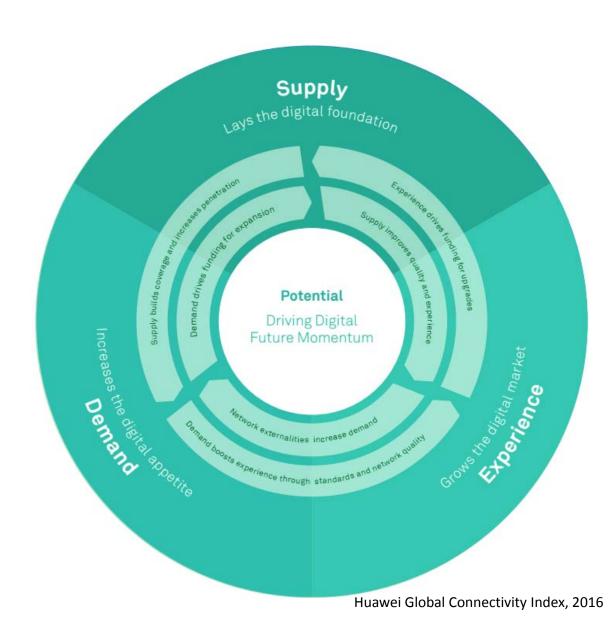




PILLARS OF A DIGITAL ECONOMY SUPPLY 4G, broadband, and investment analyze **AVAILABILITY** Once connected, the appetite for **DEMAND** data, applications, e-commerce and app downloads analyze national tech and services **ADOPTION** grows, which in turn drives supply **EXPERIENCE** and investment in download speeds and broadband affordability analyze infrastructure and **QUALITY** services. POTENTIAL **Huawei Global Connectivity** patents and R&D analyze future Index, 2016 **CAPABILITIES**

WHERE SHOULD THE
GOVERNMENT STAND IN
RELATION TO THE
ECOSYSTEM
DEVELOPMENT?

BOOST BUT CAN'T SUBSTITUTE



SINGAPORE (2)

To provide better cloud services, the Singaporean government is opting for a multipronged approach. This includes opening up the broadband market so new players can deliver services over the nationwide fiber network, which has resulted in a slew of innovative broadband packages at competitive prices for cloud access. The government has also introduced the multi-tier cloud security (MTCS) framework to provide a complete yet flexible approach for enterprises to choose the security level they need. Since its launch, 62 cloud service providers have been certified to provide a diverse range of secure-certified cloud services for enterprises.



The SaaS Market

According to Gartner

- Gartner sees SaaS growing 20.3% in 2016 to 37.7 billion.
- The SaaS market is poised to surpass \$112.8 billion by 2019, according to IDC research.
- The overall market will reach \$164.29 billion by 2022, according to Transparency Market Research (TMR).

According to IDC

- The worldwide cloud software market reached \$48.8 billion in revenue in 2014, representing a **24.4% year-over-year growth** rate
- The market will surpass \$112.8 billion by 2019 at a compound annual growth rate (CAGR) of **18.3%**.
- SaaS delivery will significantly outpace traditional software product delivery, growing nearly five times faster than the traditional software market
- By 2019, the cloud software model will account for **\$1 of every \$4.59 spent on software**.

Technologies enabling the next indispensable consumer technology

Technologies	Global	U.S.	China	Japan	ASPAC	EMEA
Cloud – SaaS/PaaS/IaaS	11%	14%	15%	13%	11%	6%
Mobile - platforms and apps	9%	9%	3%	10%	8%	11%
Internet of things/ M2M	9%	8%	9%	3%	9%	9%
Data & analytics	9%	14%	3%	10%	7%	8%
Biotech/digital health/healthcare IT	8%	15%	3%	3%	7%	7%
3D printing	7%	2%	4%	3%	6%	12%
Cyber security	6%	5%	8%	10%	7%	7%
Robotics	6%	5%	6%	3%	6%	8%
Artificial intelligence/cognitive computing	5%	4%	15%	10%	8%	2%
Digital currency platforms (e.g., Bitcoin, payment systems, etc.)	4%	2%	6%	7%	6%	5%

