

Section 1 - Contact details

Organisation Name (full name)	SERVIZI SANITARI SRL
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Section 2 – Sector of interest

Work programme	Horizon Europe Work Programme 2026–2027 – Cluster 3: Civil Security for Society
Topic according to the work programme	HORIZON-CL3-2026-02-CS-ECCC-02 – Enhancing the Security, Privacy and Robustness of AI Models and Systems (SecureAI)

Section 3 - Description of the expertise and/or project idea

Description of the expertise (max 2.000 characters)	Italian private healthcare provider accredited by and contracted with the National Health Service, with a longitudinal digital clinical data asset covering approximately ten years and more than 10,000 patients, plus an additional historical paper archive of approximately ten years. The organisation can provide a real healthcare pilot environment, early involvement of medical users, operational and workflow requirements, data-quality and governance scenarios, and controlled validation. Its on-premise infrastructure is being strengthened through a documented NIS2-oriented programme and the careSOC framework, with a careSOC device supporting local observability, evidence collection and security governance. Key capabilities include continuity-of-care constraints, privacy- and security-by-design, local control of sensitive data, interoperability, human oversight, feedback collection and reduced technological lock-in.
Description of the project idea	Development and real-world validation of a sovereign on-premise Private AI infrastructure for secure use of longitudinal healthcare data. The pilot would combine the existing ten-year digital clinical data lake with the controlled industrial digitisation, classification and quality validation of a further ten-year paper archive. It would support privacy-preserving retrospective research, human-supervised clinical decision support and longitudinal outcome analysis while validating resilience against data poisoning, backdoors, adversarial manipulation, unauthorised access, leakage and misclassification. Sensitive data and computation would remain under local governance inside a careSOC-protected secure processing environment. Implementation would include clinical workflow co-design, role-based AI literacy, shadow-mode testing, continuous human feedback and staged go/no-go gates. Validation would measure robustness and privacy together with clinical usefulness, user adoption, workload impact, explainability and organisational sustainability. A federated European model would bring authorised algorithms or queries to the data and share only controlled or aggregated results, supporting future EHDS-aligned secondary use. The organisation seeks a mature consortium with Private AI, cybersecurity, healthcare research, interoperability, privacy, ethics, human-factors and health-technology-assessment expertise.

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