

Dezember 2010

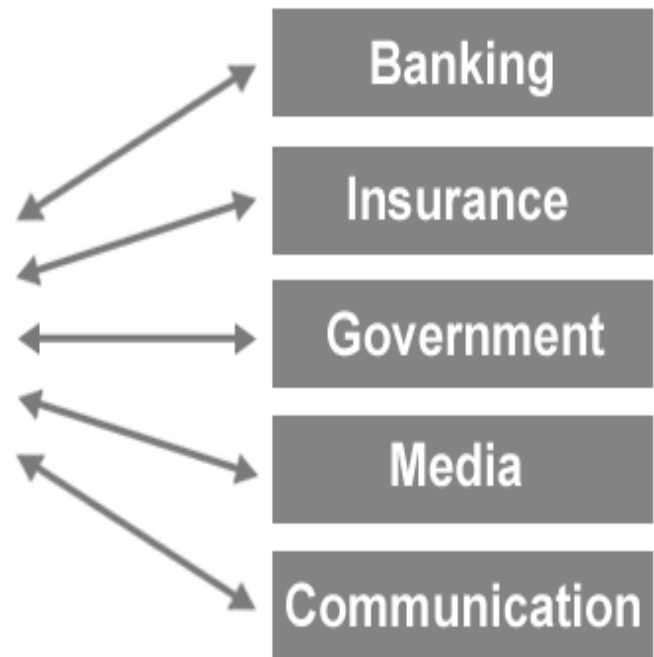
AXSIONICS

AXSionics company

- Incorporated in 2003, Swiss plc, spin-off from Bern University of Applied Sciences
- Privately financed
- Leader in easy to use, secure identity and transaction management solutions
- Strong intellectual property portfolio: 14 international patents and pending patents
- Excellent track record: established partnerships with leading blue-chip companies in the Finance, Defence, Technology and Information Technology industries
- 18 FTE (including mandates)
- Recognized for its leadership : winner of multiple awards

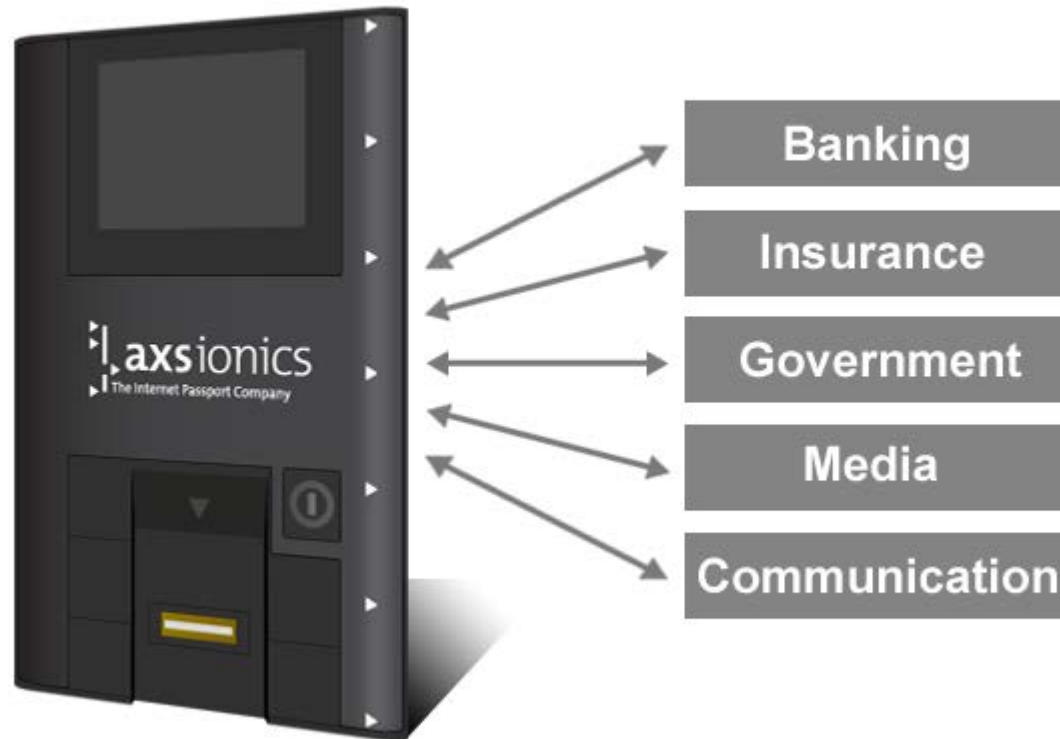


Our challenge

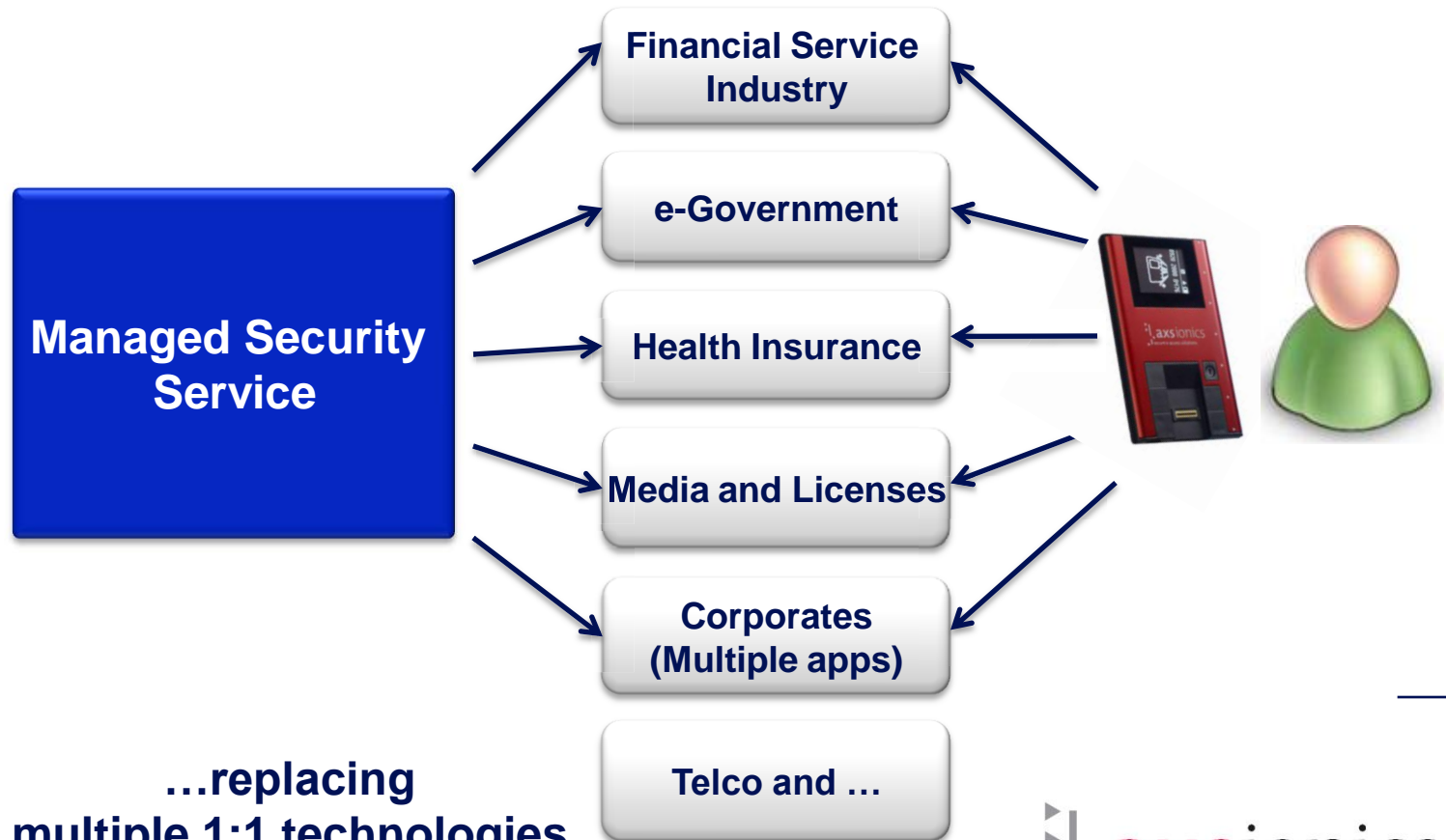


Our Vision

“An Internet Passport in everyones pocket“

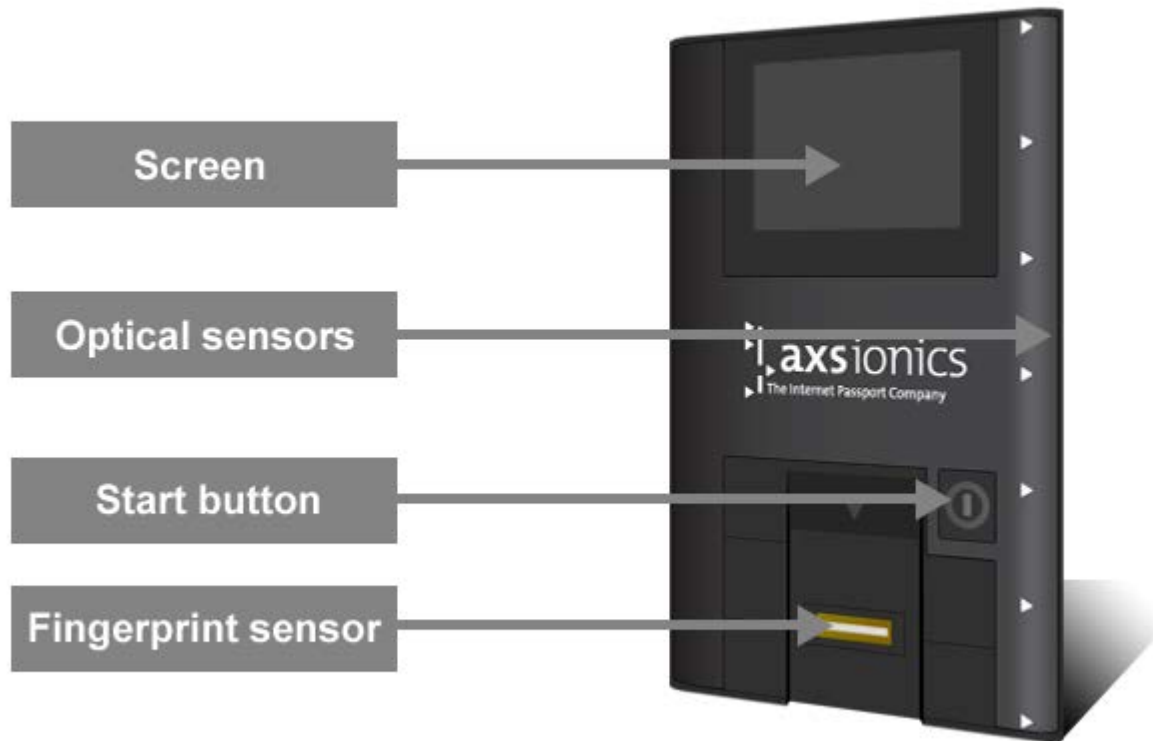


Replace token with a managed security service...



...replacing
multiple 1:1 technologies
with a 1:many service

The Internet Passport



reddot design award
product design 2009

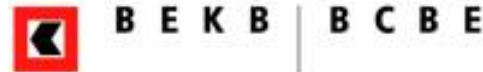
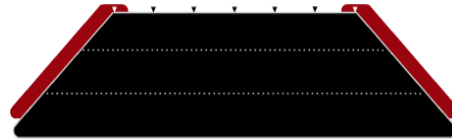


Full mobility – optical channel

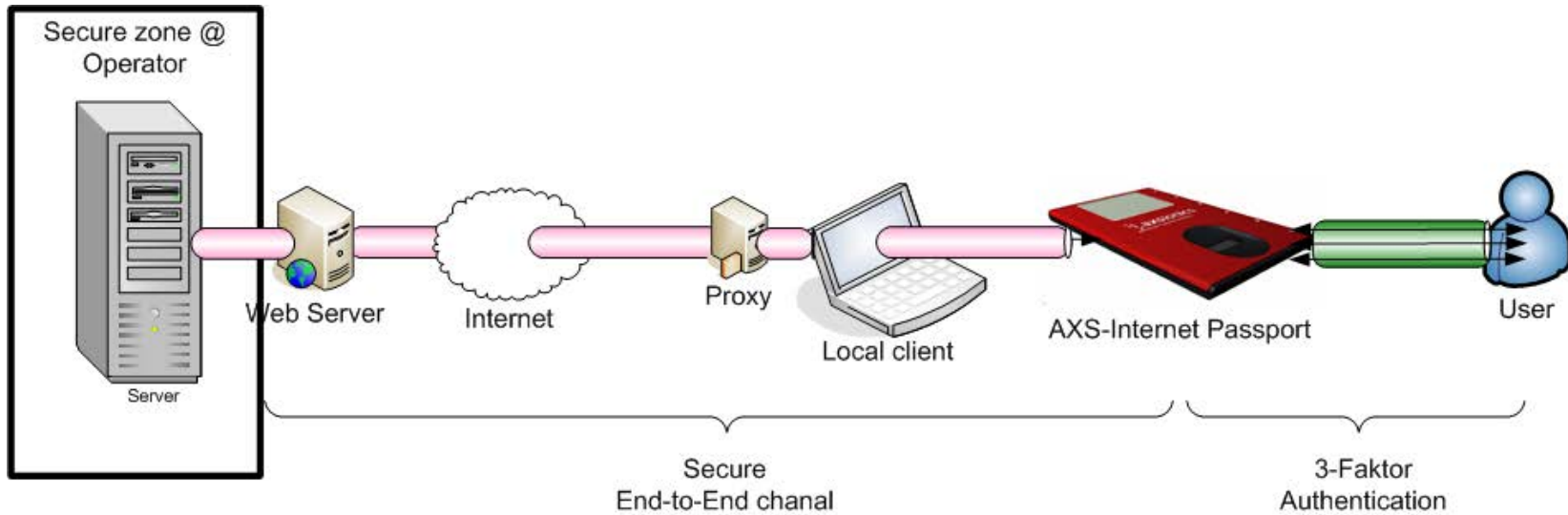
Everywhere available

and

Encrypted



Basic communication scheme - secure channel



- Uninterrupted secure channel from the secure zone of the Operator to the AIP
- Mutual strong authentication
- No real attack surface for a remote attacker

What Security?

Login



As safer,
easier to use,
personalized
alternative to
Password,
Matrixcard or
sms

Transaction



Mutual Authentication
Unlike sms – the
informationen sent by
the Bank is encrypted
at at all times

Info



Requests about
e.g. account
status using a
simple iPhone App
– anytime
encrypted

Other Apps



E-mail, mobile
apps, document
security all sent
and unlocked—
securely

Business requirements – our position

Requirement	AXSionics Position
User friendly <ul style="list-style-type: none"> • easy to use • nothing to learn • nothing to remember • easy to upgrade into 	<ul style="list-style-type: none"> • Enter Passport Number (not a secret) • Hold the card on the screen; sweep the finger over the sensor • No additional PW, contract number, PIN necessary <p>Exceptionnel user feedback - TRY IT! www.theinternetpassport.com</p>
Size/mobility	<ul style="list-style-type: none"> • Credit card sized (thicker) • Useable anywhere
Installation of software or hardware	No installation of soft or hardware required
Ease of implementation	<ul style="list-style-type: none"> • Evolutionary – Coexistence and Migrate with no big bang • Step 1 Acceptor as self select option for customers • Step 2 Migrate selected user groups
Multi purpose, generic security solution (transactions, e-mail, mobile, other apps)	Can be used for identity, transactions, other services, other applications, and all are fresh and independent from each other
Proven/user base	IBM, Swisscom, hp, BEKB, Siemens, KPT
Simple delivery/registration	<ul style="list-style-type: none"> • Voucher based • No secure delivery requirement
Environmentally friendly	Rechargeable and replaces multiple tokens/devices
Cost effective	<ul style="list-style-type: none"> • Available as a service • Economic advantage of software replacing hardware • Investment protected, future proof, secure architecture

Publicity by our customers



The AXSionics Internet Passport

The AXSionics solution guarantees:

Trusted display: Submitted transaction details are encrypted – decryption displays on the token only after successful owner's authentication

Guaranteed:

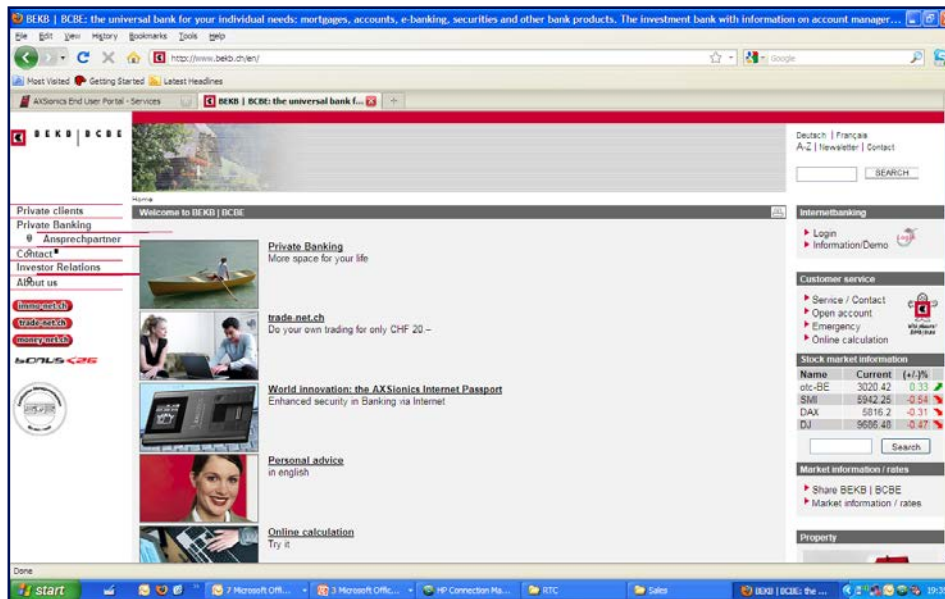
- ✓ **Authenticity**, transaction details can only be sent from an authenticated sender
- ✓ **Integrity/Privacy/Secrecy**, transaction details are sent encrypted (no plain text over the web from a trusted sender)
- ✓ **Freshness**, transaction details can not be replayed

Communication Channel: is under full control of the 2 communicating parties (no 3rd party involved as in PKI)



Proven in Swiss online Services Market

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www.bekb.ch

Berne Eco System based on BEKB shows the Business Model:

- Financial Services (BEKB)
- Health Insurance (KPT)
- Government (Tax)
- Media (Quickline)
- E-Paper (BT)

Pipeline in Switzerland:

- Current projects with Credit-Suisse, UBS, BCV, BCGE, BCJ, Energy (BKW), HP and IBM

AXSionics AG

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For more information please visit

www.axsionics.ch (corporate website)

www.theinternetpassport.ch (enduser website)

THANK YOU