



TOWARDS
AN EXCITING
INFOCOMM
FUTURE

Singapore: An Intelligent Nation, a Global City, Powered by Infocomm

DEVELOPING A VIBRANT INFOCOMM ECOSYSTEM

IDA aims to develop a vibrant infocomm ecosystem where MNCs and innovative foreign companies work alongside local infocomm enterprises and start-ups to innovate and grow the infocomm industry. It also seeks opportunities to grow local infocomm companies by facilitating their access into the global marketplace.



Singapore has been harnessing infocomm technology (ICT) to enable its social and economic development as early as since the 1980s. Today, Singapore has a well connected society where its citizens and businesses use infocomm innovatively to enrich their lives and enhance their competitiveness in an increasingly globalised environment. More than 80 per cent of homes have broadband access and there is pervasive connectivity under a nationwide Wi-Fi programme, with an estimated 7,500 wireless hotspots around the island.

Multinational companies (MNCs) and home-grown local companies thrive in a vibrant infocomm ecosystem that promotes innovation and collaboration across different sectors and disciplines, enabling the development of a wide range of infocomm solutions for consumers, businesses and even government.

Today, Singapore is one of the leading global infocomm hubs and is recognised for its ability to leverage infocomm technology innovatively. For instance, since 2006, the World Economic Forum has consistently ranked Singapore among the top five nations in its annual Global Information Technology Report, which measures the impact of ICT on the development process and the competitiveness of nations.

Guided by the Intelligent Nation 2015 (iN2015) masterplan, the Infocomm Development Authority of Singapore (IDA) seeks to work with the industry and partners to develop Singapore into an intelligent nation, a global city powered by infocomm.

iN2015 DESIRED OUTCOMES

Enriched lives

Enhanced economic competitiveness and innovation

Increased growth and competitiveness of the infocomm industry

A pro-business and pro-consumer environment is essential for businesses to thrive and consumers to reap the benefits. To this end, IDA puts in place policies and regulatory frameworks to ensure a competitive telecoms market in Singapore. As for encouraging innovation, IDA builds partnerships that enable Infocomm Local Enterprises (iLEs) to tap on the expertise and networks of MNCs to explore new technologies like cloud computing. This strengthens the competitiveness and capabilities of our iLEs, so that they can develop new or enhanced products and services that are commercialisable.

IDA constantly reviews how infocomm can support the continued growth and future needs of Singapore. In this regard, IDA is developing the Next Generation National Infocomm Infrastructure (NGNII), a secure and resilient infrastructure that will support Singapore's development in the coming decades. The wired component of the infrastructure – the Next Generation Nationwide Broadband Network (Next Gen NBN) – will deliver ultra-high speed broadband access of up to 1Gbps and more while the wireless component – Wireless@SG – will offer pervasive connectivity on the move.

In terms of infocomm manpower, IDA works with the industry and educational institutions to prepare the current and future workforce for an economy and society enabled by infocomm. This involves grooming globally competitive infocomm professionals, developing infocomm competencies in key economic sectors, and nurturing infocomm talent from schools to join the industry.

The Infocomm Development Authority of Singapore (IDA) is a statutory board. Established on 1 December 1999, it aims to grow Singapore into a dynamic global infocomm hub and to leverage infocomm for Singapore's economic and social development.

ENABLING BUSINESS INNOVATION AND TRANSFORMATION

IDA promotes the adoption of infocomm technology as a key enabler to enhance Singapore's economic competitiveness. It works with both public and private organisations to spearhead the strategic use of infocomm in the various sectors such as education, healthcare, manufacturing, logistics, tourism, transport, entertainment and finance.

STRATEGISING AND IMPLEMENTING E-GOVERNMENT

As the Chief Information Officer for the Singapore Government, IDA is responsible for masterplanning, project-managing and implementing various infocomm systems and capabilities for the Government. It oversees IT standards, policies, guidelines and procedures for the Government, and manages the infocomm security of critical infocomm infrastructure.

IDA also works with other public agencies to increase the reach and richness of e-Government services. Connecting the industry's innovative solutions to the Government's needs, about 1,600 public sector services are available online today. To make these services even more accessible, IDA is working closely with agencies to make them available on mobile platforms for users to transact with the Government while on the move.

EMPOWERING SOCIETY TO LEVERAGE INFOCOMM TO ENRICH LIVES

IDA seeks to build a digitally inclusive society where lives are enriched by infocomm. IDA works with industry partners and associations to encourage all segments of society to adopt infocomm and use it in a more sophisticated way. This includes providing assistance to help low-income households, senior citizens and people with disabilities to acquire computers and get connected to the Internet. IDA also works with community organisations to develop applications that help these organisations to reach out to their members and constituents.

iN2015 GOALS

Be #1 in the world in harnessing infocomm to add value to the economy and society

Realise a 2-fold increase in value-add of infocomm industry to S\$26 billion

Realise a 3-fold increase in infocomm export revenue to S\$60 billion

Create 80,000 additional jobs

Achieve 90 per cent home broadband usage

Achieve 100 per cent computer ownership in homes with school-going children



IDA Subsidiaries



INFOCOMM INVESTMENTS PTE LTD

www.infocomminvestments.com

Managing more than US\$200 million worth of funds, Infocomm Investments invests alongside leading venture capitalists in growth-stage infocomm enterprises. Through its work, it aims to attract and nurture a vibrant pool of technopreneurs and start-ups to enhance the technology depth and increase the diversity of Singapore's infocomm ecosystem. Infocomm Investments Pte Ltd is a wholly-owned subsidiary of IDA.



IDA INTERNATIONAL PTE LTD

www.idainternational.sg

IDA International Pte Ltd is focused on delivering services to foreign governments in the areas of e-Government consultancy, masterplanning, national infocomm planning, infocomm industry and manpower development, and the management of public service infocomm programmes. It serves as the execution arm for collaboration on public service infocomm between Singapore and governments around the world. In addition to its own team of infocomm professionals, IDA International works with Singapore infocomm enterprises in the delivery of solutions and services.



SINGAPORE NETWORK INFORMATION CENTRE (SGNIC) PTE LTD

www.sgnic.sg

Singapore Network Information Centre (SGNIC) Pte Ltd administers the Internet domain name space in Singapore. As the national registry for ".sg" domain names, SGNIC formulates policies pertaining to ".sg" domain name registration. It also administers the registration of second-level and third-level domain names through its accredited registrars. SGNIC also collaborates with both regional and international organisations to ensure a stable and efficient operation of Internet domain name systems in support of Internet applications.



ASSURITY TRUSTED SOLUTIONS PTE LTD

www.assurity.sg

Assurity Trusted Solutions Pte Ltd (Assurity) is a wholly-owned subsidiary of IDA. Assurity is the National Authentication Framework (NAF) operator for 2nd Factor Authentication (2FA) set up to offer NAF 2FA services to Service Providers and consumers at a national level.

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