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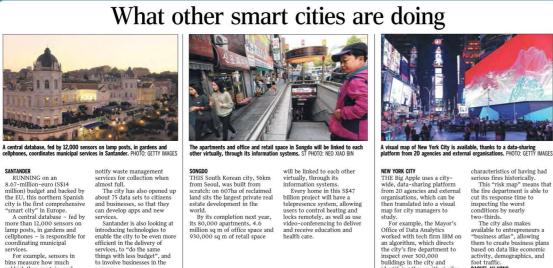
services. For example, sensors in bins measure how much rubbish they contain, and

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SENSORS IN JURONG LAKE DISTRICT IM More than 1,000 sensors that measure levels of humidity, light, noise, sulphur dioxide, haze particles in the air and temperature will be installed in the town. They will be used to monitor and control traffic lights or detect

illegal smoking, among other things.



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inspect over 300,000 buildings in the city and identifying those with similar foot traffic. RACHEL AU-YONG





Despite the high penetration of smartphones here, there may not be enough people with the right skills in turning Singapore into a "smart nation", but there are calls to expose students to IT and programming early. ST FILE PHOTO

SENSORS IN JURONG LAKE DISTRICT More than 1,000 sensors that measure levels of humidity, light, noise, sulphur dioxide. have narticles in the additional sensors and the sensors humidity, light, noise, sulphur dioxide. have narticles in the pattern.

SENSORS FOR HDB FLATS Future homes can come equipped with energy sensors that monitor how much energy each appliance consumes. This information NEW ERP SYSTEM A new satellite-based electronic road pricing system (ERP2) in the works could charge a motorist based on how far he travels on t can make it easier for residents to reduce their overall energy usage Rectional total pricing system
Motion sensors can track (ER22) in the works could charge a motorist based on how far be travels on congested roads, and can track the precise position of each instance, if they fall or faint. "fail fast and learn quickly", as PM Lee said on Monday. "We will encourage experimen-tation. When we fail, we will learn quickly and try again," ech-oes Mr Tan Kok Yam, head of the Smart Nation Programme Office in a statement to Insight. Dr Andrew Hudson-Smith, who heads University College London's smart cities and urban analytics course, tells Insight that "smart cities will grow naturally over time via new apps, personal

over time via new apps, persona devices and data from citizens' "So even if the first early trial fail, the next 50 years will see the rise of the smart city as a truly au-tomated, networked system". All in all, Singapore has much

of the makings of a smart nation argue those optimistic about its prospects - the runway is there What remains is the take-off.