



# CAMSS

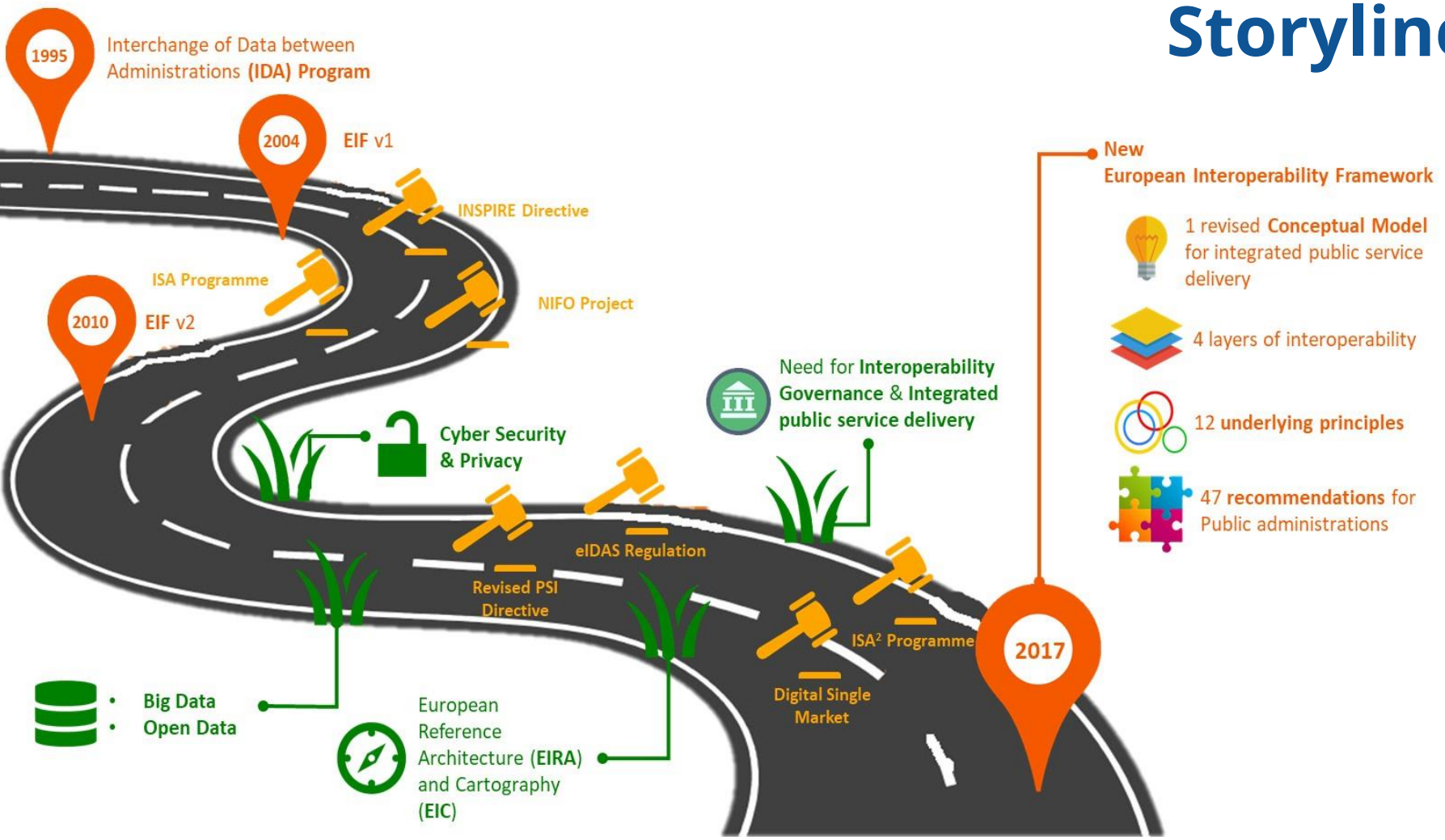
ISA<sup>2</sup> - Action 2016.27

Common Assessment Method for  
Standards and Specifications



# EIF Overview

## Storyline



## The political context: Tallinn Declaration

The Tallinn Declaration recognised that the digital transformation of public administration can be greatly facilitated by interoperability

- 
1. Digital-by-default
  2. Once-only
  3. Trustworthiness and Security
  4. Openness and transparency
  5. Interoperability by default
  6. Horizontal enabling policy steps
  7. Cross-border by default



EU2017.EE



**eGov Ministerial  
Declaration**

## TO IMPROVE YOU NEED TO KNOW WHERE ARE YOU

### Standards & technical specifications

*Profile standards and technical specifications for use in the EU  
Create sample software  
Create testing services  
Create promotion services*

### Building Blocks

*Provide Hosting (infrastructure)  
Set SLAs  
Provide dedicated Ops teams*

### Common Services



## ASSESSING STANDARDS

## ASSESSING EIF CONFORMANCE IN SW COMPONENT

## ASSESSING EIF CONFORMANCE IN PUBLIC SERVICE

## DO YOU STRUGGLE DEALING WITH STANDARDS?





## “Assessment and support on the selection of ICT standards and specifications for eGovernment projects”

- ❖ Provides a list of ICT standards used by EU Member States,
- ❖ Provides a free-access library of assessments performed on ICT standards, technical specifications or even organizations.
- ❖ The Multi-Stakeholder Platform (MSP) led by GROW gave positive opinion on CAMSS to the board of the MSP for the March meeting adoption of CAMSS for the evaluation of standards for the EU Catalogue of ICT procurement standards



1

## USING IT

### *Do it yourself:*

- You have access to **Assessment Resources** - *support to users, improved tools and training resources*

2

## RE-USING IT

### *Reuse Assessments:*

- A growing **Collection of Assessments** - *ready for reuse by the Standardisation Community*
- *List to Member States Catalogues of standards*

3

## CONSUMING IT

### *Request the Service:*

- **CAMSS as a Service** - *provision of assessments on demand*



*"p3. The technical specifications shall be formulated in any of the following ways: in order of preference, by reference to European standards, European technical assessments, common technical specifications, international standards, other technical reference systems established by European standardisation bodies or, failing this, their national equivalents; every reference shall be accompanied by the words "or equivalent"*

(Art. 139 of the Rules of Application of the Financial Regulation)



1

## USING IT

**Business need:** A unit needs to enact an opinion on a standard not previously assessed in the list of CAMSS

**Use case:** The unit enacts the opinion using CAMSS

2

## RE-USING IT

**Business need:** A unit needs to enact an opinion on a standard already assessed in the list of CAMSS

**Use case:** The unit enacts the opinion reusing the existing assessment of the standard in CAMSS

3

## CONSUMING IT

**Business need:** A unit needs support enacting an opinion on an standard

**Use case:** The unit submits request for CAMSSaaS

**Benefit:** Normalization of the process , efficiency, quality, know how increase



- ✓ **Provision of assessments of standards on demand depending on resources availability**
- ✓ **How to request the service? Submit a technical specification or a standard to the CAMSS Team for assessment**

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## STIX and TAXII (OASIS)

### ASSESSMENT SUMMARY

#### OASIS STIX 1.2 and TAXII 1.1 Technical specifications

#### I. Introduction

This document reports to the Multi-Stakeholder Platform on ICT Standardisation, hereafter 'the MSP', on assessments of two technical specifications (TS), **STIX** and **TAXII** of **OASIS**. This assessment has been performed following the CAMSS methodology in full compliance to Annex II criteria set out in the Regulation 1025/2012<sup>1</sup>, hereafter 'the standardisation regulation'. The findings may be used by the MSP to evaluate and provide their advice on STIX and TAXII identification by the Commission for referencing in public procurement as pursuant to articles 13 & 14 of the standardisation regulation.

#### II. Assessment Summary

During our assessment, we found evidence supporting the two TS, STIX and TAXII, satisfactorily compliant with the standardisation regulation Annex II criteria.

**Market acceptance** is evidenced by implementations by more than sixty vendors. Interoperability with EU implementations and standards is evidenced by the choice of XML and HTTPS as base specifications for STIX and TAXII, by liaisons between OASIS and EU standardisation bodies, and by the presence of a STIX/TAXII subcommittee dedicated to interoperability. There is no known or publicly acknowledged interoperability issue between the implementations of STIX and TAXII and implementations of existing European or international standards.

**Coherence** is evidenced by the absence of known existing conflict with EU or international standards, the absence of planned adoption or existing European Standards covering the area of cyber threat data (Cyber Threat Intelligence), and by the recommendation by the European ENISA security agency to adopt a STIX and TAXII-based solution to cover cyber threats.

**OASIS is a non-profit standardisation organisation which follows an open process.** The MSP has already identified TS of OASIS in the past, and positively evaluated the compliance of its process with Annex II criteria.

- a) **Openness** of the TS development process is evidenced on one side by OASIS bylaws, in particular art 12. Section 2 on the qualification of members which allows for any organisation or individual to become a Member and on the other side by the TC process which describes an open balloting process.
- b) **Consensus.** That the decision making process is consensus based and does not favour any particular stakeholder is evidenced by OASIS' policy guidelines on the TC process which describe fair TC voting rules and by the requirement of a public review as part of the approval process (TC process, 3.4).

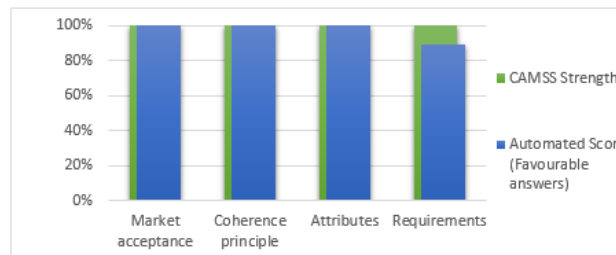
#### III. Assessment Results

This section presents an overview of the results of the CAMSS assessments for both, STIX and TAXII. The CAMSS "Strength" indicator measures the reliability of the assessment by calculating the number of applicable criteria. On the other hand, the number of favourable answers and the number of unfavourable ones are used to calculate the "Automated Score" per categories and an "Overall Score".

##### - STIX

Category	Automated Score	CAMSS Strength	# Favourable	# Unfavourable	# Not Applicable
Market acceptance	100 %	100 %	3	0	0
Coherence principle	100 %	100 %	3	0	0
Attributes	100 %	100 %	6	0	0
Requirements	89 %	100 %	8	1	0
<b>Overall Score</b>	<b>97%</b>	<b>100%</b>	<b>20</b>	<b>1</b>	<b>0</b>

The STIX's assessment, with a 100% CAMSS Strength, demonstrates that the technical specification is fully compliant with the CAMSS MSP scenario assessment criteria and therefore with standardisation regulation Annex II. The Overall Score is 97%; STIX fully meets the criteria regarding Market Acceptance, Coherence and Attributes however it lacks in terms of Neutrality and Stability requirements.



#### CAMSS assessment for STIX

camss\_method\_v1.1.0\_scenario\_msp\_STIX.ods

CAMSS method (v1.1.0) scenario MSP - STIX.xlsm

#### CAMSS assessment for TAXII

camss\_method\_v1.1.0\_scenario\_msp\_TAXII.ods

CAMSS method (v1.1.0) scenario MSP - TAXII.xlsm

#### CAMSS Summary Report for STIX and TAXII

CAMSS SUMMARY REPORT\_STIX\_TAXII (OASIS).docx

## WHAT OUR USERS SAY

# CAMSS

A solution by ISA<sup>2</sup> Programme

"The CAMSS methodology has proved to be useful in the context of the procedure for the identification of ICT Technical specifications by the Commission provided for in Regulation (EU) No 1025/2012 of the European Parliament and of the Council of 25 October 2012 on European standardization."



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