

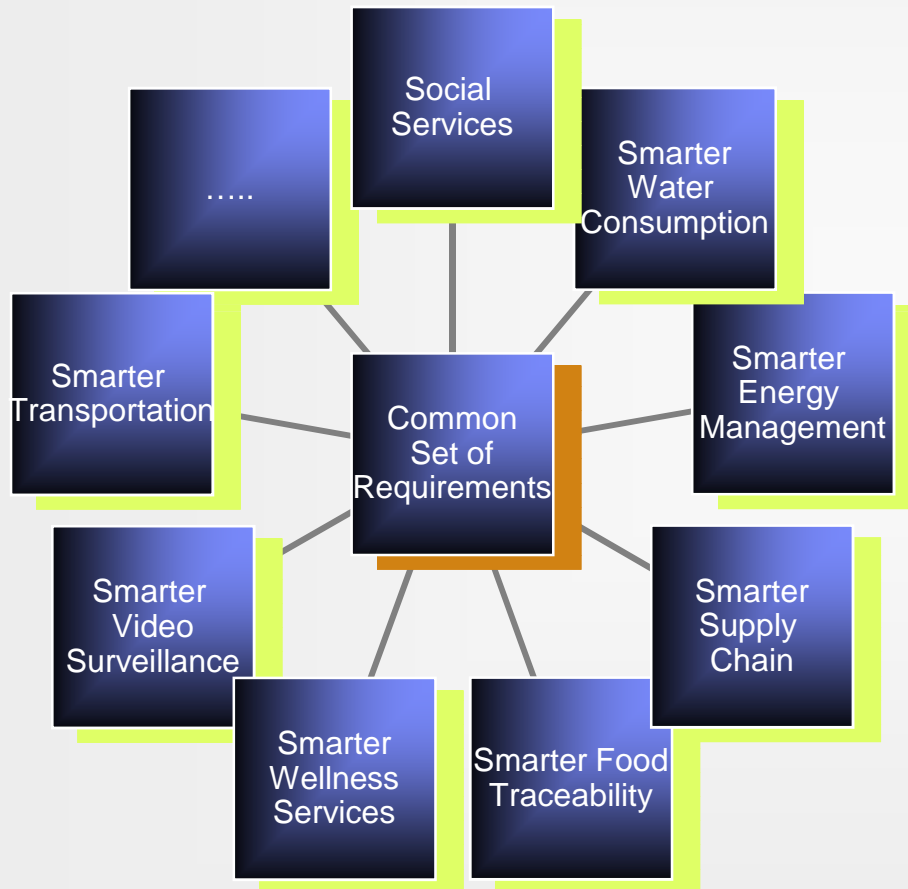
# 智慧城市雲端運算服務應用

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# 智慧城市 的雲端需求



## ■ 服務需求

- 社會服務
- 水資源
- 能源管理
- 食品管理
- 個人健康管理
- 城市安全
- 交通管理

## ■ Workload characteristics

- Need for shared models, and common tools for optimization and analytics
- Ability to handle bursty workloads
- Need for data -- receive-from and send-to external sources
- Need for security – VPN, authentication, access control

## Example 政府雲



Source: "Government in the Cloud", Gartner Webinar, Sept. 8, 2010.

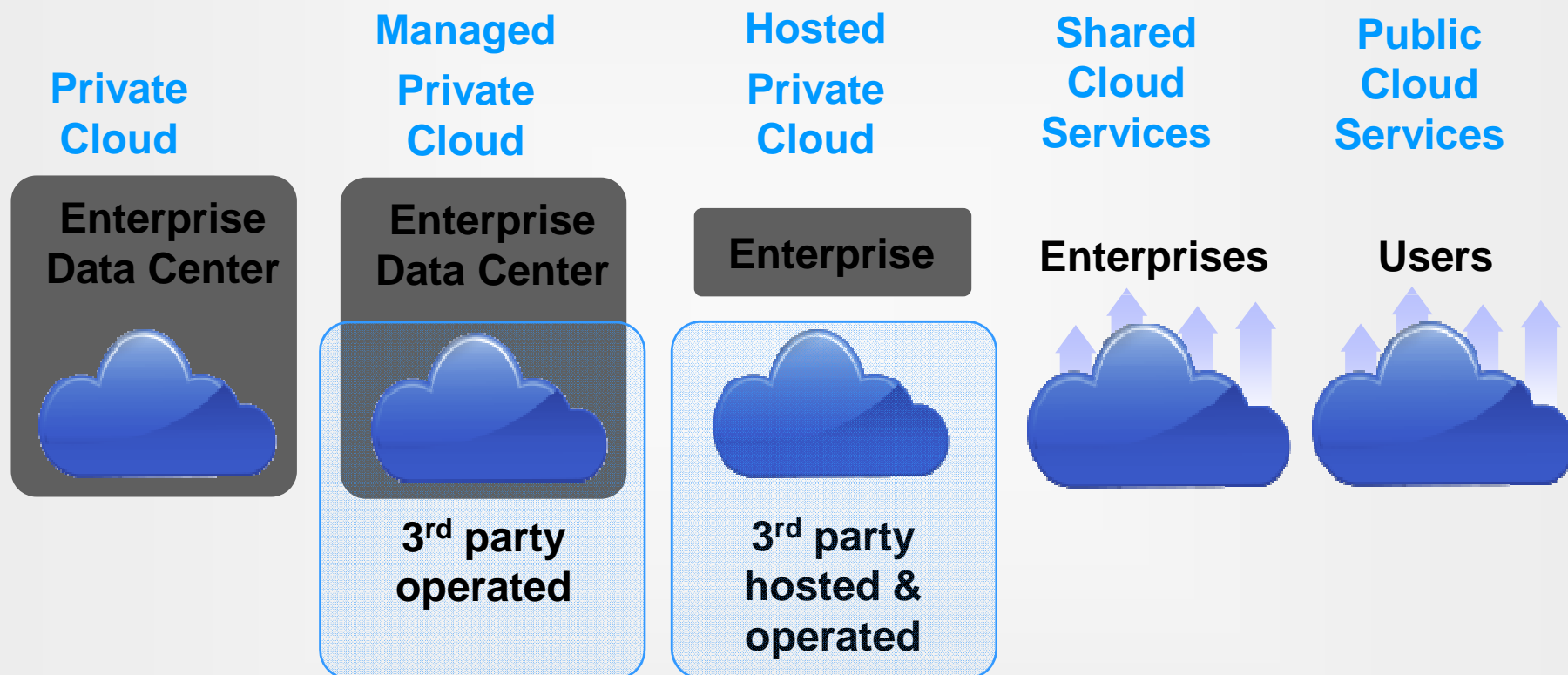
Gartner®

Businesses that implement cloud computing are seeing significant results.

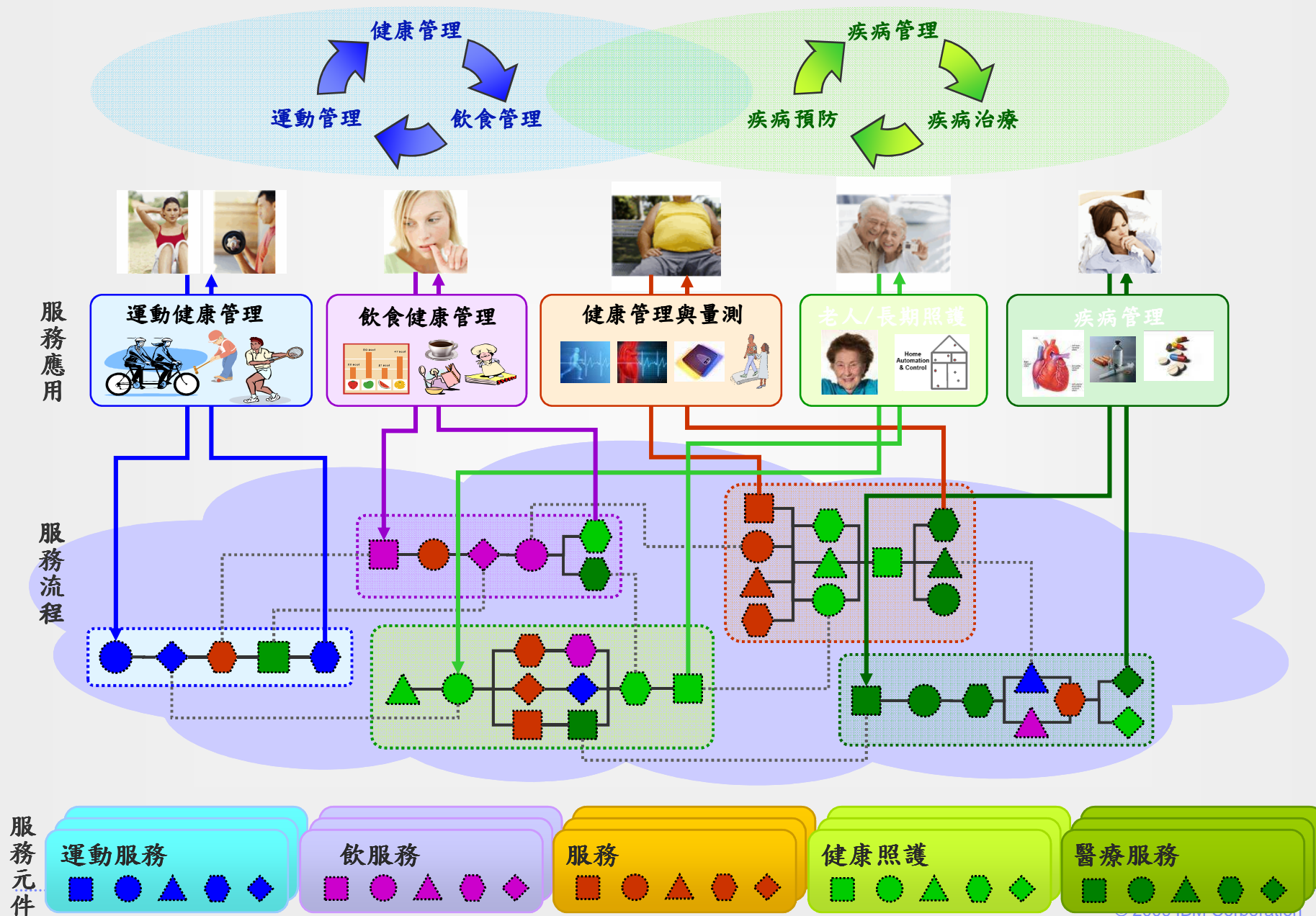


- Reduce IT labor cost by **50%** in configuration, operations, management and monitoring.
- Improve capital utilization by **75%**, significantly reducing license costs.
- Reduce provisioning cycle times from weeks to minutes.
- Improve quality eliminating **30%** of software defects.
- Reduce end user IT support costs by up to **40%**.

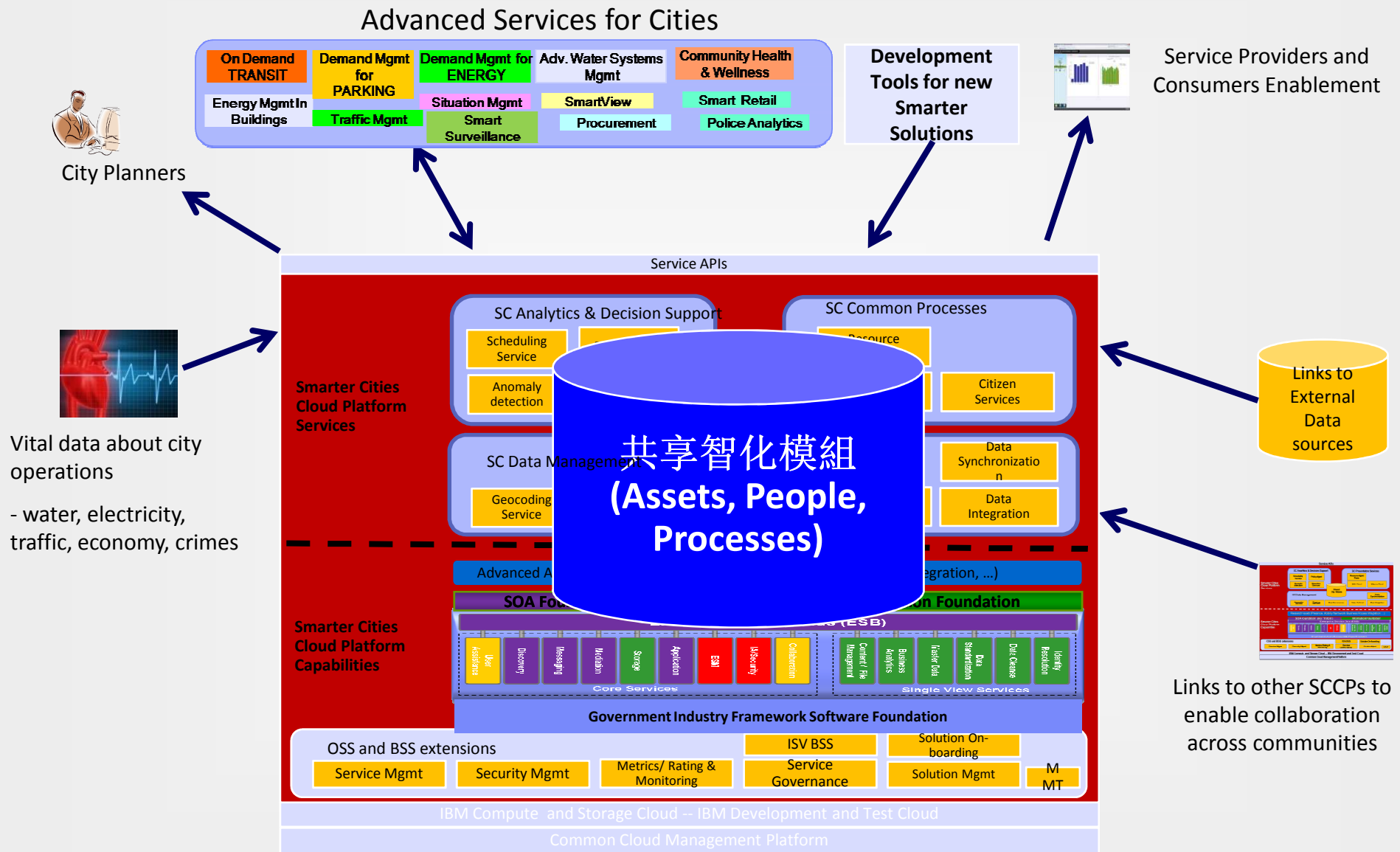
# 雲端的應用種類



# 健康生活與醫療照護服務的雲端環境示範情境



# 願景: 智慧城市雲端操作管理的核心模型與資料中心



SCCP evolves as Cities start using it for day-to-day operations



## Smart Business Private Cloud



**Demonstrating advanced cyber security and analytics capable of protecting sensitive data**

**MOCA (Mission Oriented Cloud Architecture) could provide leap ahead in technology for Air Force network situational awareness and cyber defense within a hardened cloud infrastructure**

**Achieving new levels of situation awareness**

**Designed with real time processing of sensors, monitors and devices**

**Enhanced security, policy management and compliance management**