



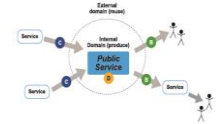
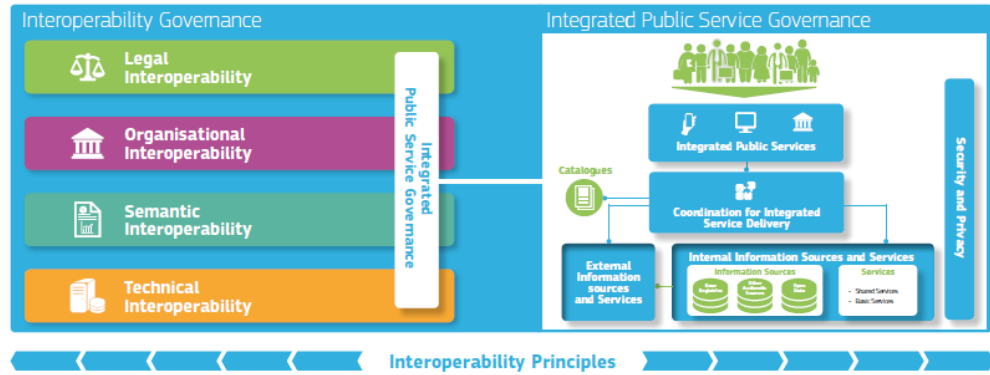
CAMSS

ISA² - Action 2016.27

Common Assessment Method for
Standards and Specifications



The revised EIF Conceptual Model



ASSESSING EIF CONFORMANCE IN PUBLIC SERVICE



ASSESSING EIF CONFORMANCE IN SW COMPONENT



ASSESSING STANDARDS



Market acceptance

- Has the concerned ABC standard been used for different implementations (by different vendors/suppliers)?
- Is the concerned ABC standard referred by public authorities (especially policies or in procurements)?

Coherence

- Is there (a candidate to) a standard of higher level (i.e. European standard) covering the areas of the concerned ABC standard?

Intellectual property rights

- Is the documentation of the IPR for the concerned ABC standard publicly available?
- Is there a clear and complete set of license terms?

Openness

- Does the concerned ABC standard address and facilitate interoperability between public administrations?

Quality

- Have the underlying technologies for implementing the concerned ABC standard been proven, stable and clearly defined?



“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 a 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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This service is supported by **ISA D2**, the responsible project officer is **Raúl Mario Abril** and the contact telephone number is **+3222958003**

By no means will CAMSS assessment imply any direct or indirect endorsement of the EC to the assessed specification.



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 1025/2012¹, 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).

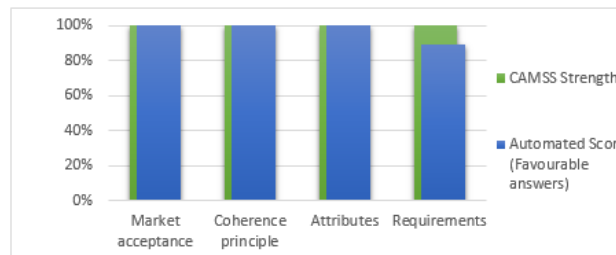
III. Assessment Results

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
Overall Score	97%	100%	20	1	0

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.xls
 CAMSS method (v1.1.0) scenario MSP - STIX.xlsx

CAMSS assessment for TAXII

camss_method_v1.1.0_scenario_msp_TAXII.xls
 CAMSS method (v1.1.0) scenario MSP - TAXII.xlsx

CAMSS Summary Report for STIX and TAXII

CAMSS SUMMARY REPORT_STIX_TAXII (OASIS).docx