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Headline: Untangling the way to a Smart Nation

Untangling the way to a Smart Nation



by the whole Government – still a pipe dream.
Bank tokens and payment cards or pipe dream.
Bank tokens and payment cards cluttering up bags and wallets, so e-payments are not hassle-free. This was hardly the outcome envisaged when Singapore's Smart Nation programme was launched in late 2014 to help the nation go digital. The way forward would be systematic and coordinated, it was declared back then. There would be common infrastructure for sharing among government agencies to avoid duplication. The Smart Nation Programme Office (SNPO) was created to bring these plans to fruition. Nearly three years later, the public-sector teams involved in the design and implementation of Smart Nation projects are being reorganised under changes announced last Monday to boost the delivery of tangible results. Useful will be such that the supplies were such such was such as the such such that the such as the such as the such that the such as the

The SNPO itself will now come under the new Smart Nation and Digital Government Office (SNDGO) which will also have technology teams from other agencies.

The changes come after Prime Minister Lee Hsien Loong lamented at the annual Camp Sequoia tech summit last month that Singapore was not moving as fast as it ought to ond digital transformation.

on digital transformation.

"We have set up a Smart Nation
Programme Office in the Government, in the Prime Minister's Office to oversee this exercise and get nce, to oversee this exercise and get significant projects moving. I think personally that for all our pushing, we really are not going as fast we ought to," he said. He cited three major projects

where he would like to see progress. The first is an integrated national

sensor network.

"Whether it is a traffic police network, or police cameras or the water authority cameras tracking drains or cameras in our housing estates watching lifts and security, you can pull all of the pictures together and get one integrated date source for the whole country," said The second is a national digital

identity system to supersede the ex-isting SingPass authentication sys-tem for accessing both public and

tem for accessing both public and private-sector services. "We have one for the government services, SingPass, but it really does not do all the things we need it to do and it does not extend to private-sector services. It does not even ex-tend to hospitals which are restruc-

tend to hospitals which are estructured, semi-privatised, "he said. In contrast, he cited Estonia, which has a digital D system that allows its citizens to access their bank and healthcare information, and even vote online. "The Estonians have this; there is no reason whywe should not haveit."

The third area is e-payments, with PM Lee saying Singapore has not gone as far an eeded, to go cash-not gone as far a needed, to go cash-

| Irene Tham | Senior Tech Correspondent | Senior Tech Cor





Various agencies have surveillance cameras around the island, such as these near the Little India train station. However, the web of cables that connect various existing cameras and sensors remains untapped as a central data resource – although the foundation for this is now taking shape. GovTech is working with various agencies to develop a video analytics system. Elsewhere, Singapore's Smart Nation aspirations, seen in a set piece at River Hongbao 2017, involves greater use of technology in daily life. The young are already getting exposure to technology from an early age, for instance, through a dancing robot in a Lab on Wheles visit, where pupils learn about robotics in a fun way on a retroffted bus filled with computers and robotics. ST PHOTOS IRENET HAMP LAU FOOK KOME, NO MADRIN

How Singapore has Smartened up its act

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By June, Singaporeans and permanent residents opening bank a counts with OCBC, UOB, DBS and Standard Chartered will not need to key in details such as NRIC number and address, or submit plays call documents to verify the data. Instead, they can consent to where when the singapore (Sandard Chartered will not be a displayed by some e-serf loss of the singapore (Sandard Chartered will not a displayed by some e-serf loss of the singapore (Sandard Chartered will not a displayed by some e-serf loss of the singapore (Sandard Chartered will not a displayed by some e-serf loss of the singapore (Sandard Chartered will not a displayed by some e-serf loss of the singapore (Sandard Chartered will not a displayed by some e-serf loss of the singapore (Sandard Chartered will not a series of the singapore (Sandard Chartered will not a series of the singapore (Sandard Chartered will not a series of the singapore (Sandard Chartered will not a series of the singapore (Sandard Chartered will not a series of the singapore (Sandard Chartered will not a series of the singapore (Sandard Chartered will not a series of the singapore (Sandard Chartered will not a series of the singapore (Sandard Chartered will not a series of the singapore (Sandard Chartered will not a series of the singapore (Sandard Chartered Will not a series of the singapore (Sandard Chartered Will not a series of the singapore (Sandard Chartered Will not a series of the singapore (Sandard Chartered Will not a series of the singapore (Sandard Chartered Will not a series of the singapore (Sandard Chartered Will not a series of the singapore (Sandard Chartered Will not a series of the singapore (Sandard Chartered Will not a series of the singapore (Sandard Chartered Will not a series of the singapore (Sandard Chartered Will not a series of the singapore (Sandard Chartered Will not a series of the singapore (Sandard Chartered Will not a series of the singapore (Sandard Chartered Will not a series of the singapore (S

tions here. "The best champions for smar teldercare solutions are the hospitals, but they are not doing the evangelising." he said.
"Hospitals know how to charge people when they come for treatment, but they do not know how to charge for tele-medicine." For instance, home-based healthcare using seasons could allow parious.

clear: Move from tossil fuels to re-newable energy with clear targets set for each year, he said.
"The benefits are very tangible. This is the right way," he said, not-ing that a one-year target for the first milestones of key projects in Singapore was made public only last week.

WHAT TO MAKE OF THE CHANGES With such a tight deadline, it is timely that more firepower is given to speed things along.

From May 1, GovTech will come

rouganisation. "You must have the right degree of centralisation to be able to make things happen and coordinate tightly... that's why we brought it (GovTech) into PMO, and that will give it enough infiluence to work with all the other agencies and ministries," said PM Lee. "Otherwise, we are trying very hard but we are not as tightly coordinated as we could be and it's frustrating."

may not want to switch to another platform just for data to be shared. Agencies may also want to use their budget for other technology

upgrades.
Tellingly, the media has observed inter-agency rivalry over who should be credited for which

who should be credited for which tech project.

Mr Clement Teo, principal analyst at market research firm Ovum, said: "It is understandable that different government agencies have different priorities and red tape to cut through."

Mr Teo noted that the handful of policy planners at SNPD might not might not

Mr I eo noted that the handtup oplicy planners at SNPO might not have the same resources as Gov-Tech to push the Smart Nation agenda throughout the public sector. "After all, GovTech, with its 1,800-strong team, has deep technical expertise," he said. AT FULL THROTTLE

Now, the pressure is on to deliver. Take digital identity, an area in which the PM said he would like to see progress. The Sunday Times un-derstands that the digital ID could be in the form of a software-based

be in the form of a software-based security token. A trial is under way in the healthcare and banking sectors with digital security systems maker Gemalto.

On the e-payment front, a Central Addressing Scheme is slated for launch by the middle of the year to allow fund transfers to one's mobile number without having to sake for and enter the recipient's account number (see other report). While it remains to be seen if the ween larged Smart Nation group under the PMO can deliver on the key projects, some consultants are optimistic.

Senior partner at management consultancy firm McKinsey & Company Dian-Yillu said the firm's ex-

pany Diaan-Yi Lin said the firm's ex-perience in working with govern-ments around the world shows that having a high-level, over-arching department to oversee digital initia-

tion and Estonia's E-Estonia Coun-cilare examples of similar moves.
The reorganisation under the
PMO will "clarify and consolidate
ownership", she said.
PM Lee reiterated last Friday
that there is a lot of room for
growth within the Government ir-self - specifically, how it develops
and uses technology to serve the
public - which explains the recent
reorganisation.

Street sensors that collect data

Agency (GovTech) is working with various unnamed agencies to develop a video analytics system to help detect anomalies to predict, say, potential unruly crowds or traffic congestion. The video analytics system is slated for roll-out in the later part of this year. It will be part of the layer. It will be part of the layer at the work of street lights. The SNP and could we es 95,000 ottered lights islandwide become none code-named Smart Aution Platform (SNP). "The SNP is entry."

Imagine being able to ditch multiple e-banking tokens with different banks, and doing away with the hassle of remembering different users are several. That is what the mooted digital did to the service of the several points like a digital version of the Michael Di will be similar to the kind of e-identity used in places such as Hong Kong, Estonia and Finland.

Estonia's digital ID system, for instance, allows its citizens to access their bank and health-care information and even void each title the second of the service of the second of the s In July last year, the Govern-