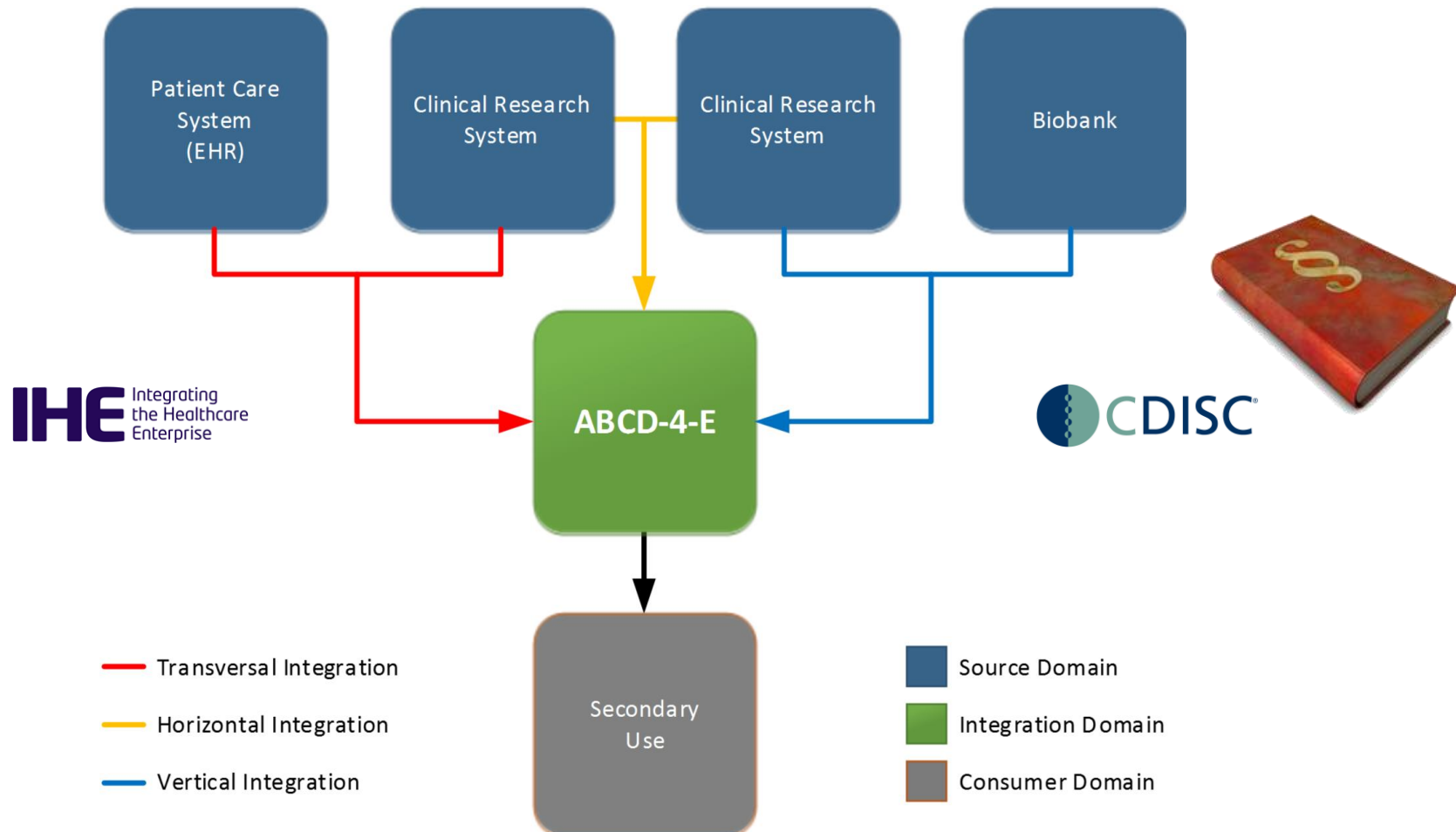


Architecture for an Advanced Biomedical Collaboration Domain for the European Paediatric Cancer Research Community (ABCD-4-E)

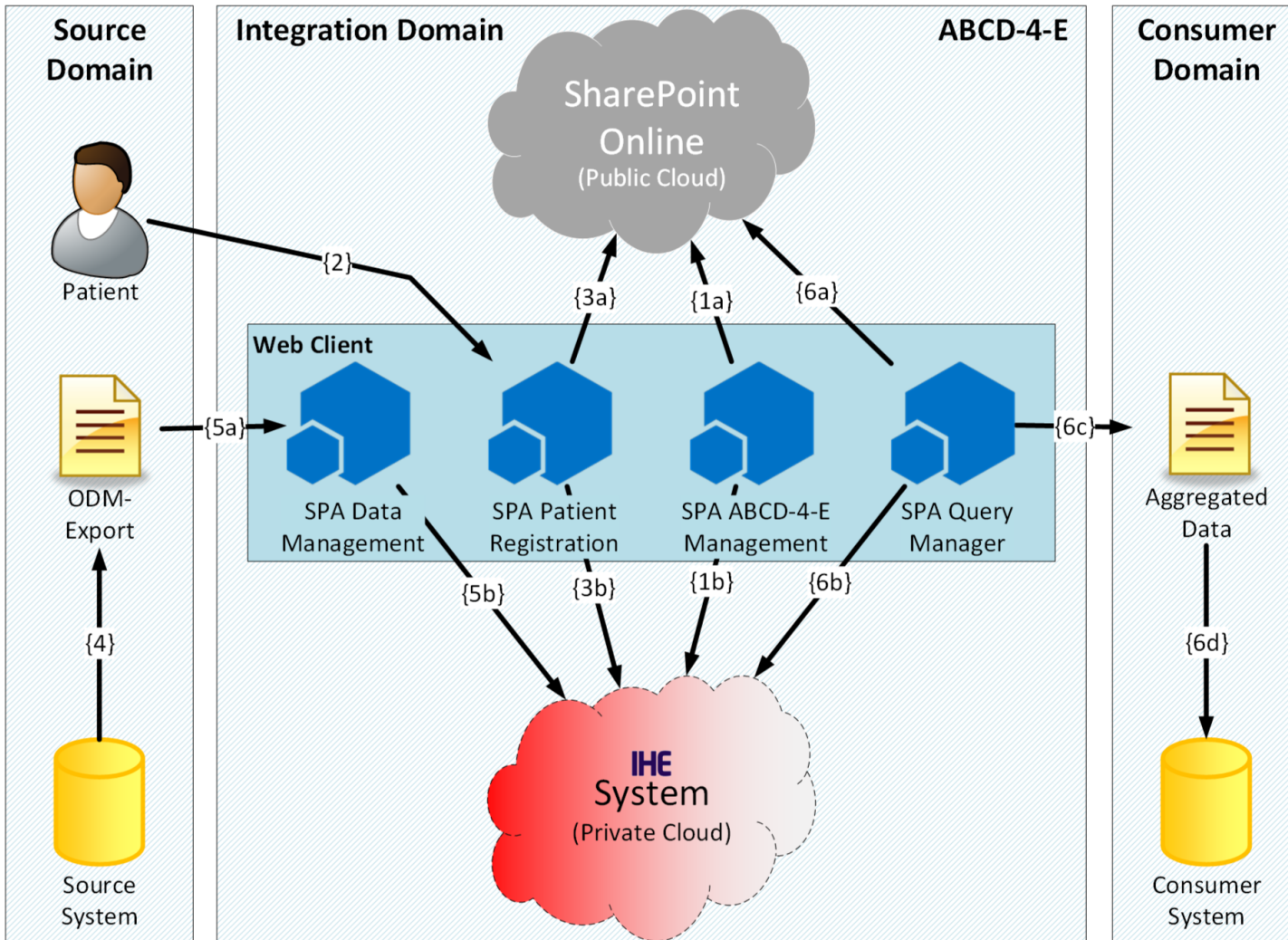
M. NITZLNADER, M. FALGENHAUER, C. GOSSY, and G. SCHREIER
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Basic concept of the Advanced Biomedical Collaboration Domain for Europe (ABCD-4-E) - Secondary Use Approach



ABCD-4-E Solution Architecture



Conclusion

- **ABCD-4-E → data from different source domains** (healthcare, clinical research and basic science) **for secondary use**

- **Standards** (ODM, Terminologies, ...) → **Semantic Interoperability**

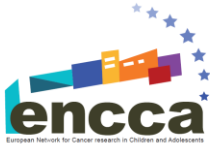
N. Hochedlinger, M. Nitzlnader, M. Falgenhauer, S. Welte, et al.

Standardized Data Sharing in a Paediatric Oncology Research Network – A Proof-of-Concept Study. *Studies in health technology and informatics*. 2015; **212**:27-8.

- **EUPID-Concept → Fulfilment of legal requirements**

M. Nitzlnader, G. Schreier. Patient identity management for secondary use of biomedical research data in a distributed computing environment.

Studies in health technology and informatics. 2014;**198**:211-8.



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