

Regional European Electronic Toll Service REETS DAY

ACTIVITY 4: Back Office Interfaces

Paolo Giorgi/Aiscat Servizi

Brussels – 5/11/2014



Back Office Interfaces & Security policy

Paolo Giorgi (AISCAT Servizi)
Daniel Ohst (Rapp Trans / BMVI)

D 4.1

Definition of Back Office Interfaces and of preliminary tests

D 4.2

Inputs to CEN for the on-going work on the IAP for EN ISO 12855

D 4.3

Report on security requirements in different toll domains and a proposal for a security profile

Topic and related barriers

Back office interfaces:

- ✧ At this stage, the EN ISO 12855 is only a recommended standard in the framework of the Directive 2004/52/CE;

Security Policy:

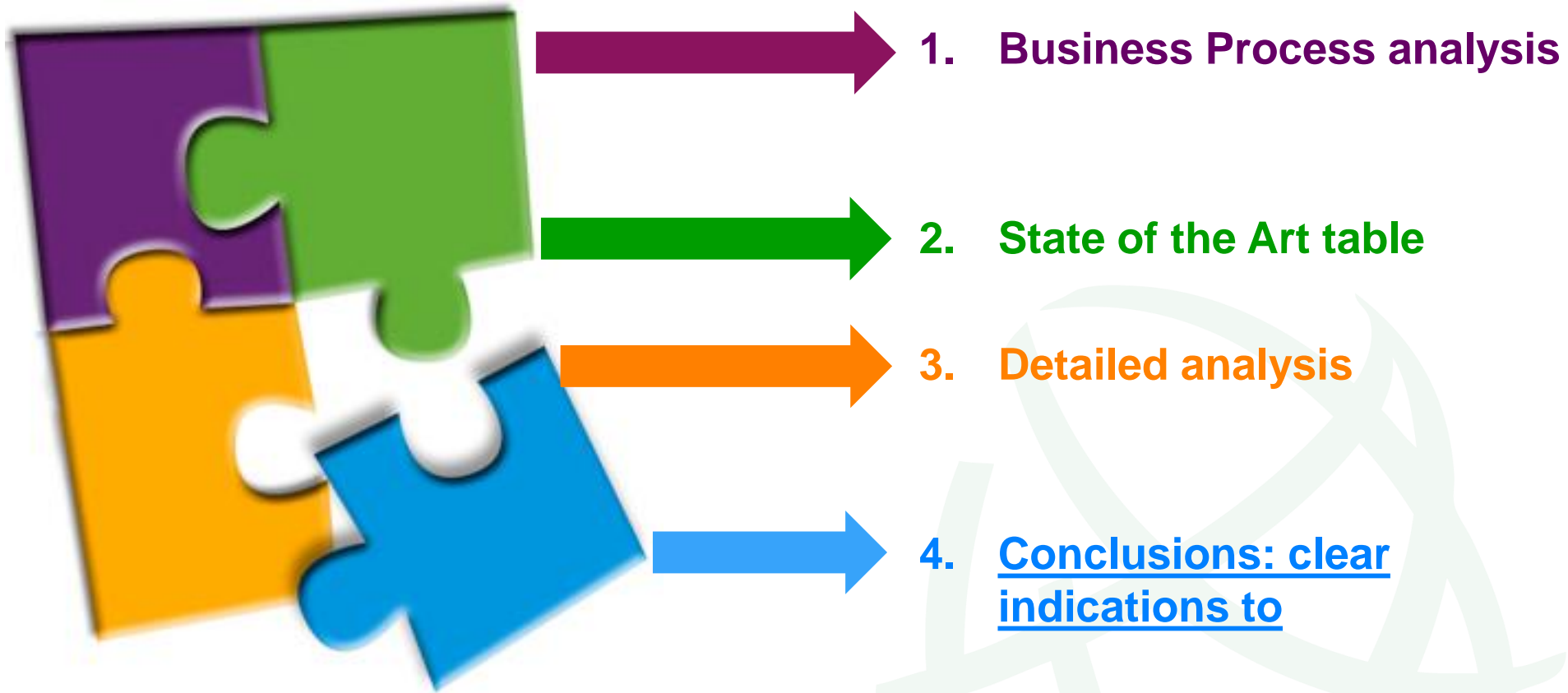
- ✧ There is not yet an agreement on a common definition of a REETS Security Policy in the end-to-end process;

Tests phases:

- ✧ There is a need to know how to merge concepts in the test phase;



WP4 Back Office interfaces: the approach



i. Use the EN ISO 12855;

- ✓The majority of TCs apply EN ISO 12855 (at least partially) for their BO interface;
- ✓Web service and FTP are basis technologies for the BO communication;

ii. Define a common REETS profile to be used in the implementation phase

WP4 Security Policy: the approach



Definition of a REETS Security Policy as a consequence of the State of Art in Toll Domains and previous analyses (CEN TS 16439, now TS 19299):

- 1. Security Objectives;**
- 2. Security environments (Toll Charger, Service Provider, User, External entity, Interoperability Management);**
- 3. Security requirements by classes (Information Security Management System, Communication Interfaces, Data Storage, Toll Charger, Service Provider, User, Interoperability Management);**
- 4. Counter measures to be adopted.**



Activity 4: Results and findings



Benefits of the recommendations...

- Agreement on common definitions for business processes and data in the different scenarios;
- Useful input for possible further standardization activities (IAP);
- Possible reduction of costs for the certification phase and for the prevention of proliferating platforms based upon customizations;
- Definition, organization, assessment, management of REETS security policy statements.



**...as a basis for an enlarged
European playground.**





REETS

Regional European Electronic Toll Service



Co-financed by the European Union

Trans-European Transport Network (TEN-T)