Media Release

New Singapore Standards to Strengthen the Interoperability of Digital Solutions for Public Healthcare

- *Startups will have access to new standards and guidelines on Synapxe HealthX Innovation Sandbox 2.0*
- *Open Call for Ideas launched to tackle real-world challenges in public healthcare*

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31 October 2025, Singapore – Synapxe, the national HealthTech agency has collaborated with the Centre of Regulatory Excellence - Standards Development Organisation (CoRE-SDO) and Enterprise Singapore (EnterpriseSG), through the Singapore Standards Council (SSC) to launch two new Singapore Standards: **SS719:2025 Guidelines on Data Standard (Terminology) to Support Interoperability of Healthcare System Records** and **SS720:2025 Remote Clinical Monitoring**. This was announced today at Synapxe's annual HealthX Startup Day.

Enhancing Public Healthcare Interoperability and Remote Monitoring

The two new SS standards will help accelerate the growth of HealthTech startups:

- **SS719:2025 Guidelines on Data Standard (Terminology) to Support Interoperability of Healthcare System Records** will provide guidance on how clinical information should be structured and exchanged across different healthcare systems.

- **SS720:2025 Remote Clinical Monitoring** will support the integration of data for remote clinical monitoring solutions.

Through these, HealthTech startups and healthcare providers will be better equipped to manage and transmit health information, and pave the way for a more connected, secure and efficient healthcare ecosystem. This aligns with the national "Healthier SG" strategy and reinforces trust in digital health systems among providers and patients. More information on the standards can be found in Annex A.

The new standards will be available to projects in Synapxe's HealthX Innovation Sandbox (HX-IS) 2.0, where HealthTech startups and innovators will be able to incorporate these standards in a close-to-real-world setting. The sandbox, enabled with these standards, offers a simulated environment to test the integration of medical devices and digital health solutions with electronic medical records.

By applying the standards which will enhance system interoperability and data quality upfront, innovators can reduce integration complexity and costs in the later phases of the product development cycle.

"Alongside the proliferation of new technologies and digital health solutions, it is crucial that we establish clear guidelines that help healthcare providers build interoperability and trust in their solutions. Without such standards, we risk creating data silos and disrupting the quality of patient care across different healthcare systems. By implementing these new standards, we can ensure that our digital health infrastructure remains robust and continues to support innovative solutions that address emerging healthcare needs," said **Ms Choy Sauw Kook, Director-General (Quality and Excellence) at Enterprise Singapore.**

"Singapore has always actively pushed for interoperability in healthcare to support continuity of care for our population and allow public healthcare providers to make informed clinical decisions. The launch of these two new standards to be incorporated in our HealthX Innovation Sandbox 2.0 underscores our commitment to support the public healthcare ecosystem and provide the necessary resources for our startups and innovators in the HealthTech ecosystem to build their solutions faster in an interoperable manner," said **Henry Kang, Director of Innovation and Capabilities Enablement (ICE), Synapxe**.

Emerging HealthTech Solutions to Address Real-World Healthcare Challenges

At the HealthX Startup Day, nine tech providers were selected to present their ideas to a panel of public healthcare professionals based on the innovation themes from an Open Call for Ideas launched in September 2025. The Open Call had invited startups from Singapore and around the world to pitch solutions based on three themes provided by Public Healthcare Providers:

- Optimising Surgical Instruments for Safer, More Efficient Surgeries
- Reimagining Staff Scheduling and Leave Coordination
- Smarter Ways to Triage Patients

Solutions pitched for these innovation themes may be considered for development into future HealthX Call-for-Innovation opportunities that seek to create impact and benefit for healthcare providers and patients.

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About Synapxe

Synapxe is the national HealthTech agency ***inspiring tomorrow's health***. The nexus of HealthTech, we connect people and systems to power a healthier Singapore. Together with partners, we create intelligent technological solutions to improve the health of millions of people every day, everywhere. Reimagine the future of health together with us at **www.synapxe.sg.**

About Enterprise Singapore

Enterprise Singapore is the government agency championing enterprise development.

We partner committed companies to build capabilities, innovate and go global. We drive growth – empowering local businesses and shaping industries, anchoring Singapore as a trade and startup hub, and establishing trust in our products through quality and standards.

We're here, for wherever you're growing. Visit enterprisesg.gov.sg for more information.

About Singapore Standards Council

The Singapore Standards Council (SSC) facilitates the development, promotion and review of Standards and Technical References in Singapore. This work is done through partnerships with the industry, academia and government organisations, under the national standardisation programme overseen by Enterprise Singapore.

Visit www.enterprisesg.gov.sg/standards for more information.

For media queries, please contact:

Aung Thi Ha
Senior Manager, Corporate Communications
Email: aung.thi.ha@synapxe.sg
Mobile: 93382594

Lydia Lee
Senior Business Partner, Corporate Communications
Email: lydia_lee@enterprisesg.gov.sg
Mobile: 91399470

Annex A

The New Singapore Standards

SS719:2025 Guidelines on Data Standard (Terminology) to Support Interoperability of Healthcare System Records

- Provides national guidance on how clinical information, such as patient demographics, diagnosis codes, lab test and medication data should be structured and exchanged across different healthcare systems.

- Supports Singapore's move toward more coordinated and connected care by improving adoption of clinical data standards and quality of clinical information in the exchange of health information.

- Outlines clear requirements for data formats and terminologies, for both public and private healthcare providers, including labs. It incorporates both internationally recognised healthcare terminologies such as Systematized Nomenclature of Medicine – Clinical Terms and Logical Observation Identifiers Names and Codes, tailored to Singapore's healthcare landscape, as well as local standards such as the Singapore Drug Dictionary.

SS720:2025 Remote Clinical Monitoring

- Aims to support integration needs of a growing range of remote clinical monitoring solutions, especially with national initiatives like Mobile Inpatient Care-at-Home (MIC@Home), which offer patients the option to be cared for in their homes instead of a hospital ward.

- Prescribes a standards-based API for remote clinical monitoring solutions to register and transmit data in a standardised way, based on HL7 FHIR (Fast Healthcare Interoperability Resources) standards.

- By reducing integration complexity and costs, the standard allows healthcare providers and patients more flexibility in selecting remote clinical monitoring solutions. It also enhances system interoperability and data quality, laying the foundation for more scalable remote care programmes.

SS 719:2025 and SS720:2025 standards are available for purchase at Singapore Standards Shop.

Annex B

Open Call for Ideas: Innovation Themes

Challenge Statement One: Optimising Surgical Instruments for Safer, More Efficient Surgeries

Background: Effective management and maintenance of surgical instruments are essential for ensuring patient safety and achieving successful surgical outcomes. Currently, tracking and management processes remain highly challenging. Manual tracking is prone to human error, leading to potential shortages during critical moments. Additionally, damaged or inaccurate instruments may go unnoticed, compromising safety. The time-consuming nature of manual checks also slows down operations, increases staff fatigue and contributes to staff burnout. Workflow disruptions caused by missing or faulty instruments often result in surgical delays or cancellation, negatively affecting patient care. In addition, limited data availability hinders planning while compliance and traceability issues persist due to unreliable arise from error-prone manual checking methods.

Challenge Statement Two: Reimagining Staff Scheduling and Leave Coordination

Background: In the healthcare sector, effective staff scheduling and leave coordination are crucial for ensuring that the right personnel are available to provide care when needed. The current systems in place are often fragmented and inefficient, leading to various challenges such as confusion over leave applications, unaddressed emergency leaves, miscommunications on clinic closures and needs, and static rostering that fails to adapt to sudden changes. These issues not only disrupt operations but also negatively impact patient care and staff morale due to a lack of transparency and communication.

Challenge Statement Three: Smarter Ways to Triage Patients

Background: In the healthcare landscape, effective patient triage is essential for ensuring timely and appropriate care. Current triage systems are often hindered by manual processes that are not only time-consuming but also susceptible to human error. Healthcare professionals struggle with retrieving and processing information from various sources, which can lead to delays and inconsistencies in patient assessments. Additionally, tailoring triage outputs for different care contexts is labour-intensive, increasing the risk of mis-prioritisation.