Thammasat University Hospital in Thailand partners with NEC to drive digital transformation

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To revolutionise the healthcare landscape, leveraging digital innovation to improve patient care

NEC Corporation (Thailand) has signed a Memorandum of Understanding (MoU) with Thammasat University Hospital to collaborate on the development of a digital platform aimed at supporting the hospital's healthcare system.

Thammasat University Hospital is a high-level hospital with the capacity to provide comprehensive medical care in all branches, including outpatient, inpatient, and emergency care.

In partnership with NEC, both organisations will jointly develop an application to digitise all records and treatment plans. This innovative system will facilitate the digitalisation of health data, enable healthcare providers to create comprehensive digital care plans, and enhance communication between family members and elderly patients.

As part of this collaboration, NEC will deploy state-of-the-art IoT devices at the hospital, specifically designed to detect falls. Leveraging this fall detection technology, healthcare providers will have the ability to promptly respond to incidents and deliver immediate care to patients. Furthermore, NEC will introduce an application that will serve as an alert system, notifying caregivers and patients' relatives in case of emergencies, such as a fall or a sudden deterioration in a patient's health.

Furthermore, the Thammasat Thammarak Center is currently constructing a Medical Building for the Elderly to serve as a model centre for comprehensive care for the elderly and end-of-life patients. The project is expected to be completed and operational in the year 2025 and will be able to accommodate approximately 200 beds for elderly care.