphical user interface, it is truly customizable and user-friendly. Via central identity management, it enables personalization and management of all credentials for different group of persons, secure ID issuance and identity lifecycle control with fully customized layouts:

- Management of master data for a variety of groups and organizations (e.g. employees, visitors, external staff, external companies)
- Convenient definition, personalization and management of different credentials (ID and smart cards, USB tokens, NFC mobile phones, digital certificates)
- Integrated certificate management (based on Microsoft Windows Server CA)



*IDExpert*® SmartACT

- Multiuser capability, with a role-based authorization concept
- Intuitive multilingual user interface
- Integrated Card Designer with all functions and tools to create custom designed card layouts quickly and easily
- Detailed form view displaying the image, signature, biometric data and a list of applied and assigned credentials
- Professional image capture using different capture sources
- Live image functionality with automatic image enhancement
- Online LDAP interface
- Interfaces to external applications
- Handling of temporary cards
- Receipt printing
- E-mail/alert-management

### **IDEXPERT® PROACT**

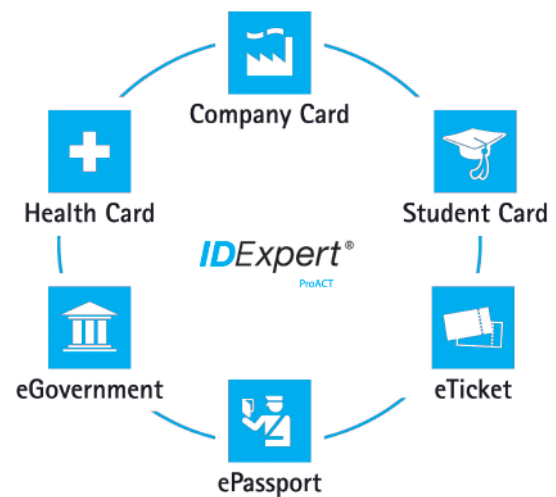
*IDExpert® ProACT* is a web-based system with open-architecture especially designed to develop custom workflow software for identity management and issuance of smart cards and identity credentials as well as large-scale ID and ePassport applications. Users may perform various functions to manage, administer, personalize and encode all different credentials, depending on the assigned rights. The system provides configurable interfaces that can be used to connect multiple data sources or to integrate blacklist checks and biometric verification.

*IDExpert® ProACT* easily integrates with existing environments and communicates with external systems such as HR, access control, time recording and canteen systems via standard interfaces. Platform-independent, highly flexible and scalable, it is specifically designed for international enterprises as well as large corporate, financial, health care, educational and government organizations. Due to its multi-client project system, it can be tailored to meet your particular requirements for the management of your ID and smart cards, USB tokens, PKI certificates or ePassports. It allows for flexible personalization and management of your identity credential as well as complete documentation of their entire lifecycle.

Our experienced project management team works with you to identify and specify exactly your requirements to develop, implement and integrate a tailor-made solution that perfectly matches your needs. Our team will work alongside you on the entire project, from needs analysis, planning and design to implementation, integration, training and ongoing support. We can cooperate closely with companies and distribution partners to customize this framework to meet individual business needs.

- Highly sophisticated web-based system for complex customer-specific process and project requirements in all areas of ID management
- Meets highest security requirements
- Central management of credentials throughout their lifecycle (ID and smart cards, USB tokens, NFC mobile phones digital certificates, biometrics, ePassports)
- Central or distributed personalization of different credentials
- Multiuser capability, with role-based authorization concept
- Intuitive multilingual user interface
- Request-controlled and workflow-controlled processes
- Support of various application and database server platforms

- Optional integrated certificate management
- Professional image capture using different capture sources
- Live image functionality with automatic image enhancement to receive full ICAO compliant photos and biometric data
- Role-based authorization concept
- User self-services
- Online LDAP interface
- Interfaces to external applications
- Handling of temporary cards
- Receipt printing
- E-mail/alert-management can be combined individually with system events



### **IDEXPERT® TOOLACT**

For system integrators and independent software developers, we provide the powerful *IDExpert® ToolACT* which offers the tools for fast and easy custom development for credential-based identity solutions. You can add functionalities or new technologies to your current software application or create new, fully customized applications. Whatever option you decide, *IDExpert® ToolACT* is the right choice to help you with your ID application development needs.

- Configuration manager for printing, encoding and image acquisition
- Card Designer with all functions and tools to create custom designed card layouts quickly and easily
- Multiple language support
- Easy installation
- Encoding capabilities for barcodes, magnetic stripes and smart cards (contact and contactless)
- Image, signature, fingerprint and document capture components support any Twain, VFW (Video for Windows) and file image sources
- Optional biometric device support
- Optional security features for government applications
- Support of client / server architecture
- Support for Web integration (HTML, Applet)

**THERE IS ONE FOR EVERYBODY**

## IDEXPERT® ID MANAGEMENT FEATURE LIST

	SmartACT	ProACT	ToolACT
<b>GENERAL</b>			
Windows 2000, Windows XP, Windows Vista	●	●	●
Server can run under Linux*	●	●	
Server can run under Unix and Sun Solaris Platform		●	
Cluster enabled		●	
Support of alternative application server (e.g. Bea WebLogic, IBM WebSphere)		●	
Default Internal databases	SQL Server 2005 Express	SQL Server 2005, Oracle 9i Database, Oracle 10g	
Role-based authorization concept	●	●	
<b>USER INTERFACE</b>			
Intuitive user interface	●	●	●
Multiple languages	●	●	●
Customized forms		●	
Web browser - Client	●	●	●
Java Web Start - Client	●		
Unicode™	●	●	●
<b>PROCESSES</b>			
Request and workflow controlled ID Management		●	
Lifecycle management	●	●	
Customized card workflow		●	
Extended event model	●	●	
Scripting	●	●	
Receipt printing	●	●	
E-mail/alert management	●	●	
Record-based export	●	●	
<b>DATA EXCHANGE</b>			
Import manager with ODBC interface	●	●	
Export	●	●	
LDAP interface	●	●	
<b>PKI</b>			
PKI interface	MS Windows Server 2003 Enterprise CA	MS Windows Server 2003 Enterprise CA, Nexus CM, other	
Support of multiple CAs		●	
<b>PERSONALIZATION</b>			
Batch printing	●	●	
MRZ printing	●	●	
UV printing	●	●	●
Invisible Personal Information (IPI)	●	●	●
Popular barcodes including PDF417	●	●	●
Magnetic stripe encoding	●	●	●
Contact chip encoding	●	●	●
Contactless smart card encoding (LEGIC, MIFARE, HID, ProxIF)	●	●	●
Smart cards through PKCS#11 driver	●	●	●
<b>IMAGE CAPTURE &amp; BIOMETRICS</b>			
Professional high quality image capture (photo, signature, fingerprint, document)	●	●	●
ICAO Plug-in	●	●	●
<b>GENERAL MANAGEMENT</b>			
HR module	●	●	
Order management		●	
Number sequences	●	●	
User self-service		●	

● = supported feature ● = optional feature

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