



ConCERTO

Secure Solutions for Converged Systems

The logo for insinova, featuring the word 'insinova' in a stylized font with a red circle around the 'i', set against a background of musical notes and a hand playing a piano.

insinova

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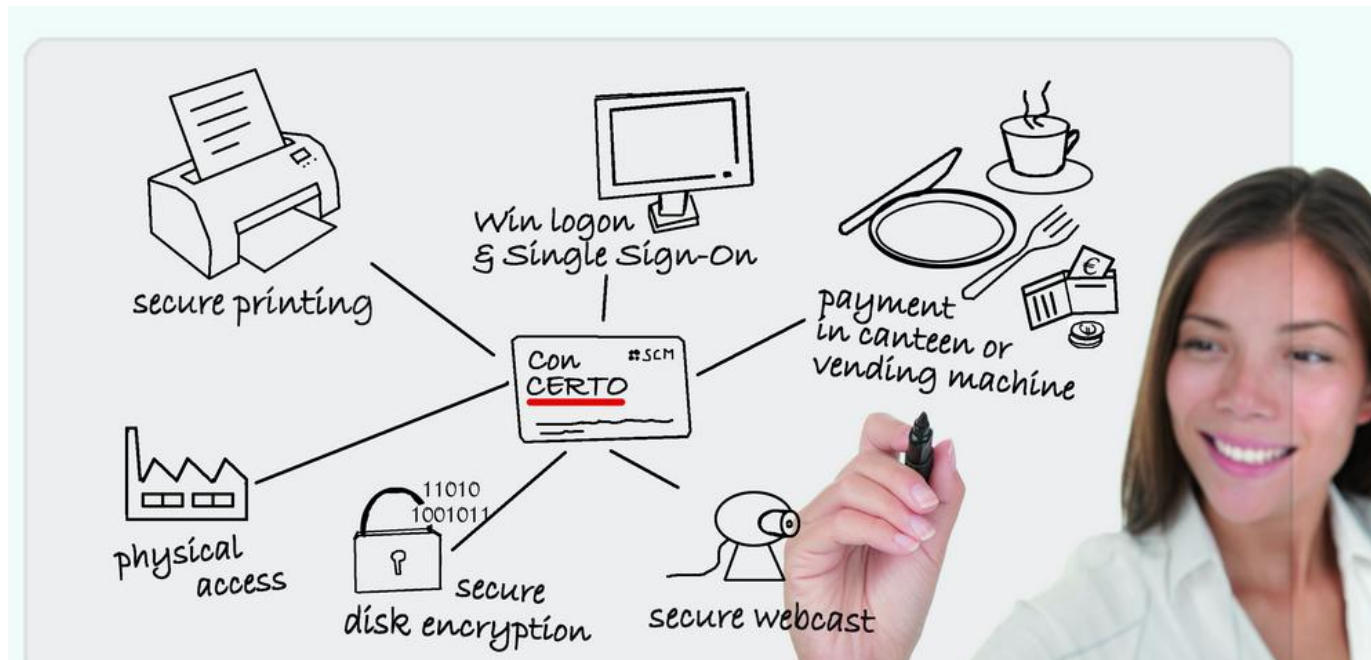
September 2011

SCM Microsystems GmbH



Securing company data and ensuring privacy is crucial to **YOUR** business!

- ConCERTO is a secure identification platform for multiple applications
- Open Architecture for adding additional applications
- One secure contactless credential for all applications





ConCERTO Key Benefits



- **Convenience and cost savings for a fast ROI**
One secure contactless credential for physical access, logical access and more
- **Increased security for **YOUR** systems and facilities**
Adding DESFire EV1 high level security to all applications using hardware based AES 128 bit encryption
- **Security under **YOUR** control**
You have the full control over your application keys
- **Flexible and open**
Based on open card data structure and open API
- **Modular and future proof**
Start with any application e.g. logical access today and add any other application later



ConCERTO Elements

Flexible, modular & scalable



Various building blocks allow you to flexibly migrate your existing infrastructure to a higher security level



ConCERTO CREDENTIAL
Credentials based on DESFire EV1 in multiple form factors



ConCERTO READER
ConCERTO compatible contactless and dual interface smart card readers



ConCERTO LICENSE
ConCERTO LICENSE enables any DESFire EV1 card to work with [ConCERTO Elements](#)



ConCERTO Elements

Flexible, modular & scalable



ConCERTO ACCESS

ConCERTO enabled secure physical access readers



ConCERTO LOGON

Secure Windows Logon and Single Sign-On (SSO) made easy and convenient



ConCERTO COMPATIBLE

Various applications and products can be made ConCERTO compatible helping to increase the security of your environment



ConCERTO LOGON

Introduction



Securing company data and ensuring privacy is crucial to **YOUR** business!

Often your stringent password, user and workflow policies are unconsciously undermined by your employees.

Bad password habits such as writing passwords down, re-using passwords for different applications and choosing simple passwords can **make organizations vulnerable** to attacks and data theft.



ConCERTO LOGON

Solves this critical security issue for you



ConCERTO LOGON

Overview



ConCERTO LOGON is a security solution using a contactless DESFire EV1 card for Windows LOGON and Single Sign-On

ConCERTO offers:

- **Strong two-factor authentication (contactless credential & PIN)**
- **Support of complex and cryptic passwords**
- **Secure processing and storage of all logon data**
- **AES 128 bit data encryption and communication**

... ConCERTO LOGON helps you to keep your company data safe.



ConCERTO LOGON

The Ideal Choice ...



There are different solutions in the market but ...

- **ConCERTO LOGON works out of the box as a Windows-based ADD ON**
- **No changes to the existing infrastructure of Windows needed**
- **Low one-time investment per seat**
- **No annual license fees**
- **Reduced IT support calls**
- **Fast return on investment (ROI)**



ConCERTO LOGON

Employee Benefits

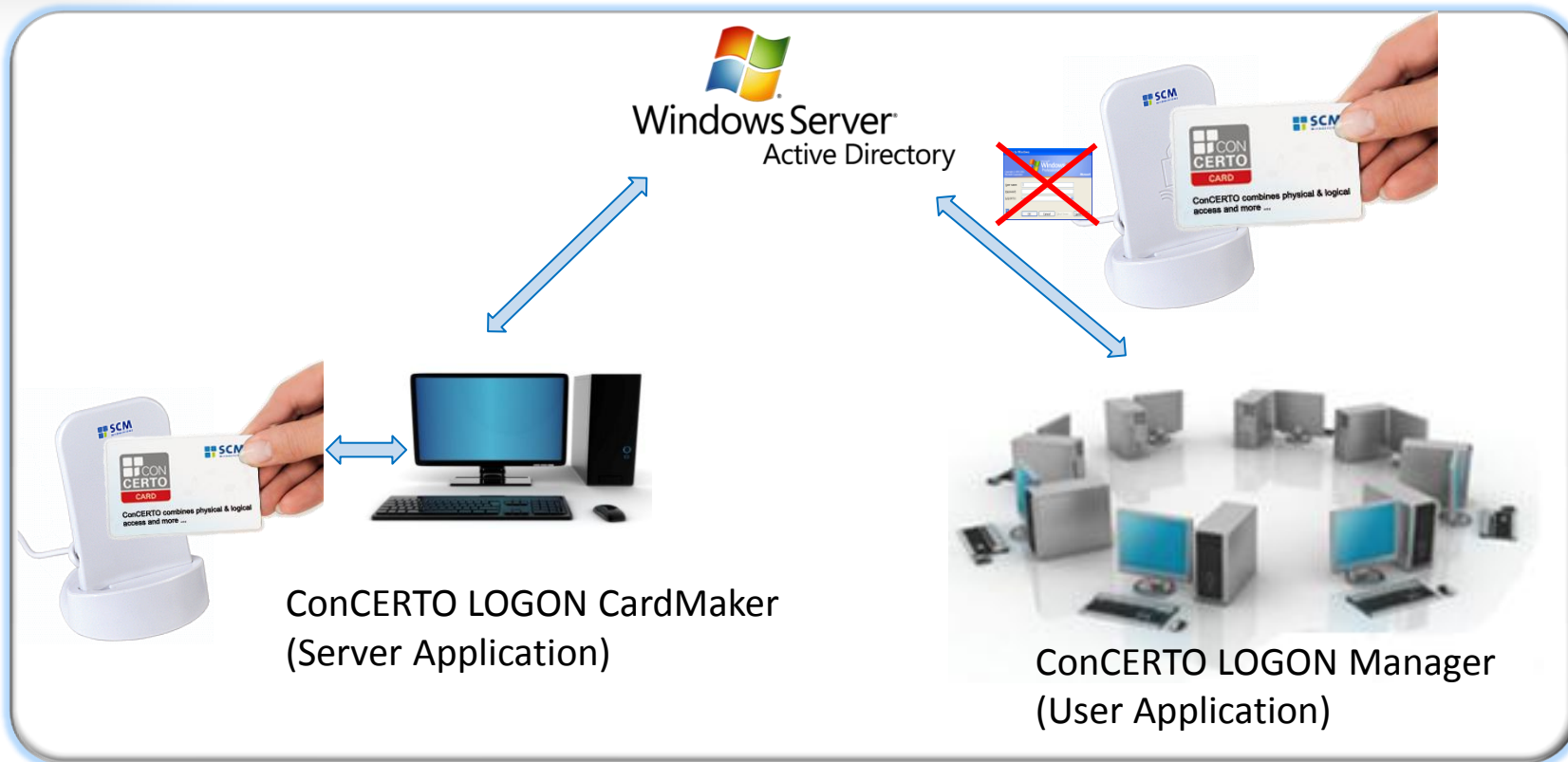


The employees will benefit from

- Not having to remember complex passwords
- “Auto-record” and “auto-fill” of website and application logon information makes access much faster and more convenient
- Intuitive and easy to use user-interface
- One credential for many applications

The employee simply logs on to Windows and any other application using his ConCERTO CARD





- **ADD ON to the existing infrastructure for WINDOWS**
- **Active Directory & card user policy synchronisation**
- **Any Network PC can act as ConCERTO Server**



ConCERTO LOGON

LOGON Only vs. LOGON PRO for Users



ConCERTO LOGON Only

Secure LOGON to Windows® PC & Networks

Secure storage of

- Win LOGON Data

ConCERTO LOGON PRO

Secure LOGON to Windows® PC & Networks

+ Single Sign-On (SSO)

- Logon to websites and applications
- Automatic web form fill

Secure storage of

- Win LOGON Data
- Passwords
- Web form fill data
- Application LOGON data
- Banking & credit card information

LOGON Only is cheaper than LOGON PRO and some companies might not need the additional features!



ConCERTO LOGON

CardMaker Software for IT-Administrator



Features

- Card initialization, issuance and printing capabilities
- Issuance of ConCERTO Cards to end-users, or end-users self enrollment
- Define card settings such as PIN, card removal behavior, LOGON settings
- Can be synchronized with Active Directory (import of users, password changes)
- Creation of different user groups and access rights
- Creation of different reports types (lost, stolen, defective, returned cards, transactions logs)
- Issuance of new applications through self-enrollment
- Credentials can be administered centrally from the IT-Administrator

Data Security

- ConCERTO CardMaker access only for authorized administrators
- Encrypted data exchange between Logon Manager and ConCERTO CardMaker server
- Instant change of card access rights and revocation
- Storage of cardholder enrollment information and rights on ConCERTO CardMaker secure data server

Customer is buying everything from SCM

IT-Administrator:

- CardMaker Software installed on his Server
- 1 x ConCERTO READER



Per User:

- LOGON Manager Software installed on his PC
- 1 x ConCERTO READER
- 1 x ConCERTO CARD LOGON only or ConCERTO CARD LOGON PRO





ConCERTO LOGON

What is needed for a first Roll-Out – Case 2



Customer is using his own DESFire EV1 cards

IT-Administrator:

- CardMaker Software installed on his Server

- 1 x ConCERTO READER



Per User:

- LOGON Manager Software installed on his PC

- 1 x ConCERTO READER



- 1 x ConCERTO LOGON Only license or ConCERTO LOGON PRO License

- 1 x ConCERTO CARD ENABLER License

+ one of his own DESFire EV1 cards

ConCERTO LICENSE CARD LOGON PRO USER License 100 CARD ENABLER License 50	



ConCERTO LOGON

Lost or broken cards



If the customer wants to replace cards they will need:

Option 1: Customer buys cards from SCM

- 1 x ConCERTO CARD Replacement



Option 2: Customer wants to use his own cards

- 1 x ConCERTO CARD ENABLER License



ATTENTION:

The customer doesn't have to buy a new ConCERTO LOGON software license!
The software licenses are valid life-time, which is one reason why ConCERTO is cheaper than other products.



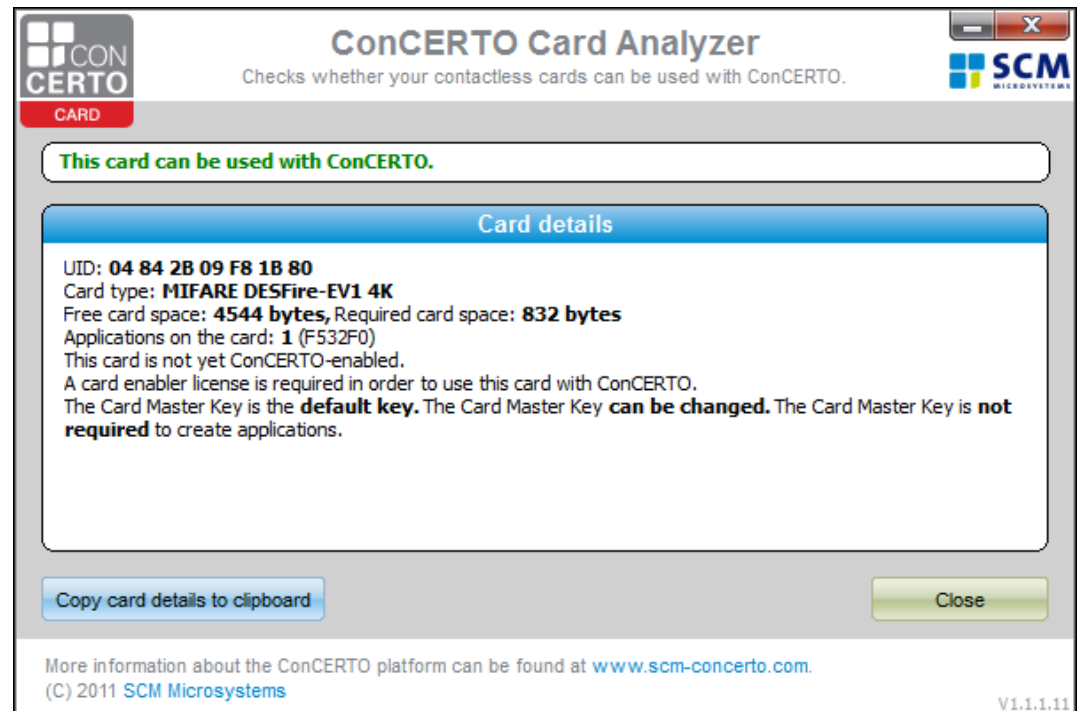
ConCERTO LOGON

ConCERTO CARD Analyzer Tool



If a customer wants to use his own DESFire EV1 cards or if he wants to buy the cards from another vendor, he will have to make sure that the cards are compatible with ConCERTO.

To allow customers to easily check if their cards with ConCERTO we have “invented” the ConCERTO Analyzer Tool:





ConCERTO LOGON

ConCERTO Evaluation-Kit



The ConCERTO Evaluation-Kit is ideal if a customer wants to test ConCERTO LOGON for the first time.

The ConCERTO Evaluation-Kit comes with 2 different smartcard readers and 4 ConCERTO enabled cards for testing the server and client software. It allows you a fast testing of secure Windows Logon and Single Sign-On on one PC as a stand-alone test or testing within a network.

Package Content:

- **1 x ConCERTO READER LOGON Mobile**
- **1 x ConCERTO READER LOGON Desktop**
- **2 x ConCERTO CARD with LOGON Only license**
- **2 x ConCERTO CARD LOGON PRO License**
- **1 x CD with ConCERTO LOGON Software**





ConCERTO LOGON

ConCERTO Starter-Kit



The ConCERTO Starter-Kit is ideal for a first real field test or to start a real roll-out.

It allows to equip 20 seats in an easy, fast and efficient way. It contains a quick installation guide, the installation software and all necessary hardware components.

Package Content:

- 20 x ConCERTO Desktop Reader with cradle
- 20 x ConCERTO enabled DESFire EV1 cards with PRO (SSO + Logon) Licenses
- 1 x CD with ConCERTO LOGON Software
- 1 x Quick start Guide





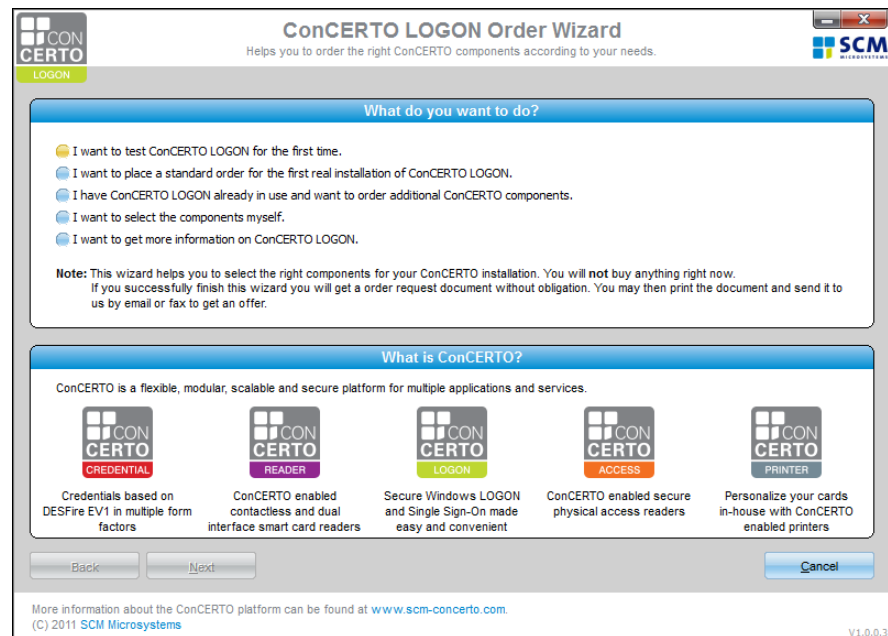
ConCERTO LOGON Components



Customers can combine any ConCERTO LOGON components as they like.

All different ConCERTO READER and ConCERTO CARDS can be combined with the LOGON licenses Windows Logon only or Windows Logon + Singles Sign-On (SSO). Customers can also use their own DESFire EV1 Cards.

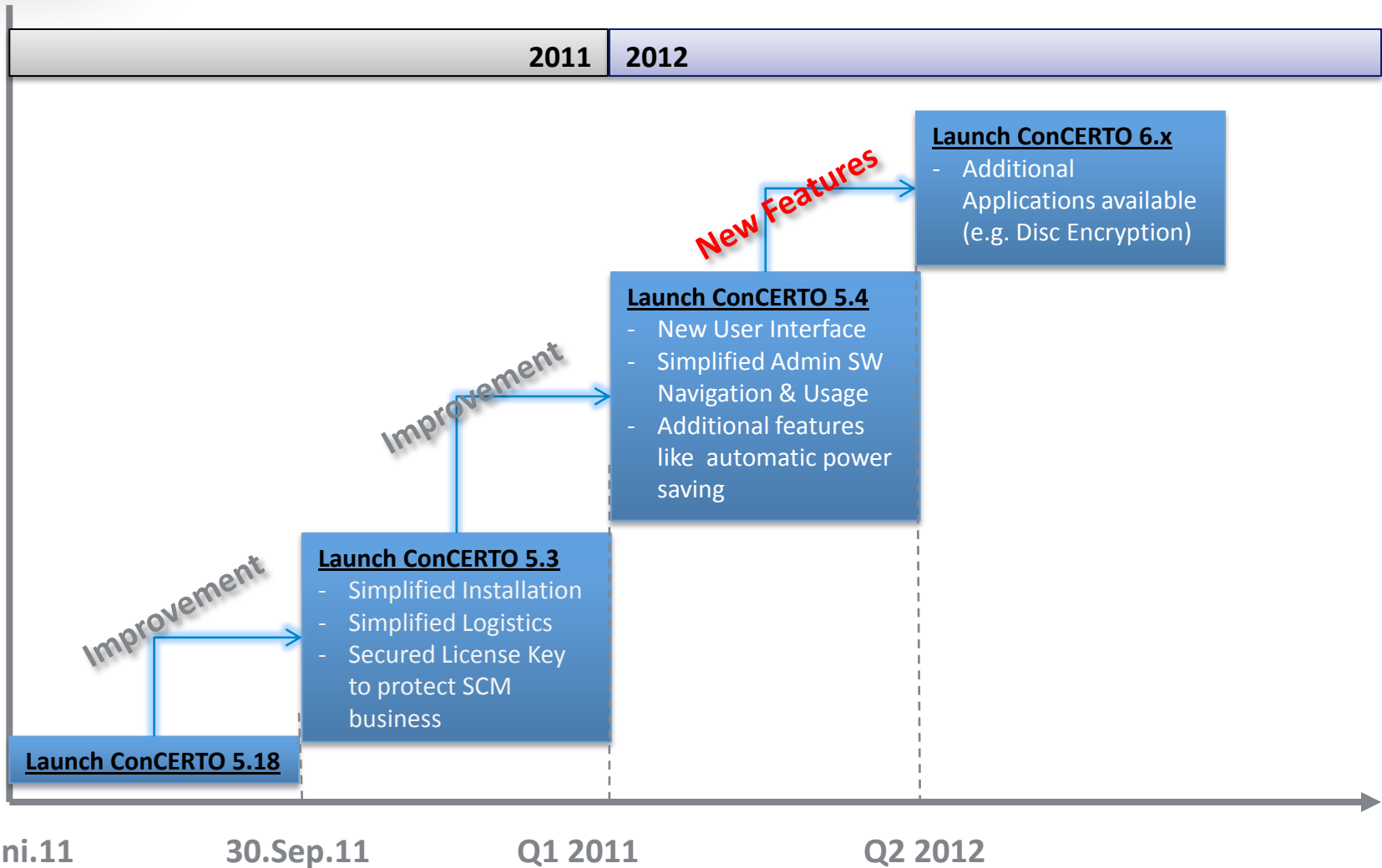
To simplify the selection of the necessary components we have “invented” the ConCERTO Order Wizard:





ConCERTO LOGON

Roadmap 2011/2012





ConCERTO LOGON

Last but not Least



Fact 1:

Forgotten Passwords is costing 6 Billion Euro a year in Germany*

Fact 2:

Only one out of four users has a secure password*

The solution?

To solve this issue companies are providing trainings to teach users how to choose and use secure passwords.

Why not simply use ConCERTO LOGON instead!

Don't Forget:

Securing company data and ensuring privacy is crucial to YOUR business!

*Source: <http://www.cio.de/knowledgecenter/security/2270847/>

Thank you for your attention!



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September 2011

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