

Singapore Infocomm Industry Development

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Agenda

- > **Singapore's Infocomm Landscape**
- > **Infocomm Industry Development Strategies**
- > **Industry Development Framework**

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Singapore's Infocomm Landscape

Singapore



> Land Area	710.2 sq km
> Population	4.987m
> Labour Force	3.271m
> Unemployment Rate	2.2%
▪ Turnover Rate	2.8%
> Literacy Rate	96%
▪ % Secondary & Higher Qualifications	89.6%
▪ Mean years of Schooling	9.7 yrs

*Source: Official statistics obtained from the Ministry of Manpower, Singapore Department of Statistics and the Ministry of Trade and Industry, October 2009

About Singapore

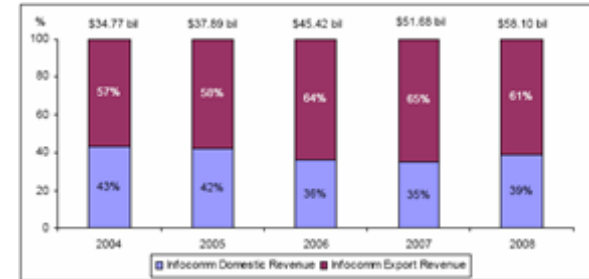
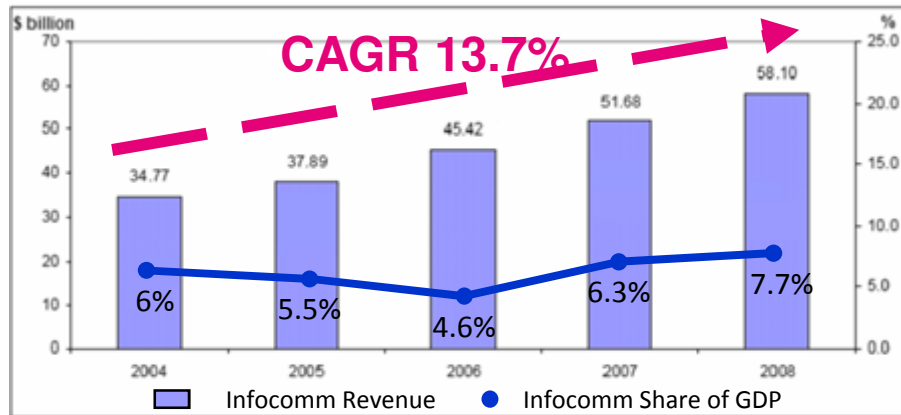
Infocomm Statistics

- > **Home Broadband Penetration** 99.9%
- > **Business Broadband Adoption** 65%
- > **Mobile Phone Penetration** 131.7%

*Source: IDA Annual Report 2008/2009, IDA Surveys and Statistics on Telecoms Services, April 2009

The infocomm industry

- Significant GDP contributor
- Growth driven by tapping Asia demand

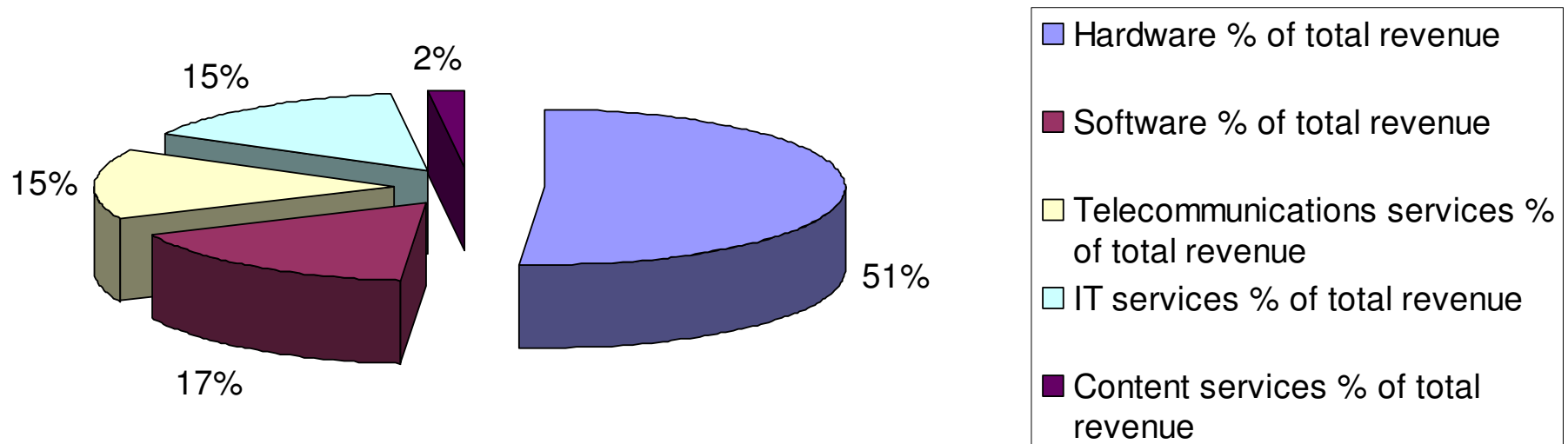


Exports comprise two-thirds of industry revenue

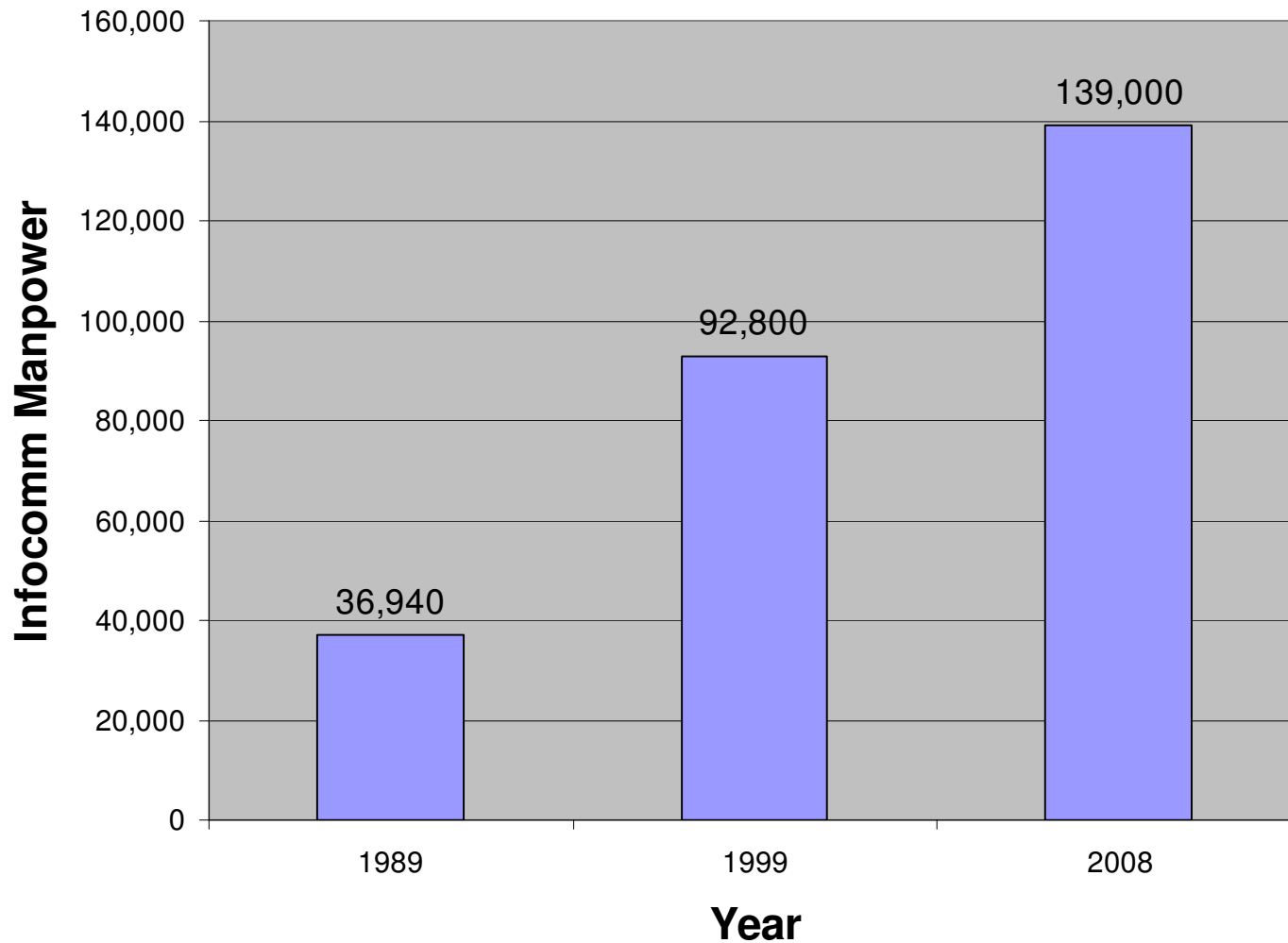
Infocomm industry contributes ~6% GDP

Source: IDA Annual Infocomm Industry Survey

Total Infocomm Industry Revenue by Segment (2008)



Steady Growth of Infocomm Manpower



International Rankings

	2004	2005	2006	2007	2008	2009
World Economic Forum (WEF) Global Information Technology Report (GITR) Ranking	2nd	1st	2nd	3rd	5th	4th
World Economic Forum (WEF) Global Competitiveness Index (GCI) Ranking	7th	5th	8th	7th	5th	NA
International Institute for Management Development (IMD) World Competitiveness Yearbook Ranking	2nd	3rd	3rd	2nd	2nd	NA
Economist Intelligence Unit (EIU) e-Readiness Ranking	7th	11th	13th	6th	6th	NA
Economist Intelligence Unit (EIU) Benchmarking IT Industry Competitiveness	NA	NA	NA	11th (First ranking released in 2007)	9th	NA
Accenture e-Government Leadership Ranking	2nd	3rd	NA*	1st	NA*	NA
Waseda University International e-Government Ranking	NA	3rd	3rd	2nd	2nd	1st

* There are no rankings for that year.

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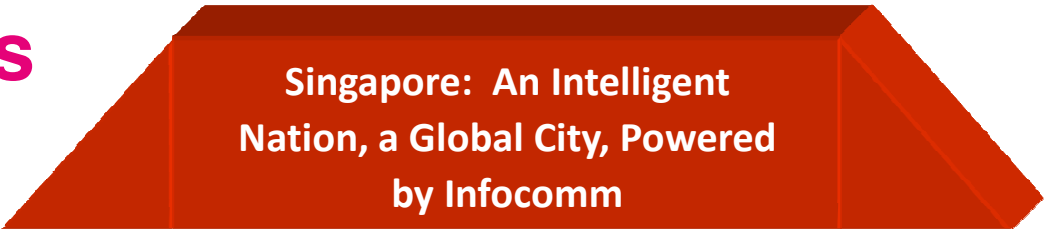
Infocomm Industry Development Strategies

6 National Infocomm Plans and 4 Government Infocomm Plans

- Leveraging Infocomm for Innovation, Integration and Internationalisation
- Unleashing potential of Infocomm to create new values, realise possibilities & enrich lives
- Developing Singapore as global Infocomm Capital, e-Economy and e-Society
- Transforming Singapore into an Intelligent Island
- Extending government systems to private sector e.g. TradeNet, MediNet, LawNet
- Civil Service Computerisation Programme
Developing IT industry & IT manpower

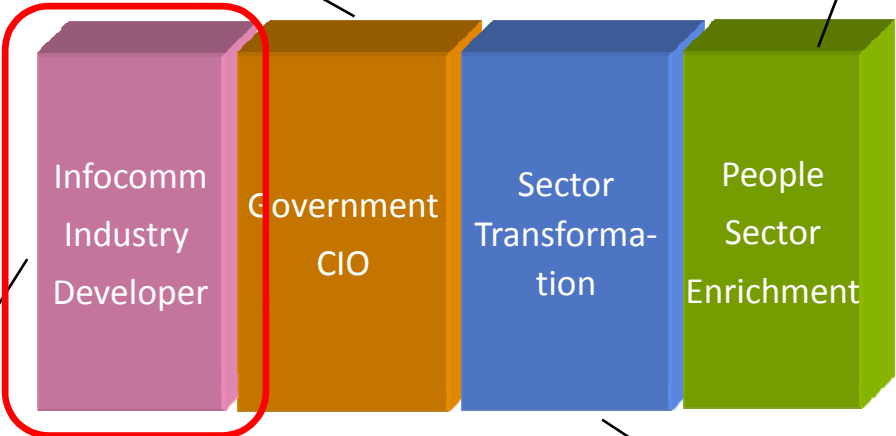
	National Infocomm Plans	Government Infocomm Plans
2010 - 2015	iN2015	
2006 - 2010		iGov2010
2003 - 2006	Connected Singapore	e-Government Action Plan II
2000 - 2003	Infocomm 21	e-Government Action Plan
1992 - 1999	IT2000	
1986 - 1991	The National IT Plan	Civil Service Computerisation Programme
1980 - 1985	The National Computerisation Plan	

IDA's Roles



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

Master planning, project-managing, implementing infocomm systems and capabilities for Government



Transforming key people sector clusters & raising the infocomm sophistication of citizens

Develop vibrant and competitive IT and communications industry

Architecting Singapore's ICT roadmap, planning for key infrastructure, manpower development, security and technological developments



Spearheading transformation of key economic sectors, Government and society through more sophisticated and innovative use of infocomm



Industry Development Objectives

ANCHOR	GROW	CONNECT	GLOBALISE
Enhance innovation diversity of Singapore's infocomm ecosystem	Develop world-class competitive capabilities of Singapore's infocomm industry	Foster partnerships and alliances within the Singapore infocomm ecosystem	Facilitate the pervasive adoption of Singapore infocomm solutions in the Global Market

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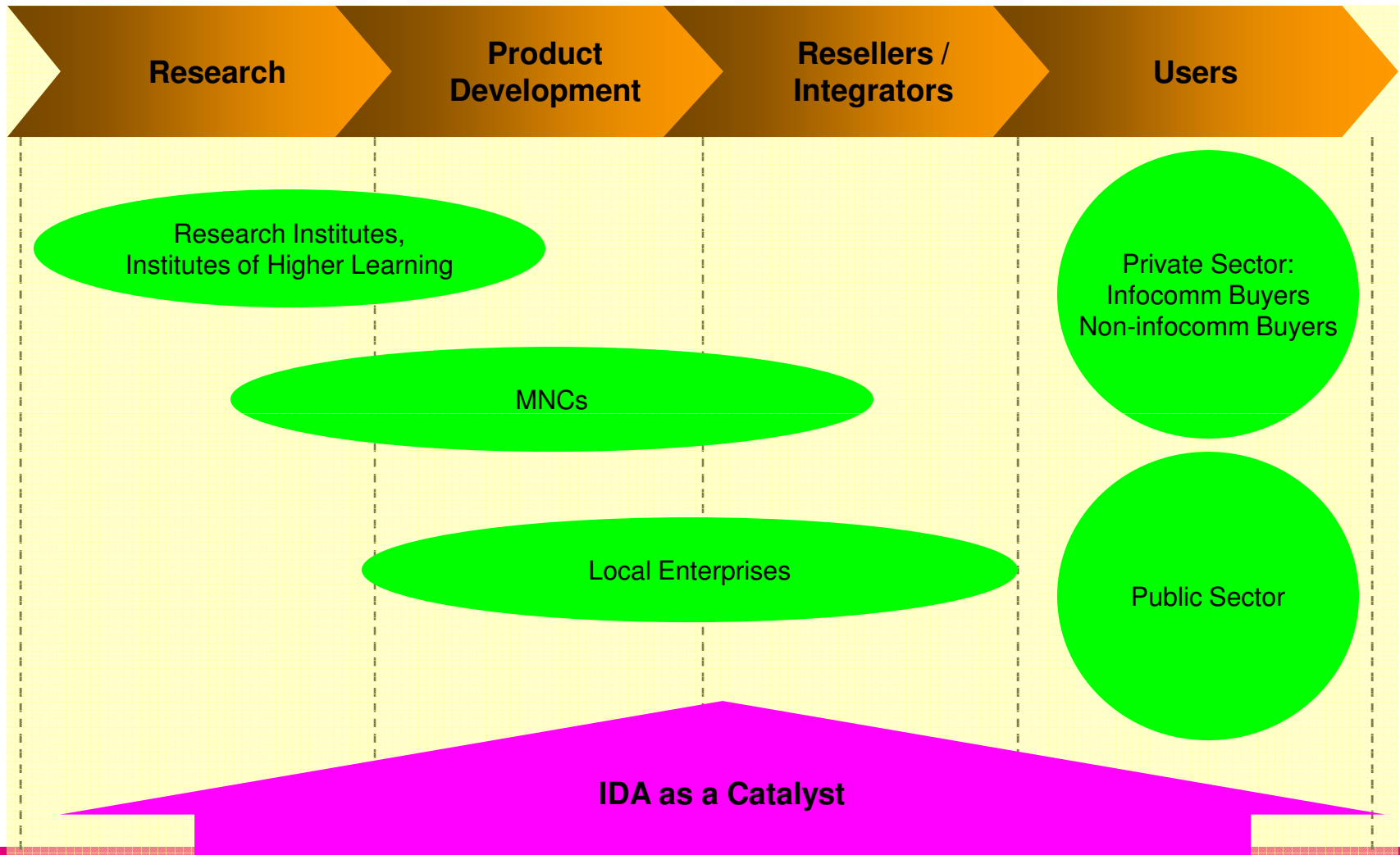
Infocomm Industry Development Framework

Market Development

Vibrant Infocomm Ecosystem



Market Development Initiatives



Market Development Initiatives



- 1996: Government Electronic Mail System (GEMS), service-wide email for all.
- 2001: Government Data Centre – robust, secure and comprehensive infrastructure facility for server hosting by government agencies.
- 2002: IDA launches 'Overseas Development Programme' (ODP) to serve as a key platform for local enterprises to team up with leading infocomm MNCs.
- 1981: IDA unveils the 'Infocomm Singapore' branding.
- 1986: IDA launches Internationalisation Programme to groom local enterprises to be well-known players in the global arena.
- 1998: Institute of Systems Science and Information Technology Institute merge to form Kent Ridge Digital Labs to focus on ICT research.

- 1996: Launch of National Computer Board LIUP (Local Industry Upgrading Programme).
- 2002-2009: Collaboration with industry on .NetMy Singapore, Adaptive Enterprise@Singapore, Cisco Enabling Platform Innovation Centre (EPIC@SG), Oracle Next Generation Enterprise Computing Centre, QAD SaaS Development Centre, Microsoft/SUN/Yahoo startup development programmes.
- Distinguished Infocomm Speakers and InfocommLIVE!
- the Central Provident Board.
- 1995: CORENET is launched, providing an integrated environment for members of the construction and real estates sectors.
- 1997: Singapore ONE, world's first nation-wide broadband network.
- 2006: Wireless@SG, provides island-wide broadband access from public places.
- 2009: Next Generation National Broadband Network.

Sector:
Buyers



SINGAPORE: AN INTELLIGENT NATION, A GLOBAL CITY POWERED BY INFOCOMM

www.ida.gov.sg

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