

FACTSHEET *Smart Nation Platform*

Singapore aims to be a Smart Nation where people live meaningful and fulfilled lives, enabled seamlessly by technology which offer exciting opportunities for all. At the heart of the Smart Nation vision is the transformation of Singapore into a smart city. This will be achieved through the creation of an anticipatory Government to serve citizens and businesses better; and by empowering citizens and businesses with information that will allow them to make meaningful choices to improve their lives.

The Government Technology Agency (or GovTech) will play an important role in the building of Smart Nation infrastructure, platforms and applications by deploying ICT and related engineering such as the Internet of Things. The **Smart Nation Platform** (or SNP) is being developed by GovTech with common infrastructure and services such as a data sharing gateway, video and data analytics capabilities.

This helps public agencies optimise their sensor deployment needs, the sharing of data collected and data analytics to support needs like urban planning and incident response. The SNP is envisioned to help public agencies in the efficient running of the city.

Based on public agencies' demands and use cases, GovTech will focus on scaling up the SNP infrastructure and common services to enable Smart Nation-associated applications in these domains:

1. mobility
2. safe and secure city
3. urban habitat
4. energy
5. education
6. health
7. lifestyle

GovTech aims to tap on both public and commercial infrastructure to make SNP scalable in terms of connectivity to support the emerging sensor deployment needs of public agencies. This includes exploring the use of telcos' current and future commercial offerings such as Narrow Band Internet of Things (or NB-IoT) for the deployment of sensors in low-bandwidth use cases. An example is smart utility management by providing timely data to residents on their household's utility consumption.

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GovTech is also working with various agencies who share interest in video analytics for anomaly detection, human traffic patterns etc. For example, the Singapore Police Force (SPF) is rolling out more police cameras in public places to further strengthen the police's ability to deter, detect and solve crimes. With video analytics capabilities to automate the analysis of police camera footage, police officers can respond faster to potential threats and follow up on incidents of interest, thereby ensuring the safety and security of citizens.

The SNP enables different agencies to come together to build and share innovations, to improve the lives of citizens and build stronger communities.

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