

Case Studies & Success Factors

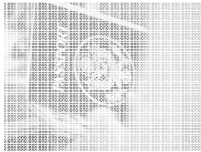
Dietmar Breyer, COO

Montreal / Oct 2nd, 2007



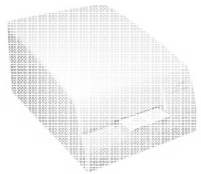
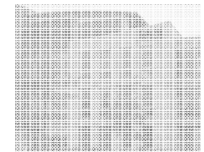
SAFE ID Solutions

Ingredients for Innovative Security Solutions in Place



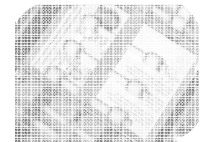
Innovative total solution provider

High secure soft- and hardware authentication of people and products



Targeting high security document market

Global references in more than 25 countries;



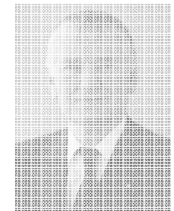
Management with years of industry experience

Backgrounds from industry-leading market players such as Infineon, Siemens, Datacard, Giesecke & Devrient, Beta Systems



High profile supervisory board

Otto Schily (former German Minister of the Interior) and Dr. Ulrich Schumacher (ex-CEO Infineon Technologies AG)



Premier technology investors

Atlas Venture, Wellington Partners, NIF

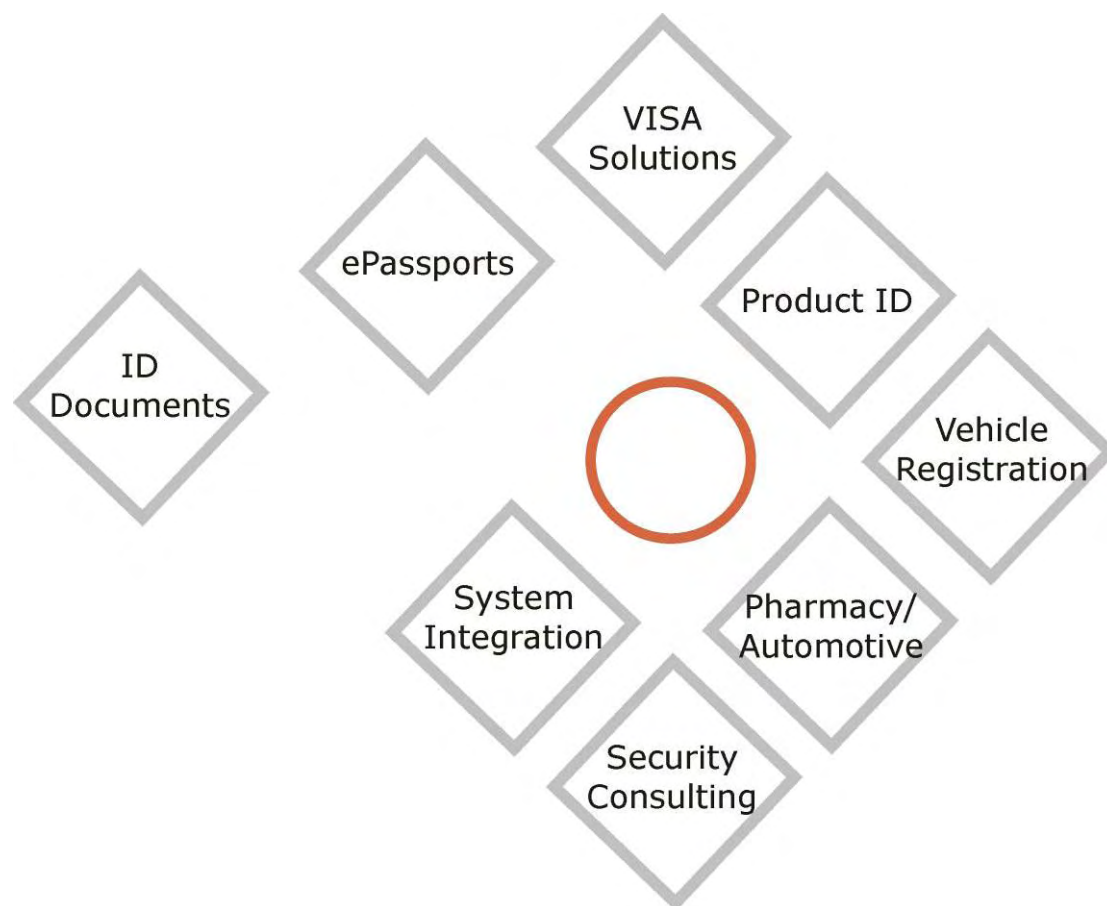


Excellent team, impressive growth rates

Over 40 highly skilled employees, high revenue growth and growth potential



**SAFE ID is an Innovative Security Solutions Provider
in the Document ID Environment**



ePassport Market

- SAFE ID core business focus
- Full electronic passport and personalization solutions

Personal ID Market

- SAFE ID extended business focus
- Further identification topics such as VISA, ID cards, driver licenses, car registration, voting schemes, others

Product ID Market

- SAFE ID new business focus
- Securing of process chains which involve highly secure environments, e.g. automotive or pharmacy markets

Integration & Services

- Turnkey solutions, consumables supply, service & maintenance, security evaluations, others

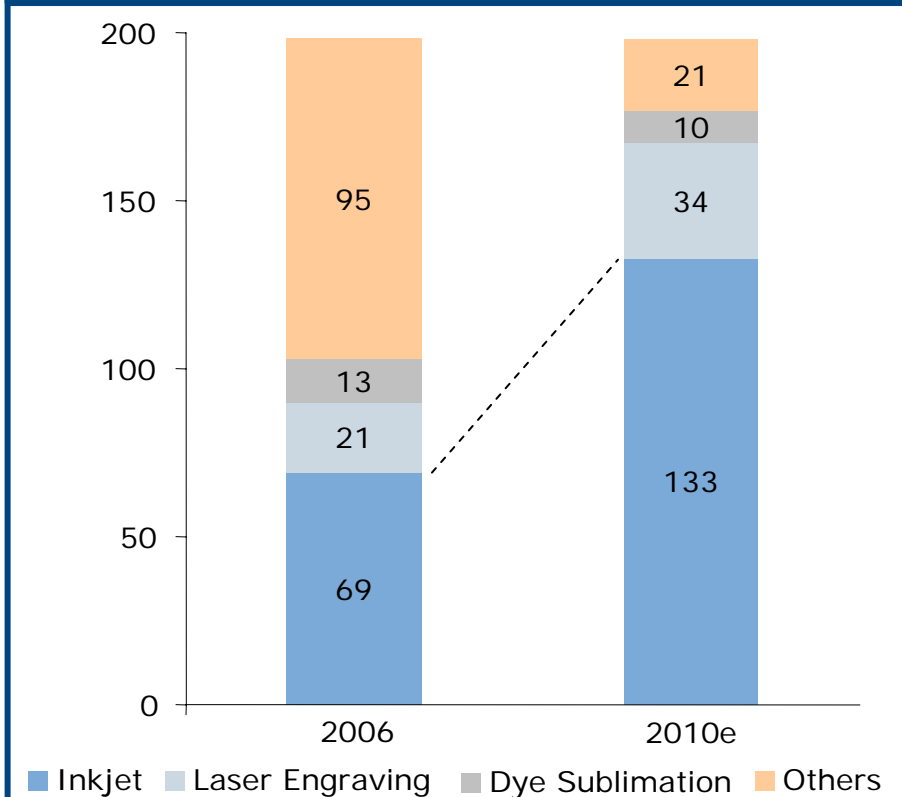
Fully integrated solutions and services for ID related markets
- optimized for highest security and efficiency -

Document Security – Technology Trends Worldwide

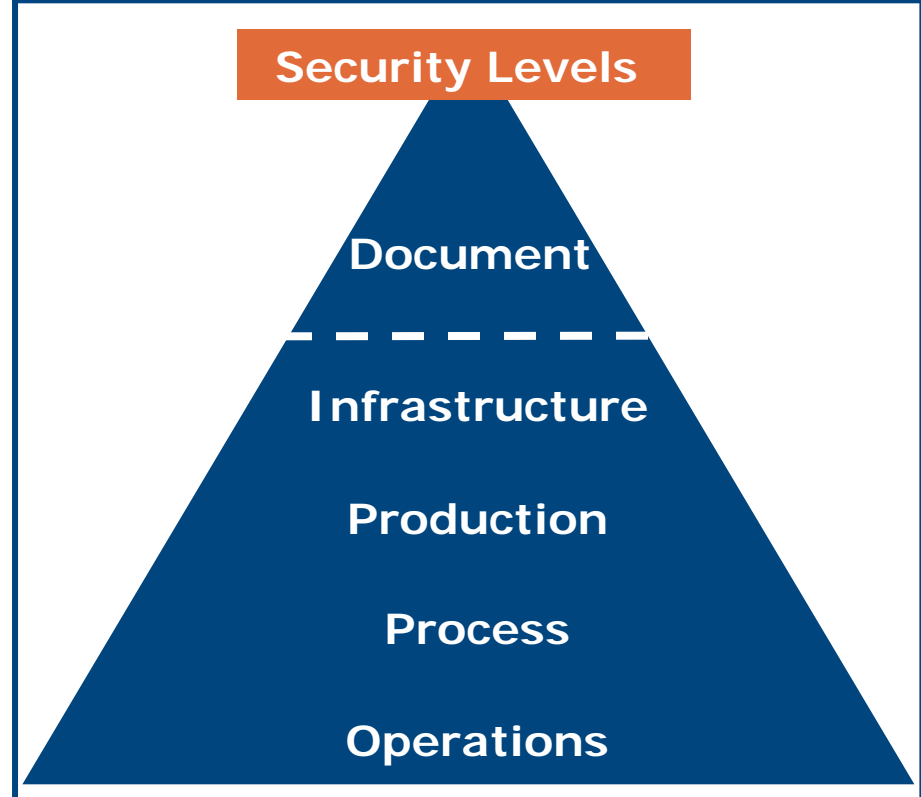
Inkjet will be the Dominant Passport Technology



Printing Technologies
(by number of countries)



Secure Processes



SAFE ID targets the global market demand for personalization solutions based on inkjet technology and secure processes

Source: SAFE ID

Case Study „Egypt“

Automated Personalization & Upgrade Option



Passport System – Basic Facts	SAFE ID Contribution
<ul style="list-style-type: none">▪ Customer: Egypt Ministry of Interior▪ Annual passports: ~ 1.000.000▪ Passport Type: ICAO machine readable passport▪ Infrastructure: Central infrastructure (more sites to be installed later)	<ul style="list-style-type: none">▪ Products: AS 1000, PSI Software▪ Features: Additional ePassport technology for later epassport upgrade▪ Process Integration of secure laminate and components. Connection to existing infrastructure. Service, maintenance▪ Order placed: 1st: 2006 / 2nd: 2007

Track Record

- ✓ Technical evaluation of various personalization technologies by the end customer
- ✓ MoI decided for inkjet technology - SAFE AS 1000 chosen due to printing quality and modular design
- ✓ Successful delivery and installation of AS 1000 personalization systems
- ✓ Integration into customer's software and issuance infrastructure
- ✓ Customer highly satisfied with first project phase – follow up order for SAFE ID Solutions
- ✓ Passport upgrade to electronic technology planned for 2008

The passport project in Egypt was a proof of concept for SAFE ID's modular system and holistic security approach

Source: SAFE ID Solutions AG

Case Study „Liechtenstein“ Manual ePassport Infrastructure



Passport System – Basic Facts	SAFE ID and OeSd Contributions
<ul style="list-style-type: none">▪ Customer: Liechtenstein Administration▪ Annual passports: < 10.000▪ Passport Type: ICAO compliant ePassport (RFID technology, biometric data)▪ Infrastructure: Central infrastructure▪ Issuance since: Sep. 2006	<ul style="list-style-type: none">▪ Products: MS 100e, PSS Personalization Software, RFID Technology▪ Features: ePassport capabilities, advanced management software▪ Process: Full integration of complex hard- and software infrastructure with RFID support

Track Record

- ✓ Liechtenstein had to fulfill US Visa Waiver requirements by introducing electronic passports
- ✓ After technical evaluation SAFE ID MS 100e and PSS Management Software were chosen to secure full personalization process
- ✓ Project was implemented by SAFE ID and OeSd (Österreichische Staatsdruckerei, Austrian State Printing House)
- ✓ First ePassport was issued in September 2006
- ✓ A new passport can now be issued within 30 minutes after application!

Liechtenstein's integrated hard- and software infrastructure allows high-speed ePassport issuance with maximized security

Source: SAFE ID Solutions AG

Success Factors – Personalization Systems



Advanced Security

- Optical security features and support of all electronic encryption methods (BAC, EAC)
- Special security inks for UV or DNA personalization
- Precise lamination of high security foils for additional features and counterfeit prevention
- Optional hardware security features

Best Personalization Technology

- Full color personalization with photo quality
- Flexible resolution with up to 2880dpi
- Certified inks for highest lifetimes. Printing is optimized for all kind of booklets
- Precise positioning and sharp printing guarantees ICAO compliance

Customizable Functionality

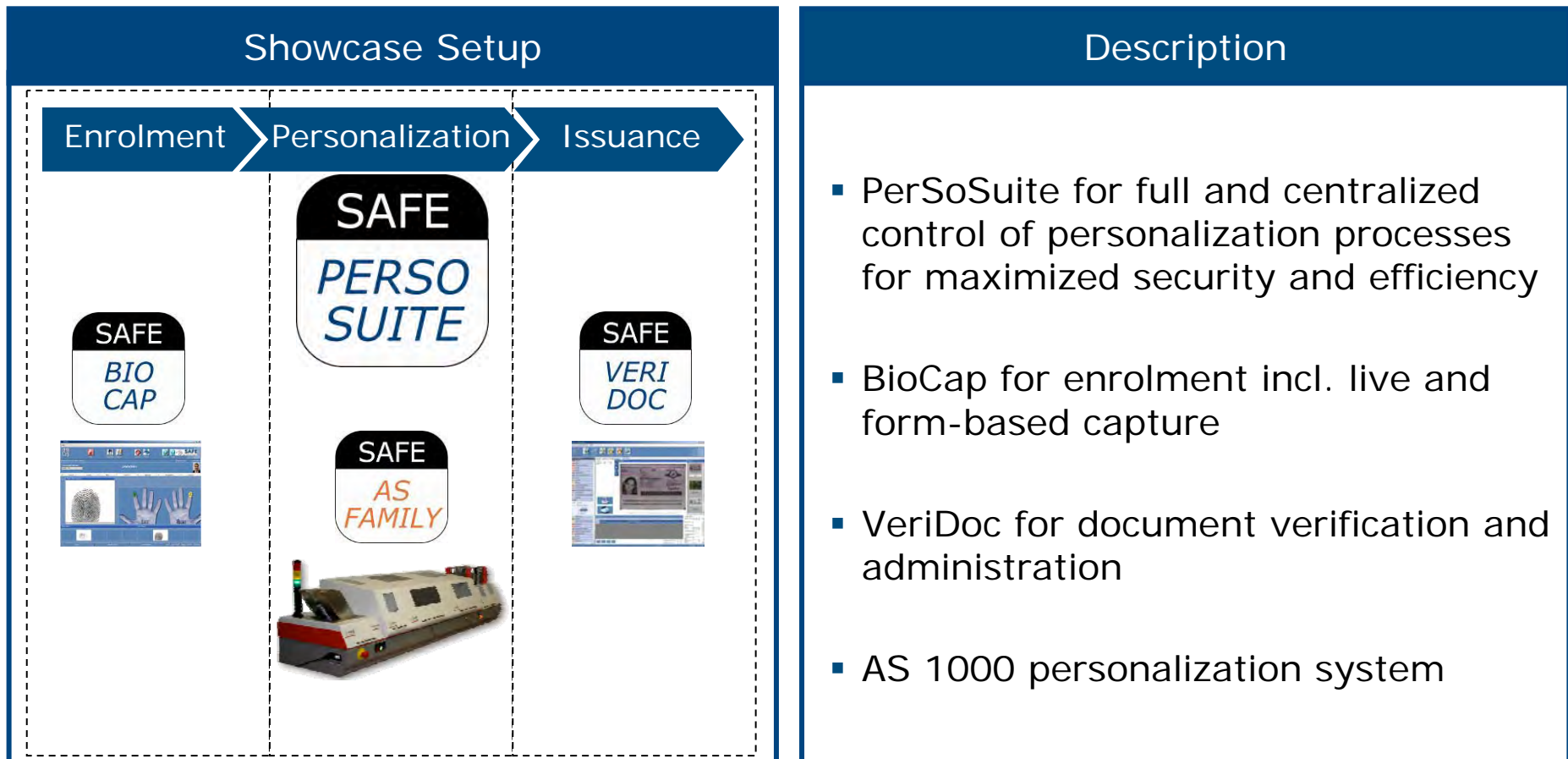
- Modular design allows customized system design
- Later upgrades can be implemented
- Systems are optimized to individual workflows

Cost Efficiency

- Moderate investment cost
- Low consumable needs
- Easy maintenance and service capabilities
- High yield rated and system uptime

SAFE ID's personalization solution combines all critical elements thereby offering a maximum of customer benefits

ICAO Showcase „Maximized security within the personalization process“



Meet us at booth 4 & 5 for live demonstrations!

Always make sure...



...to be on the



side!



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