



# STORK 2.0

~~Yet~~ another eGovernment interoperability project  
*Not just*



David Mitzman, eGov4Business Pilot Leader

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# Management summary

STORK 2.0 is an EC-funded, Large-Scale Pilot project which is developing a cross-border, federated infrastructure to establish interoperability of national eID mechanisms for natural and Legal persons.



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Companies and business people will benefit with: ★ savings in time & cost for bureaucratic procedures, ★ administrative simplification and lowering of barriers, ★ easier access to online procedures across borders, ★ greater security & privacy,

Public agencies will enjoy greater ★ efficiency, ★ QoS, ★ security, ★ EU-market reach, ★ alignment with EU Digital Agenda

Obstacles are ★ technical, ★ legal, ★ organisational, ★ etc.

The role of Commerce Registers is to ✓ validate company status and ✓ verify powers of authorised representatives

*seen it before,  
heard it before,  
done it before!!*





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*What's new  
or different?*

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*What's new or different?*

STORK 2.0 illustrates how the role of Commerce Registers is changing:

- *greater emphasis on enabling other PA's and helping businesses use cross-border eGovernment services*
- *deeper integration between administrative agencies – not just vertical or horizontal, but "joined-up eGovernment"*
- *micro webservices and micro transactions;*
- *greater "dignity" for Legal Persons eID (data privacy and trust seals)*
- *more semantic interoperability (powers of representation);*

Benefits for Commerce Registers:

*... a better chance for survival in the services jungle!*



**Before the example from STORK 2.0 , let's look at something old from a new perspective ...**





# The Pantheon (Rome) ...



# The Pantheon (Rome) ... as seen by Salvador Dalí



# Raphaelesque head exploding



*"nuclear mysticism"*



*"the search for the  
quantum of action"  
thru painting*





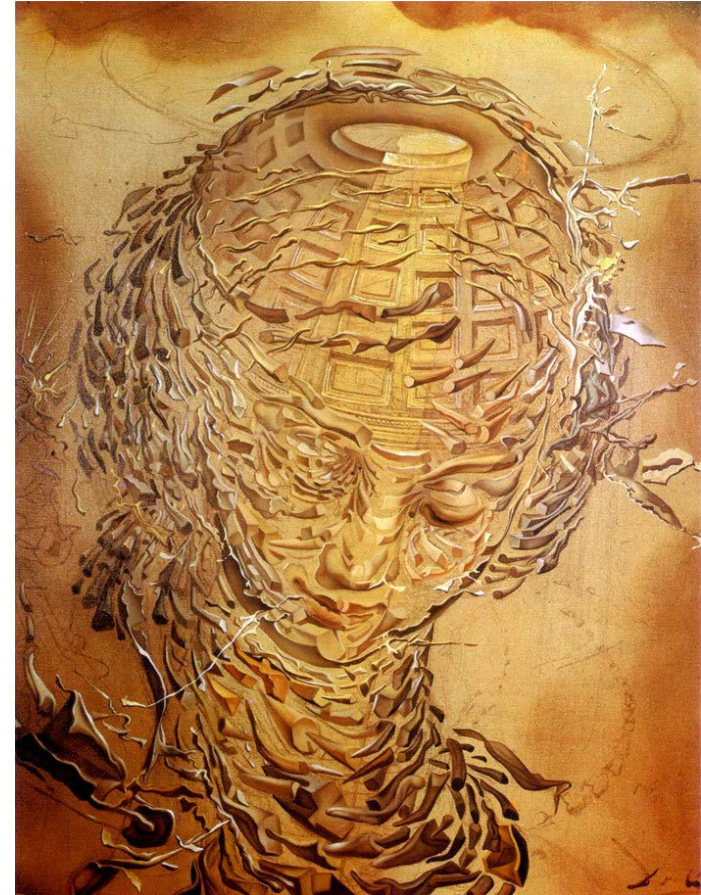
# How can this suggest a new role for Commerce Registers ?

*Register information can enable or enhance online services of other public agencies.*

*Empowering businesses in new contexts like public and private online marketplaces.*

*New ways of delivering (new) services: micro-transactions published as easily accessible, dynamically reusable web services (“open, composable” services).*

*Exploiting the “quantum of PA services” will lead to a more pervasive, integrated network presence.*



# An example from STORK 2.0

Maria Rossi wants to access an eGov (PSC) service on behalf of Maid-in-Italy, Snc.

Maria logs on to the service with her user/passwd and uploads a company certificate previously obtained from the Italian Business Register to the eGov service to demonstrate her power of attorney.



*Let's see what's wrong ...*

- *portal-based user/passwd*
- *credentials uploaded*
- *company certificate*
- *previously obtained*



# An example from STORK 2.0

Maria Rossi wants to access an eGov (PSC) service on behalf of Maid-in-Italy, Snc.

Maria logs on to the service with her *Italian eID card (CNS)* and the *STORK 2.0 infrastructure* contacts the *Business Register* and sends information on the company status and Maria's mandates to the eGov service to demonstrate her power of attorney.



*Let's see what's right...*

- national eID
- credentials retrieved via back-office integration
- specific information is used
- real-time check of powers





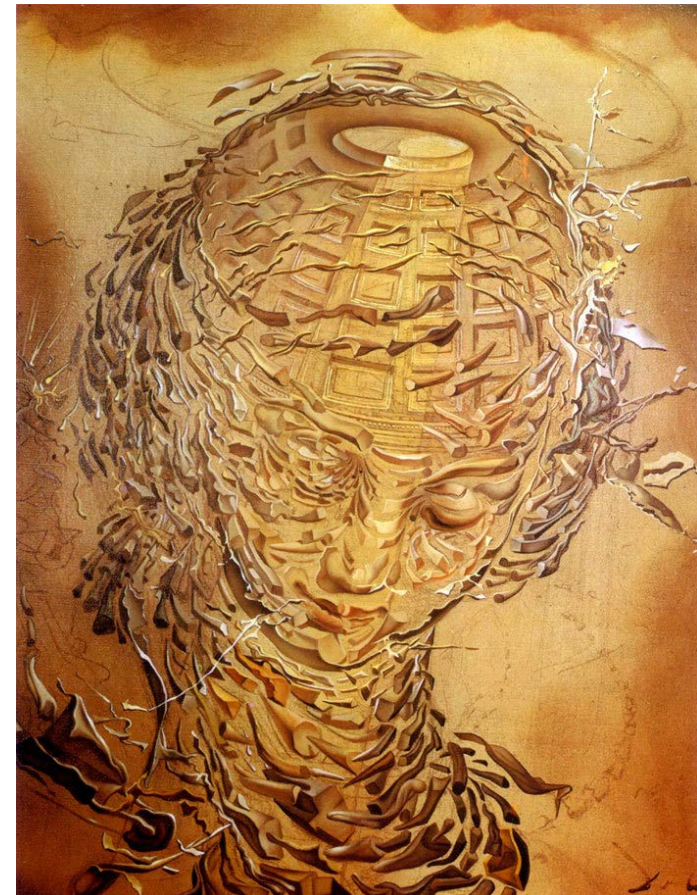
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*What can be improved?*

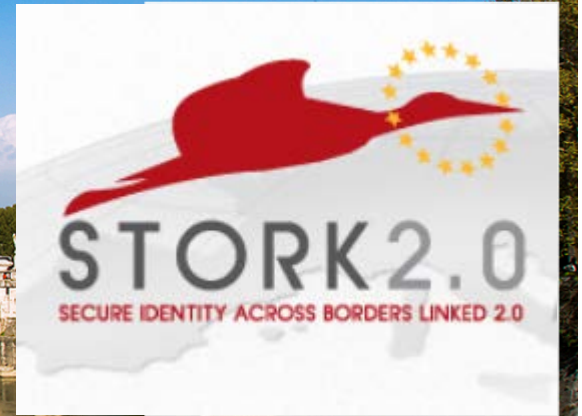
- national eID used by BR in third MS
- credentials retrieved via back-office integration with opportunistic choice of info-provider (optimise costs/quality/...)
- more specific, machine-processable information is used based on EU powers taxonomy
- real-time check and automatic, event-based notification of updates



# Some immediate actions for Commerce Registers & ECRF

- Record “native” IDs and eIDs in the Business Registers for “foreign” owners and officers
- Study “semantic interoperability” of mandates and powers of attorney → a direct extension of the current activities of the ECRF Definitions Workgroup
- Start rethinking service integration in terms of the smallest possible re-usable web services “quanta” → legal and commercial aspects must be considered.





*Thank you for  
your attention!*

David Mitzman @ InfoCamere, Italy