

# e-Business :

## The Government Perspective



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# Internet and E-commerce

## The Promises

- Reaching out to new electronic market places
- Enhanced information flow of the supply chain
- Reduced intermediaries between suppliers and customers
- More efficient and cost-effective operation



# Internet and E-commerce

## The Projections

- Internet sales worldwide projected to reach US\$2.4 trillion by 2004.
- E-commerce transaction values in Hong Kong projected to increase to US\$5.3 billion by 2004.



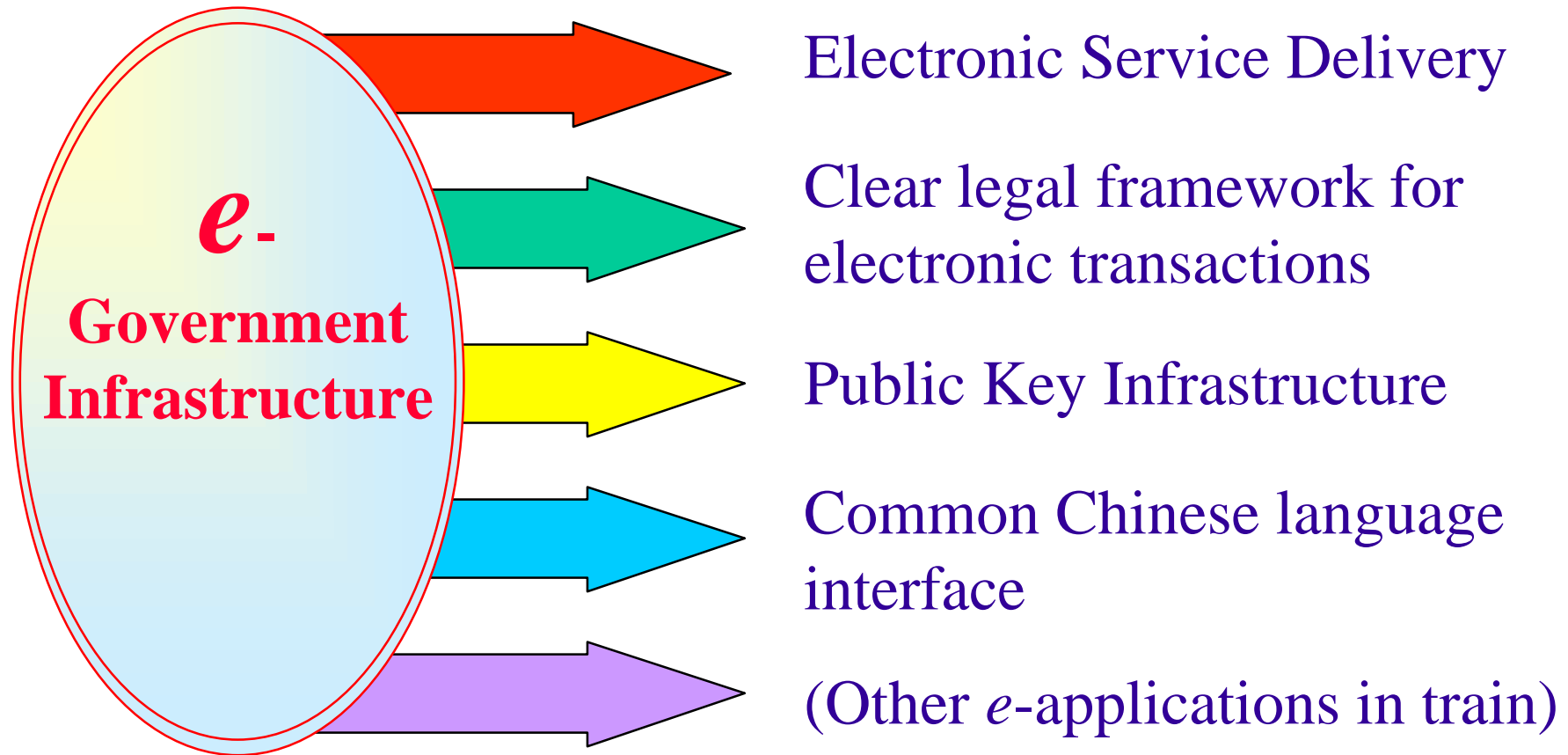
# Relevance of E-commerce Developments to Government

Excellent potential and  
motivation for Government -

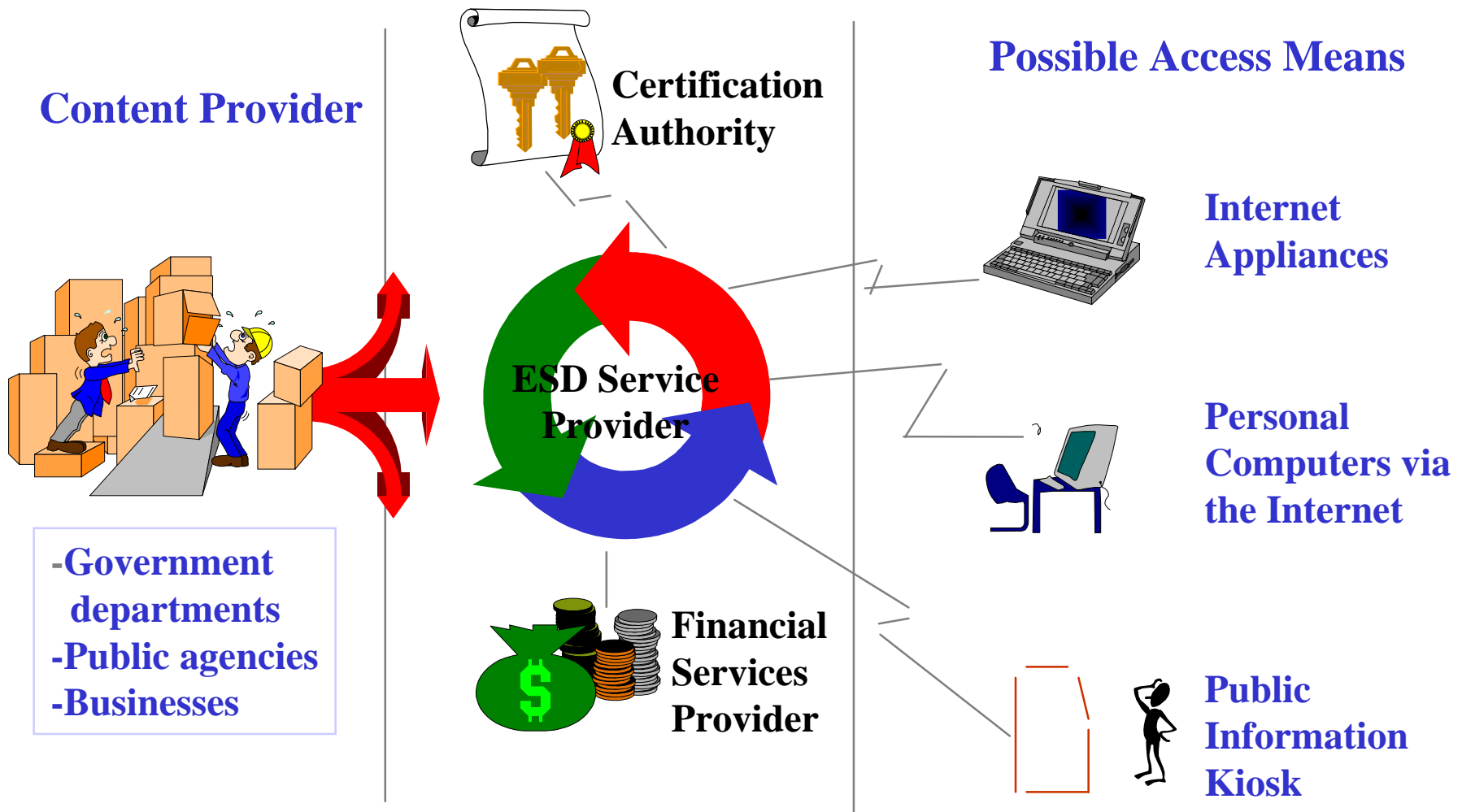
- to ride on the wave of  
doing business on-line
- to improve services and  
administration
- to lead by example



# Government's Infrastructural Initiatives Which Support E-commerce



# Electronic Service Delivery (ESD)



# Legal Framework for Electronic Transactions

- A clear legal framework to enhance certainty and security in electronic transactions
- Enactment of the Electronic Transactions Ordinance (Cap. 553)



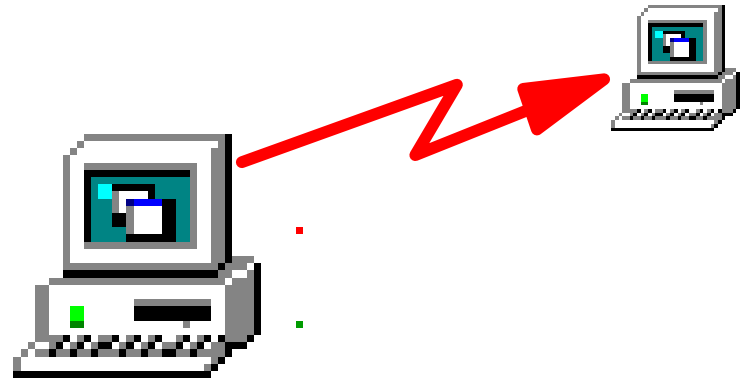
# Voluntary Recognition Scheme for Certification Authorities (CA)

- No mandatory licensing requirement
- CAs apply for recognition on a voluntary basis
- Aims at enhancing public confidence in
  - using recognized digital certificates
  - adopting secure electronic transactions
- Code of Practice for Recognized CAs
- Advisory Committee (ACCOP) to advise Government on the Code of Practice



# Government Strategy on Public Key Infrastructure

- A strategy and technical architecture framework to enable secure electronic transactions :
  - digital signature
  - encryption
  - Web security
  - authentication to network assets
  - Virtual Private Networks
  - directory services and infrastructure



# Common Chinese Language Interface

- A common Chinese interface based on ISO 10646
- Collaboration among Government, academia and industry
- Advisory Committee (CLIAC) to advise Government on the HKSCS and submissions to ISO



# Opportunities for e-Government

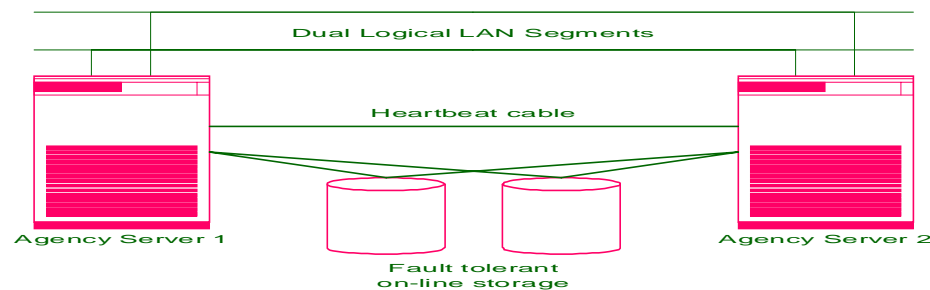
## The Drivers

- *e*-business a world-wide trend
- Governments in many places are also going on-line
- Realistic opportunities in G2G, G2B, G2C, and intra-government e-Business in Hong Kong



# Opportunities for the HKSAR Government

- **Riding on the existing IT infrastructure**
  - Government Network (GNET)
  - Government Communication Network (GCN)
  - Government Information Centre (GIC)
  - Central Cyber Government Office (CCGO)
  - Cyber Learning Centre (CLC)
  - Central Internet Gateway (CIG)
- **Integrating IT management with business management**



# Potential Developments

- Expanding the breadth and depth of the Government IT infrastructure
- Further adoption of ESD
- Electronic forms



# Challenges

## **Critical Success Factors -**

- Government PKI enabling environment
- Information security
- Empowerment of departments in the management and use of IT



# *Thank You*



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