Trillium Bridge

KISS[[1]](#footnote-1) approach for Piloting Countries :)

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|  | **DESCRIPTION** | **EXAMPLES** |
| **SERVICES** | High level Use Case | 1. Patient Summary
2. Health Care Encounter Report
3. Patient Access
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| **USE CASES** | Granular Use Case | 1. As Health Professional, I can REQUEST for a Patient Summary and READ it onscreen
2. (new) As Health Professional, I can LOAD a Patient Summary from and external storage and READ it onscreen
3. As Health Professional, I can ELABORATE and DISPATCH a HCER from a consulted patient
4. (new) As Health Professional, I can ELABORATE HCER and SAVE it to an external storage
5. As Health Professional, I can RECEIVE a HCER and READ it onscreen (own language)
6. (new) As Health Professional, I can LOAD a HCER from and external storage and READ it onscreen
7. As Patient, I can REQUEST for my Patient Summary and READ it onscreen
8. (new) As Patient, I can LOAD my Patient Summary from external source and READ it onscreen
9. (new) As Patient, I can SAVE my Patient Summary to a PERSONAL storage.
10. (new) As Patient, I can LOAD a HCER from external source and READ it onscreen

**Other use cases**1. As a Patient, I can TRANSFORM my EU Patient Summary to an US Patient Summary.
2. As a Patient, I can TRANSFORM my US compliant HCER to an EU HCER
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| **SCENARIOS** | Use case instantiation | * PROVIDER mediated, means that the Health Professional obtains the clinical data by using the HER (connected to country A), with the patient consent.
* PATIENT mediated, means that the citizen itself is responsible for obtaining and deliver the clinical data to the Health Professional

(*the complete PATIENT story is described in a different document: TrilliumDemonstration\_Boston*) |
| **Clinical Profile** | Clinical data associated to a specific citizen | - Paolo (European citizen), goes to US- Martha (USA citizen) goes to EU |
| **Patient** | Human Actor | Patient: individual from a country (“country of origin” – country A) requesting healthcare in another country (“country of treatment” – country B). |
| **Health professional** | Human Actor | The one who provides healthcare. The health professional must be registered with at least one professional healthcare organization or health authority belonging to the country in order to identify him or her unequivocally. |
| **Country perspective** | Country A Country B | Country A – country of patient origin;Country B – country of treatment;  |

**What an EU nation is expected to deliver for European citizens (Paolo “clinical profile”)?
(Acting as Country A – Patient country of affiliation)**

1. Enable TrilliumBridge Gateway on Central Services (as new country);
2. Country NCP up and running
	* In Test Environment;
	* Synced with MVC/MTC (central service);
	* Synced with Connection Settings (central service);
	* Open VPN channels between countries and the Trillium Gateway;
	* Adjust the PORTAL in order to present the new country/org (i.e. US-KP);
3. Provide Patient Summary service (as country A) as specified on epSOS;
	* Provide, by request (country-B), a “Paolo Clinical Profile” patient;
4. Receive a HealthCare Encounter Report (as country A) as specified on epSOS
	* Process an incoming HCER and deliver it to the National Infrastructure (NI
	* [ACTION – Country specific] As Health Professional, I can search and READ onscreen (own language) a RECEIVED HCER.
	* [ACTION – Country specific] As Health Professional, I can LOAD and READ onscreen (own language) a RECEIVED HCER.
5. Enable Patient Access (by national portal – country specific) to his Patient Summary as specified on epSOS;
	* Ability to DISPLAY the Patient Summary in own or other designated language;
	* Ability to SAVE (export) the Patient Summary to an external storage in different formats (e.g. XML CDA, PDF or HTML) in own or other designated language;

**What an EU nation is expected to deliver for Americans?
(Acting as Country B – Patient destination)**

1. Enable TrilliumBridge Gateway on Central Services (as new country);
2. Country NCP up and running
	1. in Test Environment;
	2. Synced with MVC/MTC (central service);
	3. Synced with Connection Settings (central service);
	4. Open VPN channels between countries and the Trillium Gateway.
3. Enable HealthCare Professional Access to Patient Summary as specified for epSOS
	* Ability to SEARCH for a certain Patient (USA patient ID scheme) and RETRIEVE his unique identifier, Document lists and then retrieve Patient Summary;
	* Ability to DISPLAY the Patient Summary in Health Professional natural language (CDA PS level 3) or the original document (CDA PS level 1);
4. Enable HealthCare Professional to IMPORT (IHE XDM) the Patient Summary as specified for epSOS
	* Ability to DISPLAY the Patient Summary in Health professional natural language (CDA PS level 3) or the original document (CDA PS level 1);
5. Enable HealthCare Professional to ELABORATE an HCER
	* Ability to electronically REGISTER HCER information, as specified for epSOS;
	* Ability to DISPATCH HCER to patient country of affiliation (USA-TrilliumGateway);
1. KISS principle: “Keep it Simple, Stupid”, <http://en.wikipedia.org/wiki/KISS_principle> [↑](#footnote-ref-1)