

TIMAPS VALUE PROPOSITION

TECHNICAL INTEROPERABILITY MATURITY ASSESSMENT OF A PUBLIC SERVICE



DESCRIPTION WHAT IS TIMAPS?

Technical interoperability refers to systems and services that link applications and infrastructures (via interfaces, data integration services and secure communication protocols).

- TIMAPS is an online self-assessment tool that allows public service owners to **evaluate the behavioural interoperability maturity** of their digital public services from the **technical interoperability viewpoint**.
- TIMAPS provides an **interoperability maturity score** combined with recommendations and good practices for improving the **overall technical behavioural interoperability maturity** of digital public services.



AUDIENCE FOR WHOM IS TIMAPS RELEVANT?

- IT Requirements Managers** | to analyse and assess the functionalities of a To-Be digital public service.
- IT Architects** | to design, develop and assess an interoperable software solution for a digital public service.
- IT experts** | to get insights on the future technical necessities and possibilities for a digital public service.

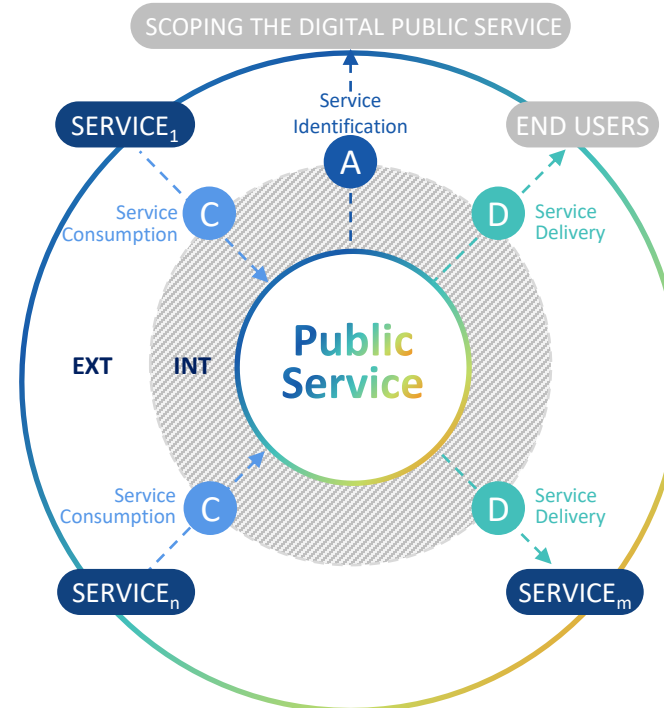


BENEFITS WHY USE TIMAPS?

- Ensures alignment of digital public services with the standards of the **European Interoperability Framework (EIF)**.
- TIMAPS provides **insight into the current interoperability maturity**, as well as guidance for the design of future digital public services.
- TIMAPS** can be used for assessing the **technical interoperability of any digital public service** in the EU e.g., assessment of an eGovernment portal that uses open standards such as XML, SQL and HTML.

TIMAPS CONCEPTUAL MODEL

The TIMAPS conceptual model describes all possible instances where **interoperability with the outside world may occur from the digital public service viewpoint**. It distinguishes between:



- INT** INT = **internal domain (PRODUCE)**: the organisation produces the public services
- EXT** EXT = **external domain (REUSE)**: the digital public service reuses existing services from other administrations and/or businesses

END USERS: citizens, businesses and other public administrations or be consumed by another service

DIGITAL PUBLIC SERVICE COMPONENTS

The TIMAPS assessment captures three different service areas:

- A Service Identification**: scopes the digital public service e.g., service outcome, service owner, administrative level, etc.
- C Service Consumption**: focuses on the technical means for the delivery of the digital public service to its end users or other services e.g., data exchange patterns, technical documentation, etc.
- D Service Delivery**: focuses on the technical means for the consumption of the digital public service from other services e.g., channels, integration, etc.



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