

Proposal of an open linked
vocabulary to solve semantic
interoperability problems in
social security information
exchanges

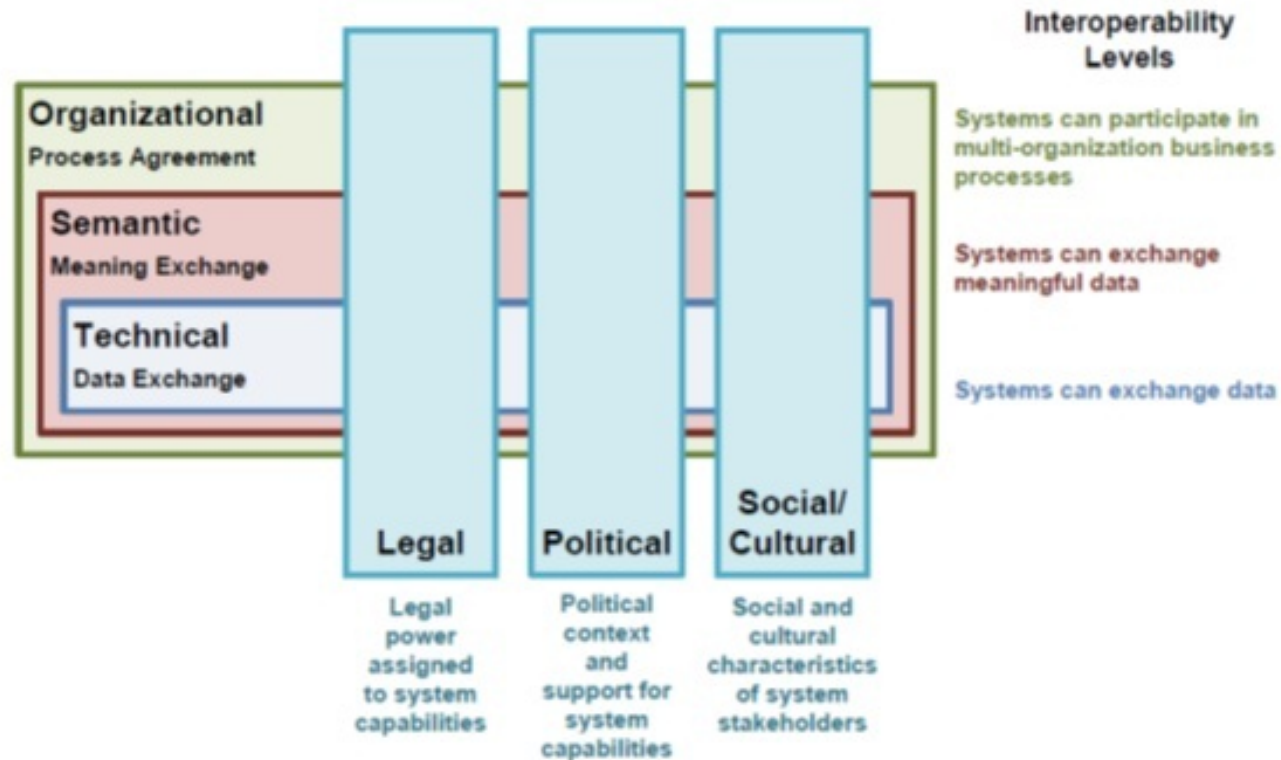
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Interoperability in social security

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4. Why to use vocabularies
5. Conclusion

Interoperability in social security

1. Introduction



Source: ISSA Interoperability report

Interoperability in social security

2. Interoperability in social security

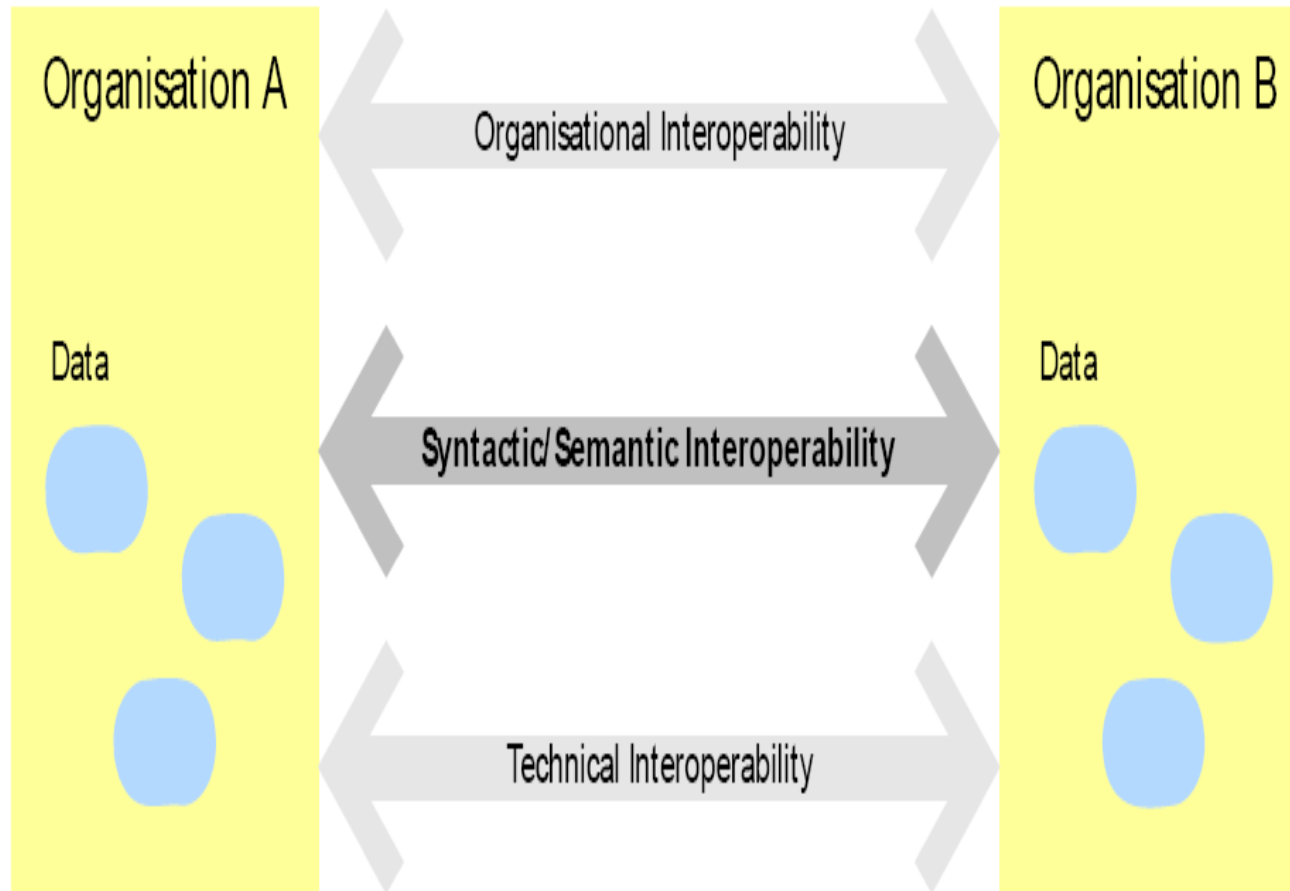
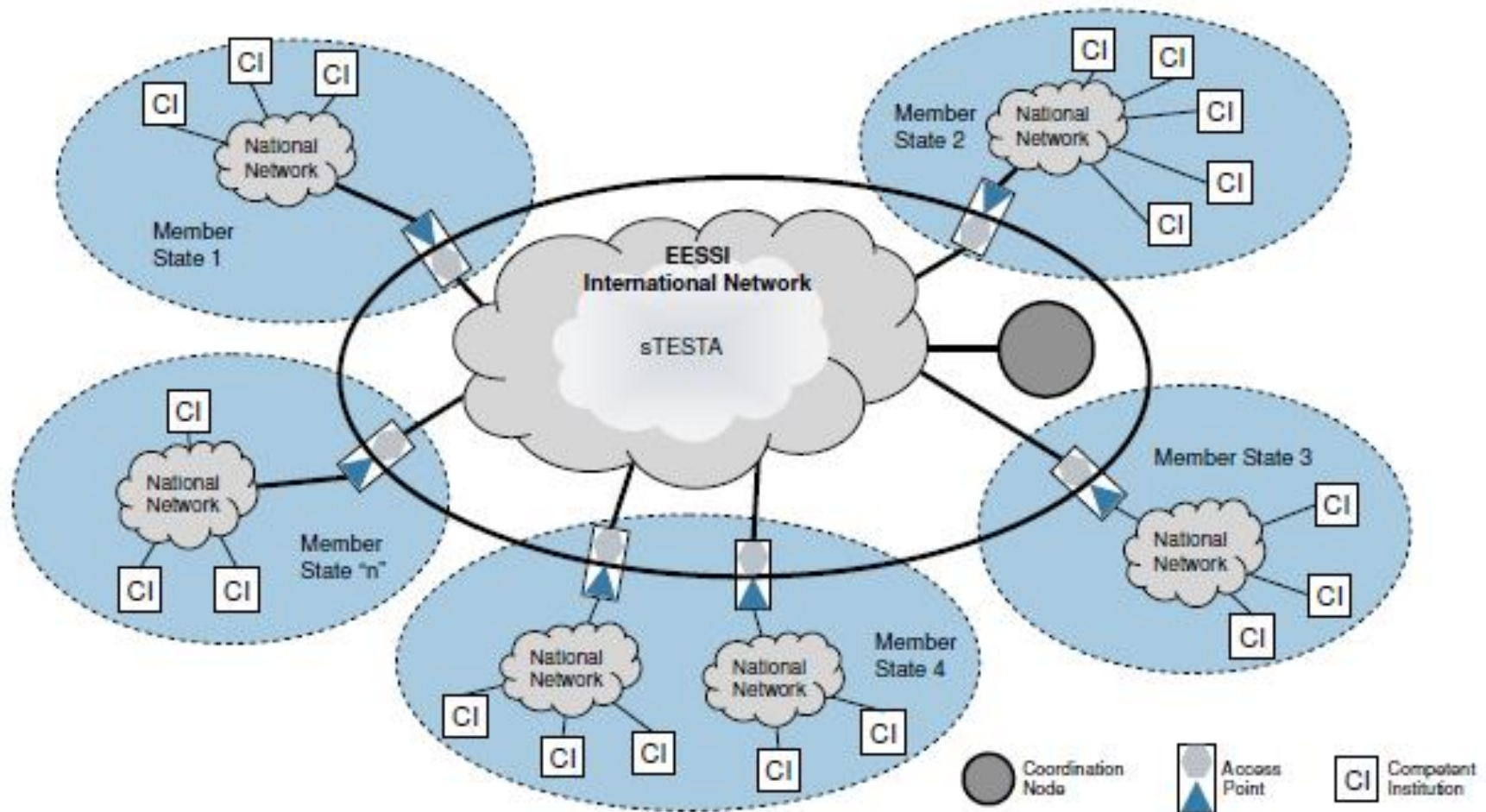


Figure 1: Layers of Interoperability

Interoperability in social security

3. European Union case: EESSI Project



Interoperability in social security

4. Why to use vocabularies

- Semantic conflicts
- Controlled vocabularies
- Glossary of Terms
- Metadata
- Ontology?

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5. Conclusion

- European social security institutions will have to agree semantic specifications.
- European social security institutions should consider applying level 2 metadata policies
- Glossary of terms could be the starting point but is not enough.
- Linked open vocabulary should be considered