



## ***MEDIA FACTSHEET*** **Singapore Government Tech Stack**

The Government Technology Agency of Singapore (GovTech) is developing the **Singapore Government Tech Stack (SGTS)**. The SGTS provides shared software components and infrastructure for agencies to build their digital applications. The SGTS is a key part of the CODEX (Core Operations, Development Environment, and eXchange) which is the digital platform to enable the Government to deliver better digital services to citizens faster and more cost efficiently.

2 Currently, most government agencies develop independent services and infrastructure to meet the needs of specific groups they serve. This limits the interoperability and potential to save time and cost.

3 When building digital services and applications, agencies will be able to tap on a suite of tools and services hosted on shared infrastructure. The SGTS allows agencies to focus on designing solutions that best meet the needs of those they serve, reducing the time and effort needed to (a) introduce an early version of digital services; and (b) enhance and maintain existing ones (see Annex A for how Government agencies can harness the SGTS). With SGTS, citizens can expect a more seamless, consistent and connected user experience across the spectrum of government digital services.

### **Components of SGTS**

4 SGTS is a platform comprising layers of software and infrastructure components. These shared assets are scalable, reusable and interoperable (see Annex B for more details).

**For media clarification, please contact:**

Mehul SHAH (Mr)  
Communications & Marketing Group  
Government Technology Agency  
Tel: +65 6211 1557  
Email: [Mehul\\_Shah@tech.gov.sg](mailto:Mehul_Shah@tech.gov.sg)

Roy TEO (Mr)  
Communications & Marketing Group  
Government Technology Agency  
Tel: +65 9105 0123  
Email: [Roy\\_Teo@tech.gov.sg](mailto:Roy_Teo@tech.gov.sg)

# ANNEX A

## SINGAPORE GOVERNMENT TECH STACK (SGTS)

A better, smarter and faster platform for building digital applications

### BETTER EXPERIENCE

Develop a more seamless, consistent and connected experience across government digital services.

### SMARTER PROCESS

Enable easier exchange of data across the government for richer insights that will help with policy and solution development as well as monitoring of operations.

### FASTER ROLLOUT

Faster deployment of solutions without the need to develop infrastructure from scratch



**DIGITAL SERVICES**  
Easy-to-use, accessible and secure digital government services that improve lives of citizens and business.

**MICROSERVICES**  
Reusable common services that agencies utilise to build applications such as the National Digital Identity for authentication.

**MIDDLEWARE**  
Software services such as APEX (API Gateway) and WOGAA (analytics) that allow for rapid development, deployment, testing and monitoring.

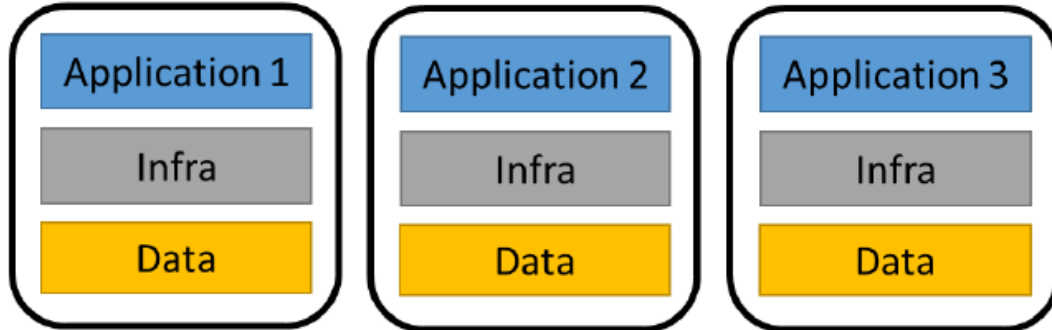
**HOSTING PLATFORMS**  
Scalable hosting containers with secure connectivity.



**FOCUS ON DESIGNING SOLUTIONS, AND SGTS WILL DO THE REST!**

## ANNEX B

### *Previous silo-model*



### *Using the Tech Stack*

