
Mastering Challenges of the Digital Agenda

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VERNETZT

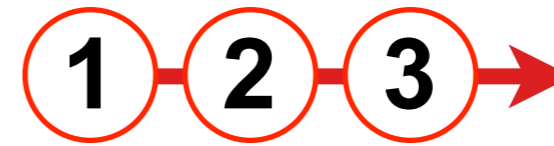
topics addressed today

- **eID and simplification**
 - introducing the qualified signature
 - using standard mobile phones
- **the potential to extend cross border**
 - including mandates
- **document signing**
 - (PDF) in practice
- **the right for E-DOCS**
 - the AT approach via the "official signature"
- **IT and security becoming CIIP**

eID and simplification

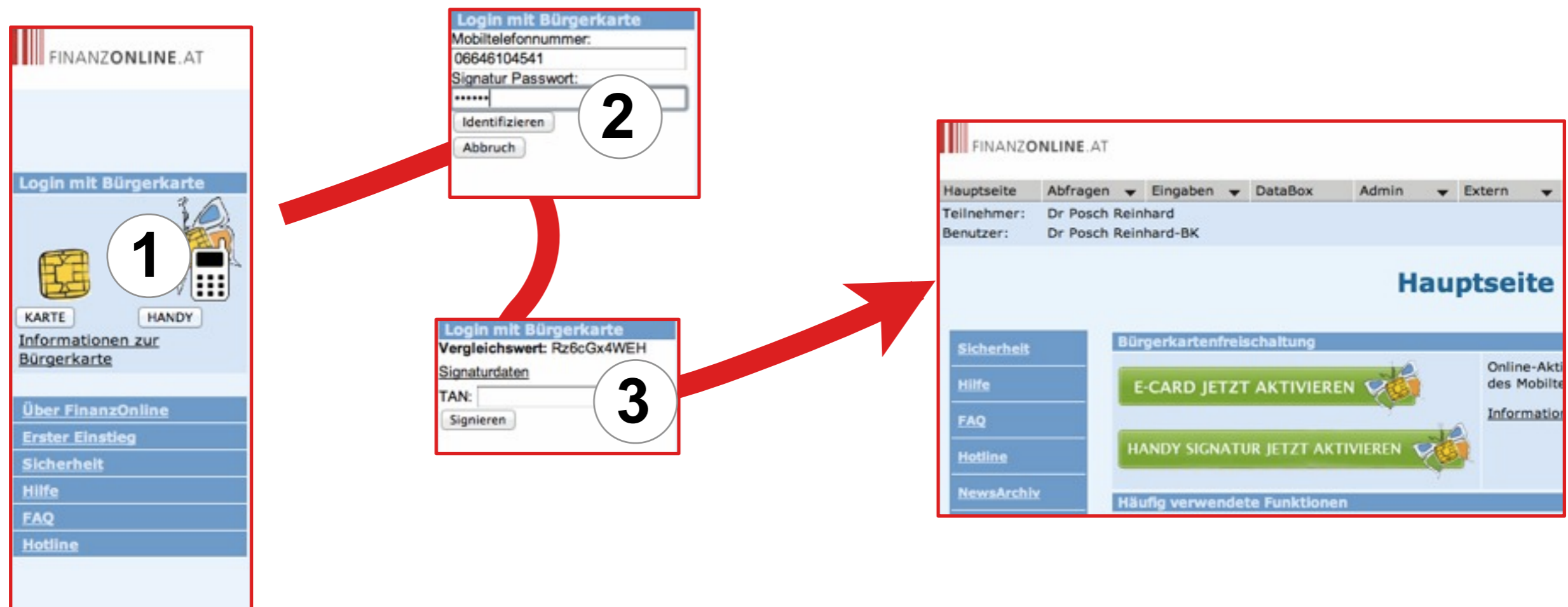
- E-Government Austria has a long standing experience with eID and possible take-up
- voluntary take-up without clear benefit is far below expectations
- complexity is one of the key hurdles
 - REMOVE COMPLEXITY BY AVOIDING INSTALLATION
 - REMOVE COMPLEXITY BY AVOIDING DEDICATED EQUIPMENT
 - REMOVE COMPLEXITY BY AVOIDING RESTRICTIONS ON PLATFORMS
 - MAKE THE EMEBEDDING OF eID EASIER FOR SERVICES

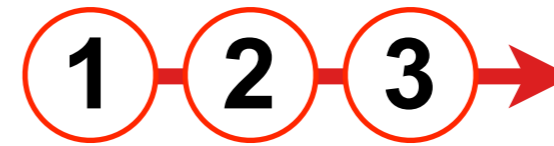




eID and simplification

- enhance usability by using **one method** for qualified signatures and eID
- enhance acceptance by using **ubiquitous devices** e.g. standard mobile phones





eID and simplification

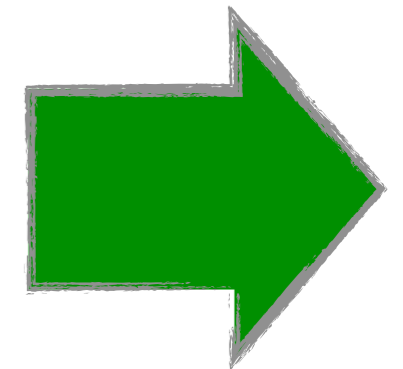
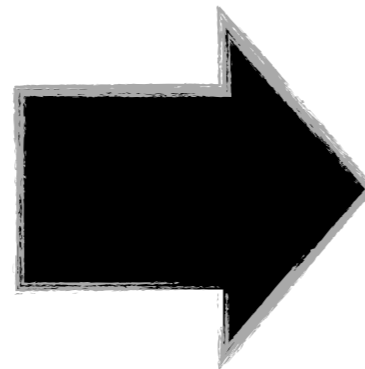
- sector specific ID also for Single Sign On and private use

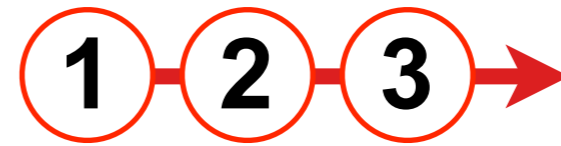
The screenshot displays the HELP.gv.at website interface. At the top, the 'HELP.gv.at' logo is visible on the left, and 'Deutsch | English' is on the right. The main header features the 'E-TRESOR' logo, which is circled in green. Below the logo, there is a navigation menu with options like 'Logout', 'Home', 'Systemmeldung', and 'Hilfe'. A green arrow points from the 'E-TRESOR' logo to a smaller inset screenshot of the 'Suche' (Search) section, which is also circled in green. The main page content includes a welcome message 'Herzlich willkommen!' and several category links: 'Arbeit', 'Bauen und Wohnen', 'Behinderung', and 'Bildung'. On the right side, there is a 'Suche' (Search) box with a search input field and a 'Suchen' button. Below the search box, there is a 'Login' section with icons for 'Karte' (Card) and 'Handy' (Mobile). The footer of the page includes the text 'ÖSTERREICH VERNETZT'.

1 2 3 →

the potential to extend cross border

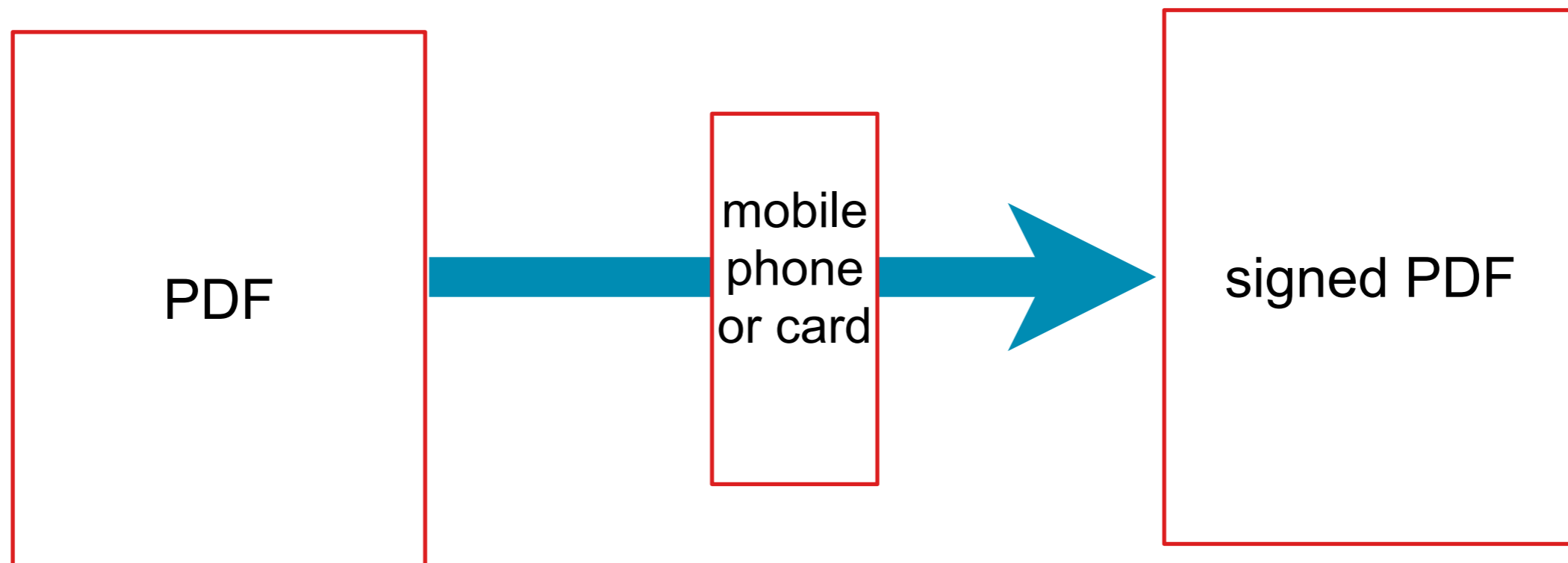
- **STORK** has developed to be a most recognized eID project
- managing eID for several Member States and for **ECAS**
- the future shall include even more MS and non natural persons (**MANDATES**)
- being a mostly legal and liability challenge





document signing

- (PDF) in practice

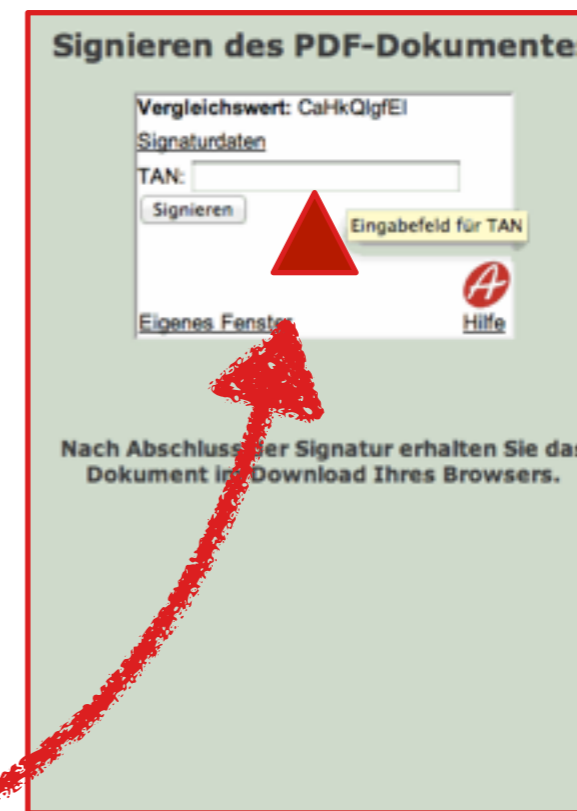
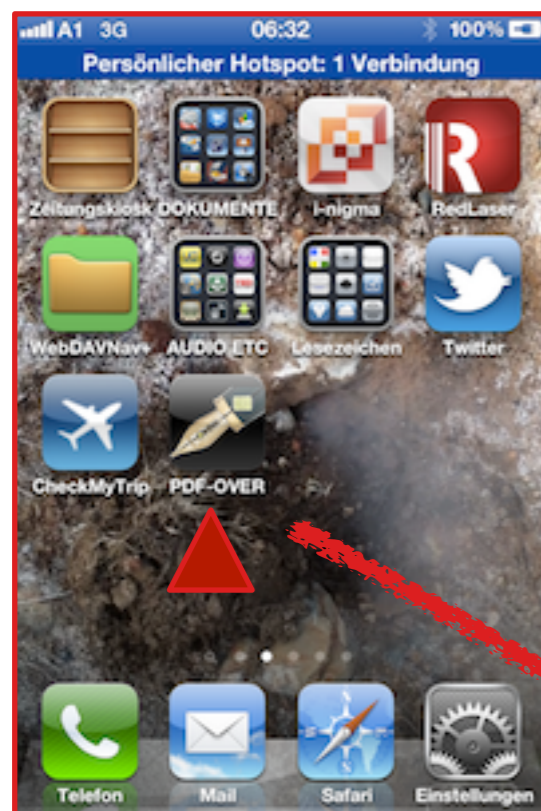


easy and quick - producing qualified (=recognized) signatures

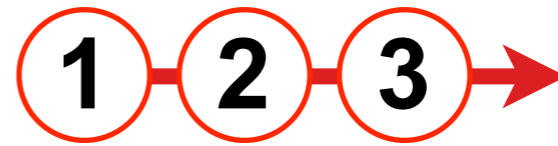
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coping with the dynamics of user devices

- (PDF) in practice - the need to support user's devices



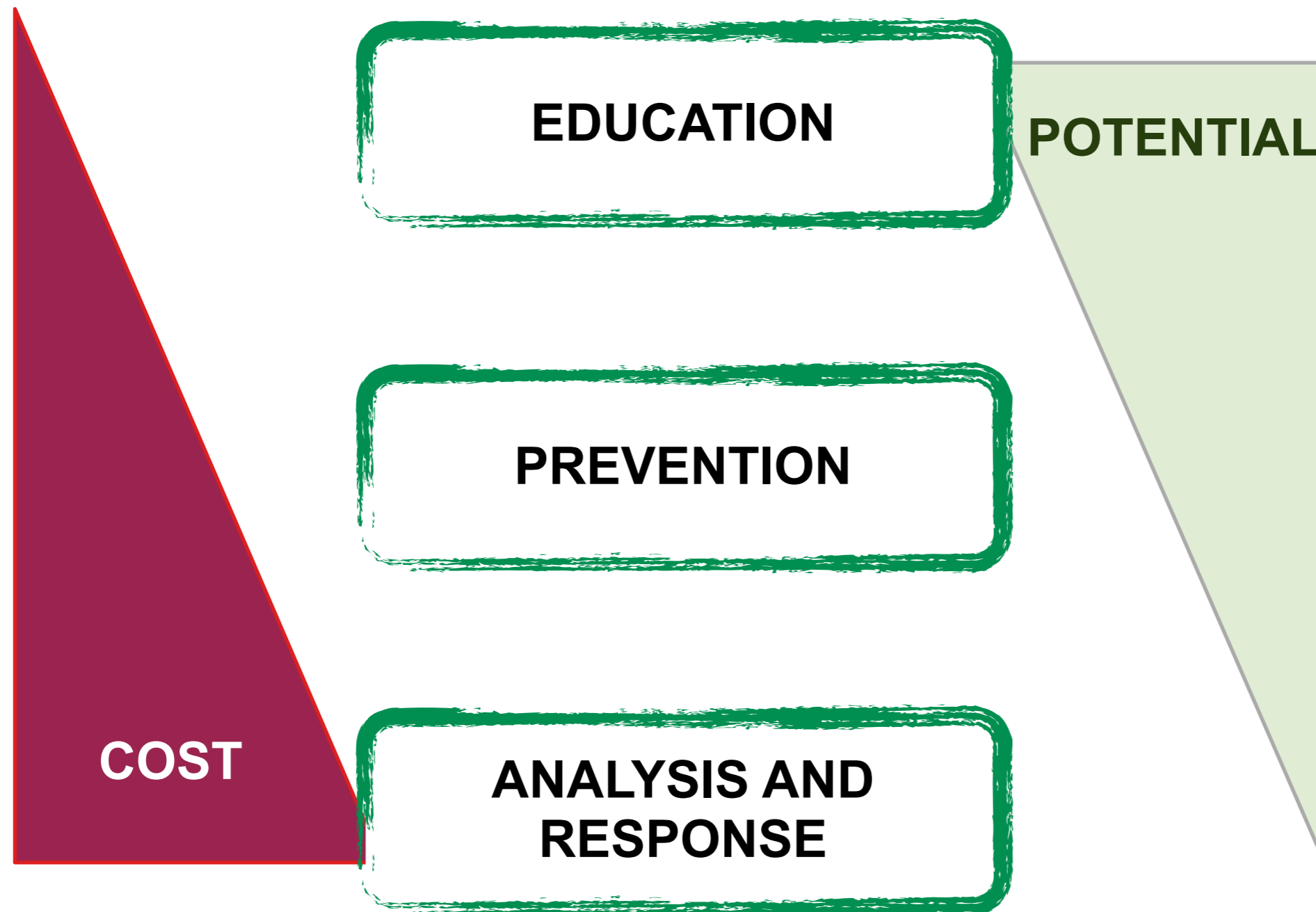
easy and quick - producing qualified (=recognized) signatures



the right for E-DOCS

- A right to receive everything DIGITAL must be the long term goal
- if one single document is non digital the whole workflow becomes non digital or insecure
- the AT approach via the "official signature" is a first step
- the DIGITAL AGENDA should contribute

IT and security becoming CIIP





IT and security becoming CIIP

- SPAM

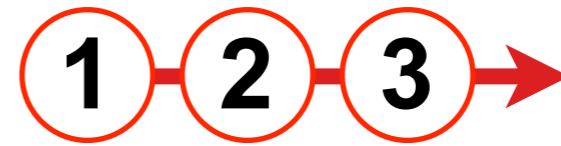
ISP cooperation is needed

we possibly need enhancements with internet protocols

- eBusiness

we need trustworthy areas in the internet





IT and security becoming CIIP

- **THE PRIVATE SECTOR MUST BE ENCOURAGED**
- to **use eID** to protect their intellectual property
- to **use cryptography** to protect their privacy
- to **educate themselves** and the users in order to get security aware
- **SMEs are at major risk especially in times with restricted budgets**



IT and security becoming CIIP

- **WE MUST STRONGLY PROMOTE**
- to install security policies and to make them effective
- to go step by step towards ISO 270xx conformance
- **in many cases not all elements of ISO 270xx are important**
- **the cost being a major hurdle puts an emphasis to 270xx conforming rather than 270xx certified**



IT and security becoming CIIP

- **WE HAVE TO GET FIT FOR THE FUTURE**

- security and the use of the cloud
- security with services put into the cloud
 - technical security
 - organisational security
 - **contractual security**
- security with the engagement in social media
 - awareness especially with the very young and the elderly
- security with mobile devices



Online Security „Situations“

	ANALOGON IN „PAPER“	CROSS BORDER IMPORTANCE	RELEVANT FOR INTEROPERABILITY	LEGAL BASIS
E-signature	EXISTING	HIGH	HIGH	EXISTING, but some elements need to be improved
E-ID	ID Documents	HIGH	National legal frame partly existing; NO legal frame on a general EU level! Most pressing need on mutual recognition and liability/ responsibility	
E-seals/stamps	seals stamps ¹	???	???	NO NEED AT EU LEVEL
E-consent	Consent is a general requirement under civil law codes of all EU Member States. There is no difference in the media used to express consent. Whether a contract is concluded in written form, orally or via telephone makes no difference (except where specific form is legally required). We have the general freedom of choosing the format of contract. No need to regulate “e”-consent.			
Time stamping	FUNCTIONALITY OF NOTARIES	this should be kept with notaries	limited	no need for regulation
E-documents	N.A.	HIGH	HIGH	NOT YET
Certified delivery services	Mail, Official delivery	delivery is at present regulated nationally and through public international law. This does not foresee for e-delivery as such		Partly at MS level
E-Archiving	Archives	NO (internal functionality)	NO (internal functionality)	at MS level



THE FUTURE OF EUROPEAN eID eSIG

- the Commission putting a focus on eID and eSIG (AP3 and AP16 of the DIGITAL AGENDA)
- STORK as the large scale pilot for eID delivers wide reaching information and best practices
- security getting ever more important (e.g. vulnerability with DigitalNotary)
- security being all purpose (e.g. certificates being used with encryption, eID and eSignature)
- cost is a prime factor and cost - benefit considerations need to go hand in hand with risk - security assessments
- security technology must make things possible and easier - cutting red tape is key
- the private sector is a key partner and enable when it comes to take-up
- reasons and incentives must be put in place to use and secure eID and eSignature



Thank You

for your attention

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