

IO ICD Workshop with Member States

27/01/2022

Agenda

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Link management presentation

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Key questions/feedback from MS on ICDs

1 |

Link management presentation

Link Management

- <Topic covered in a separate presentation>

2 |

Key questions/feedback from Member States on ICDs

Fallback

How will the system work during fallback?

| Author | MS Comment | Reply |
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| FR | <ul style="list-style-type: none">- Could you confirm us that in case of fall-back, the user will connect to CIR via a query handler to retrieve personal data? Or will the user have to connect to each CBS to access personal data ?- Concerning the identity data, will it remain stored in the CBS, or will it be centralized in the CIR? Concretely, if only EES is queried via the ESP, will the identity data be returned or only the business data? | <p>In case of ESP fall-back it will be possible for a NS to perform queries in CBSes or in CIR directly. So, a national connection to the different CBSes should remain for the case that ESP is unavailable. The NS will send requests directly to queried systems through the ESP Query Handler, which will be deployed in the respective system.</p> <p>In fall-back the Query Handler in each CBS will also query CIR for the requested Identity Data and provide a consolidated "Business and Identity Data" response to the NS.</p> |

Fallback

Is CIR a single point of failure?

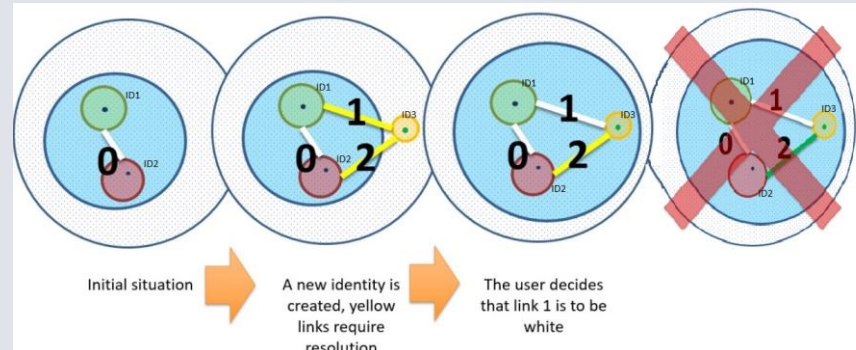
| Author | MS Comment | Reply |
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| FR | Could you give us more details about the possible unavailability of the CIR : - What happens if the CIR is unavailable? Is a back-up mode envisaged? Or will each CBS have to be consulted directly via the ESP profiles that do not request the CIR? | <p>The CIR is an active-active system, for the CIR to be unavailable it means it would need to be offline on all the sites where it is deployed (currently 2 sites).</p> <p>This is similar to the sBMS.</p> <p>An efficient backup mode (able to cope with the unavailability of the CIR system in its globality) would mean the duplication of data outside of the CIR, an approach which has legal and technical challenges.</p> |
| SE | We just want to get this clarified. CIR will replace the personal data in CBSs, right? That means that the migration of the CBSs will include removing personal data from all records and transfer that to CIR? Does that mean that the Traveller File in EES will no longer have a reference to TravelDocuments? And that means that CIR will be a single point of failure for most CBSs? | <p>The personal data from CBSes will be transferred to CIR. This means that personal data will not be stored anymore in each CBS.</p> <p>CIR will contain Identity Data, Travel document data and Biometrics Data.</p> <p>So the data of the TravelDocuments stored in EES will be later stored in CIR.</p> <p>CIR will be the only system containing Identity Data so in case of unavailability the CBSs will not be able to operate fully.</p> |

Yellow links functionality

| Author | MS Comment | Reply |
|--------|--|--|
| FR | Following the creation of one or more yellow links, a notification is sent by the CBS to the MS concerned. Is it possible to confirm that each notification from a CBS will be described in the ICD of the corresponding CBS? | We confirm |
| FR | For the processing of yellow links by the ETIAS National Unit in connection with ETIAS travel authorization applications, are there plans to make the MID Transitional Tool also available to National Units or to use the ETIAS National Unit Software to handle the yellow links? | The MTT will be provided to Frontex only. SIRENE Bureau will be provided with the CIR ICD & ESP ICD. SIRENE Bureau will have to develop a solution to connect to those ICDs. This was discussed and confirmed during the October 2021 IO AG. |
| FR | In the context of the interoperability VIS-EES, the VISA system can create and can update the EES system. If during this update of EES a yellow link is created, who is considered the originating VIS or EES system? Since it is the system that created the link that receives the notification. | The update done in EES by the VIS system does not concern personal data stored in the CIR but visa information and as such will not trigger a MID process |
| FR | <p>In the new version of the CIR/MID ICD shared on the 6th of December, in the “3.1.1 Diagram” and “3.1.2 Communication” sections, it is explained that the notification of a yellow link will be communicated to the NS through the ESP.</p> <p>We have been following the subject of the notification of yellow links though the CBS since June 2021 and in December 2021, the Interoperability Advisory Group gave its opinion in favour of the decoupled notification of yellow links through the CBSs. We have been surprised to find this in the new version of the ICD, is it because this section has not been updated yet ?</p> | A diagram error. |

Links over groups

| Author | MS Comment | Reply |
|--------|---|--|
| FR | <ol style="list-style-type: none"> Referring to the schema of ICD IOF, could confirm us that a link is created between each Identity Group (IG) among one or several Individual file (ICF) ? Which implies in the given example of the ICD that when a new ID3 is added, the authority responsible will received the notification for two yellow links (between ID1-ID3 and ID2-ID3) ? If the above is correct, could you confirm us that, in order to ensure the consistency of the links, the authority responsible for assessing the yellow link must not only process the yellow link but check the other links related to the Identity Groups (in the given example the with link between ID1 and ID2) ? | <ol style="list-style-type: none"> We confirm. We also add that each link will be associated with a unique Identity Confirmation File. We cannot confirm, current understanding is that the usage of the profiles associated to the manual verification only grant access to the one yellow links and the data of the linked identity groups |
| SE | <p>If update would introduce incoherency into MID data store update is cancelled and authority is notified. Then the assessment is done again.</p> <p>How will this process work? Will the call to CIR that updates the link return a new yellow link or will some kind of exception be raised? Or will this be a synchronous response to the call.</p> | <p>The responsible authority will receive a new notification that the update of that specific link causes inconsistency so the update cannot be performed.</p> <p>This is a synchronous response to the call. Even if this times out the user can retry to update the link and will receive the inconsistency error again.</p> |



Biometrics

| Author | MS Comment | Reply |
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| FR | <p>In a document received from Frontex a workshop between Frontex and the Member States, there is a discussion about the thresholds for the biometric matches. One threshold above which the matches is a definite match and two thresholds in between which there is a grey zone on whether it is a definitive match or not.</p> <p>Will those thresholds only be defined for the ETIAS Central Unit during the MID transition period, or will those threshold be shared with the MS after the transition period?</p> | <p>The sBMS will make use of one threshold to establish the decision in regards of 'same' or 'not identical' biometric data.</p> <p>The matching score compared to this threshold can be provided for in the yellow link in order to allow any authority to further compare it to other thresholds as part of their business process.</p> |
| DE | <p>Handling of biometric data is not defined</p> <p>Details about the necessary format and contents of the biometric files is missing in the ICDs</p> | <p>sBMS structure will be used.</p> <p>CIR will not manipulate the files containing the biometric data. It will just send the files into the sBMS system and receive the result of the matches.</p> |

Sharing of information

NUI, WebServices or gRPC is used?

| Author | MS Comment | Reply |
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| DE | gRPC or XML for CIR interface? According to prior workshops, gRPC should only be used for the ESP. Why are there protobuf definitions in the CIR ICD? | The decision is for CIR to also use gRPC. |

Queries

| Author | MS Comment | Reply |
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| FR | Could you please be more specific on how law enforcement authority should access the CIR directly and how national application should interact (type, message, format, reference to ESP). | <p>Law enforcement authorities should query CIR through ESP.</p> <p>The Queries supported by ESP are described in the <i>ESP ICD</i> and <i>CIR Query ICD</i></p> <p>Law enforcement authorities will be able to directly send Queries to CIR instead of ESP during fall-back. The same interface provided by ESP will be provided by CIR but the response will be limited only to data available in CIR.</p> <p>Link management will be available only by CIR as described in the <i>CIR External ICD</i>, this interface will be accessible through NUI and if NUI is not available in the MS then through gRPC provided by CIR.</p> |

General questions

| Author | MS Comment | Reply |
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| FR | <p>In order to perform CIR operations (CIR.UpdateLink & CIR.Query(fall-back)), MS need to connect to the CIR directly.</p> <p>Can you confirm that this connection will have to be made during the MID transition phase in 2024?</p> | <p>The connection for the purpose of updateLink is required from the SIRENE bureau of each MS at the start of the MID transitional period.</p> <p>The connection for the purpose of the Query(fallback) is required from each community of each MS which has already integrated with the ESP during the ESP transitional period.</p> |
| FR | <p>Why the 'Multiple identity detection' step of the 'Data processing section has been removed without replacement ? Does it means that automatic white links will not be created anymore ?</p> <p>On the topic of automatic white links, could you confirm us that there will be NO notification for the creation of automatic white links to designated authorities ?</p> | <p>This step had been removed as a result of a review cycle, however in the new version, to be delivered, it has been added again with a simplified description of the MID process. Automatic white links will be created for the identical matches.</p> <p>Regarding the notifications, the current decision is that notifications will not be sent for white links.</p> |

