

HORIZON-HLTH-* Calls

We have extensive experience in Data Integration, Cleaning & Privacy in Healthcare as well as AI/Machine Learning in Healthcare.

Data Integration & Privacy in Healthcare

- Data integration expertise: Standards & ontologies (SNOMED, HL7 etc.)
- Privacy expertise:
 - Data protection standards (HIPAA, GDPR etc.)
 - Data privacy methods (differential privacy, k-anonymity, l-diversity, t-closeness etc.)
 - Hardware support (hardware enclaves) for privacy enabled data processing

AI/Machine Learning in Healthcare

- Data quality for healthcare data
- Supervised/unsupervised machine learning, Reinforcement learning, Deep learning
- Machine learning on secure, privacy-enabled hardware (Intel SGX and similar)
- Federated machine learning

Applications/use cases include integration of clinical data (cardio) in multiple hospitals across Europe, anonymisation of clinical data in hospitals in Switzerland for research, large-scale genome-wide association studies using hardware encryption on genomic data, collaboration on AI supporting IVF/ART on fertility data, collaboration distributed/federated machine learning on clinical data

Administrative Information

Heinis Consulting, an SME, looking to be a partner

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