



**PERSONAL HEALTH RECORD SYSTEM ROLLED OUT IN FIVE PROVINCES >> 5B**

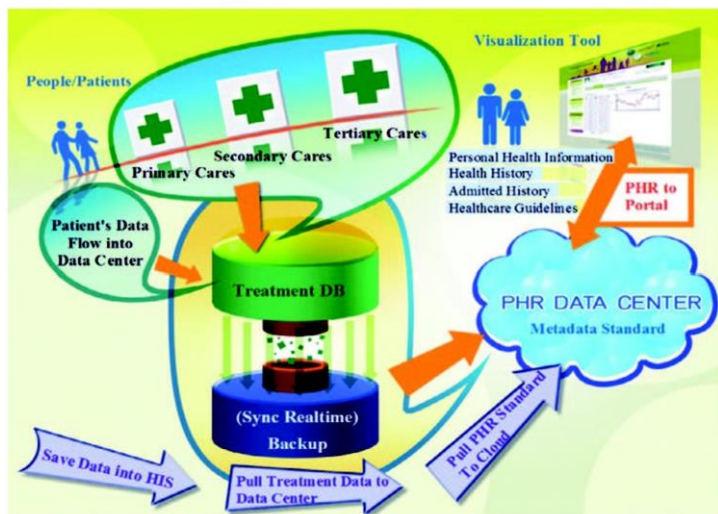


# Personal Health Record system rolled out in five provinces

PROJECT ENABLES DOCTORS AT PUBLIC HOSPITALS TO ACCESS PATIENT DATA, CITIZENS CAN SEE THEIR RECORDS VIA MOBILE APP

**JIRAPAN BOONNOON**  
THE NATION

WITH THE aim of utilising IT and innovation to improve the healthcare sector, and public healthcare servic-



es in particular, the Software Industry Promotion Agency (Sipa) linked hands with the National Electronic and Computer Technology Centre (Nectec) three years ago to develop the Personal Health Record system.

The PHR system they created is initially being used in support of government hospitals in five provinces around the country.

Under the news system, doctors are able to access patient information from a data centre, which will lead to better on-time treatment.

Chularat Tanprasert, director of the Information, Communication and Computing Research Unit at Nectec and leader of the PHR project, said that work had begun in 2013 in collaboration with Sipa to provide a service platform in the area of public health and medical personnel records for Thai citizens via an Android-based PHR mobile application.

Users can access the centrally stored data via computers, tablets and other smart devices, she said, adding that the PHR system gave everyone the opportunity to securely reach medical and personal health data.

The PHR system comprises four categories: health history, treatment, health check-up and behaviour adjustment, and health analysis.

For the health history element, Chularat said it provided personal health data, data from district health authorities, health security data, nearby health providers, and information on health education and guidelines.

Meanwhile, the treatment element provides medical history, immunisation history and appointment data.

The health check-up and behaviour-adjustment element will facilitate annual health checks, self-health

assessment, and provide data on the evolution of health conditions, exercise and dietary information.

Last but not least, she said the health-analysis element would provide total healthcare information for individuals, from the treatment of existing conditions to pro-active or preventive treatment.

The system currently provides support to the public-health offices and state hospitals in Nakhon Nayok, Phuket, Kanchanaburi, Phetchabun and Roi Et provinces.

Jirawan Boonperm, chair of the executive board at Sipa, said the collaboration would enhance the public healthcare service and improve the quality of public hospitals for all Thais.

The software agency is negotiating with the Public Health Ministry to utilise the PHR system and provide it to public hospitals nationwide as the next step in the project, she said.

As a result, all state-hospital patients will be able to access their healthcare records and benefit from doctors being able to instantly access the latest information on them from the PHR system nationwide, she added.

Sarun Sumriddetchkajorn, executive director of Nectec, said the PHR system would allow all Thais to access their healthcare information via a smart device and to utilise it to become more pro-active about their health and protect themselves as far as possible from disease.

Moreover, they will be able to get treatment from their doctor and hospital on time, as medical professionals will be able to access the pooled patient database built up from data supplied by hospitals that participate in the project, he said.