



E-Governance in India - Is India Ready

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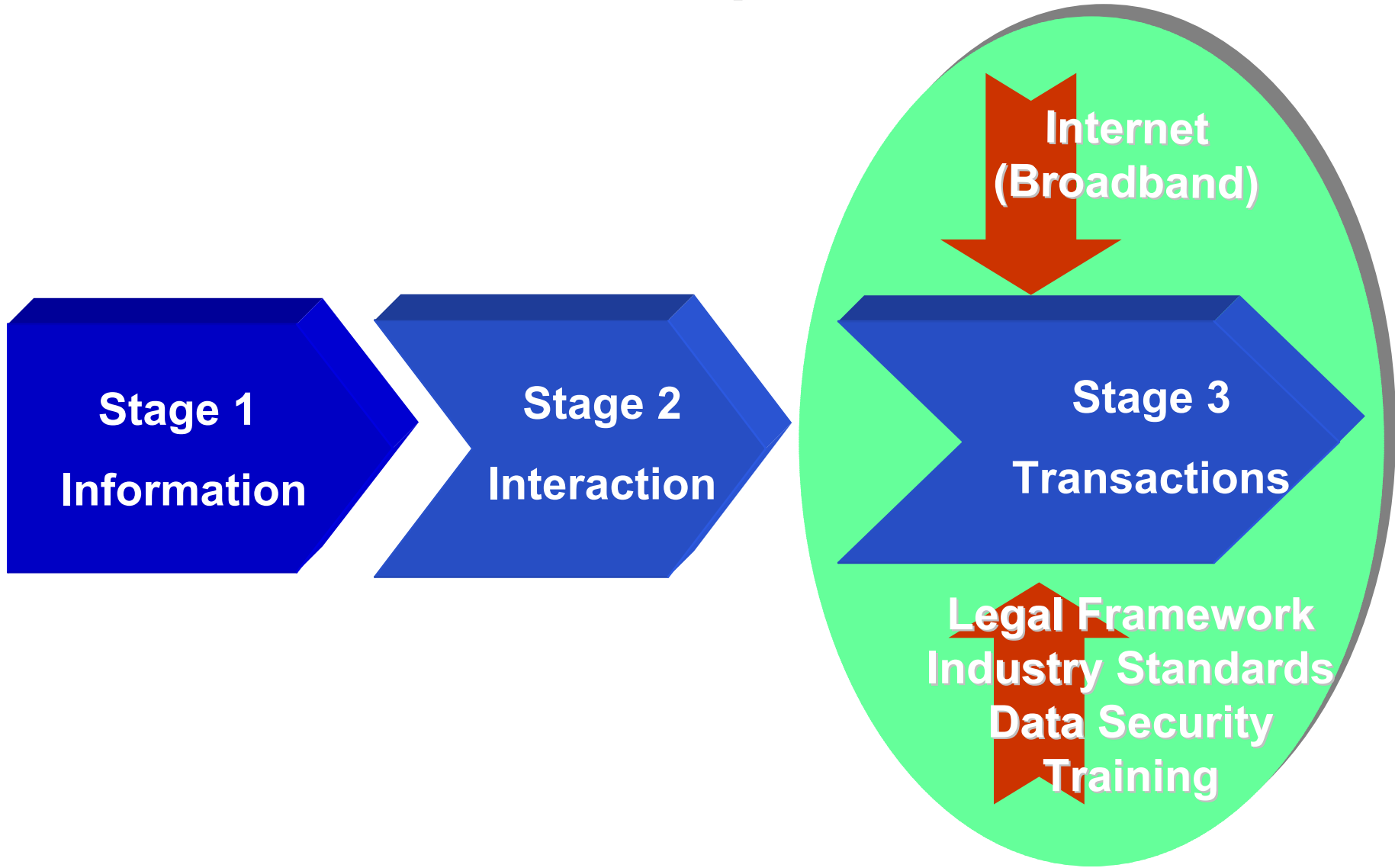
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E-Readiness - Definition

- ❖ **Measure of e-Business Environment**
- ❖ **Market's amenability to Internet-based Opportunities**
- ❖ **Digital Business at the heart of Business**
 - Cross Government Service Delivery
 - Services from Central, State and Local Governments
 - Multi Channel Service Delivery
 - Proactive Communication to Citizens/Businesses
 - Services to Global Audience

Development of E-Readiness



E-Readiness – Business Viewpoint

Digital Business at heart of Business

Digital Transactions Widely Adopted and Efficient

Thrive in Holistically Supportive Environment

E-Readiness – Citizen Viewpoint

Citizens' Ability to Use Technology Skillfully

Transparency of Business & Legal Systems

Government's Encouraging Use of Technology

IT Infrastructure Components

- ❖ **Broadband Access**
- ❖ **Internet Security**
- ❖ **Wireless “hotspots” – Public Access**
- ❖ **Convergence Leadership – Telecom, Internet, Interactive Television**
- ❖ **Innovation in Hardware Design**
- ❖ **Computer Training Institutions**

Public-Private Partnerships.....

Almost Mandatory!!!!

Business Environment

- ❖ **Consolidation of Regulatory Framework**
- ❖ **Transformation of Regulatory Processes**
- ❖ **Online Transactions - “Anytime/Anywhere”**
- ❖ **Reduced Cost of Compliance with Government’s Regulations**
- ❖ **Larger Population Using E-Governance Applications**
- ❖ **Legal Sanctity to Electronic Transactions**
- ❖ **Data Security and Privacy Laws**

Citizen and Business Adoption

- ❖ **Online transactions**
 - **Government to Business**
 - **Government to Government**
 - **Government to Citizens**
- ❖ **Online E-Commerce**
- ❖ **Logistics**
 - **Online Banking**
 - **Online Payment Facilities**
 - **Etc..**

Legal and Policy Environment

- ❖ **Legal Sanctity of Internet based Operations**
 - **Policy**
 - **Enforcement**
- ❖ **Protection of Intellectual Property**
- ❖ **Electronic Delivery of Services**
 - **Register Companies**
 - **Performing Compliance Functions**
 - **Single Face of Government to Citizens and Businesses**

Social Environment

- ❖ **Basic Education of Citizens**
- ❖ **Computer Literacy (Use of Internet)**
- ❖ **Receptivity to New Modes of Operations**
 - **Learn New Modes of Service Delivery**
 - **Digital Certificates**
 - **Internet Banking Services**
- ❖ **eGov Applications to include Social Factors**

Supporting E-Services

- ❖ **IT Consulting Services**
 - **Consistent eGov Plans for Centre and States**
 - **eGov Priorities to match with government's social obligations**
- ❖ **IT Services**
- ❖ **Back-office Solutions**
- ❖ **Use of Industry Standards**
 - **Platforms**
 - **Programming Languages**
 - **eGov Application Architectures**

Connectivity Infrastructure in India

Component	Number
Internet Connections	40 lacs
Broadband Connections	4 lacs
WiFi Connections	Negligible
Mobile Telephone lines	570 lacs
Fixed Telephone lines	470 lacs

E-Readiness Rating

Component	Score
Connectivity	1.40
Business Environment	6.29
Consumer and Business Adoption	4.25
Legal and Policy Framework	4.86
Social and Cultural Environment	4.40
Supporting E-Services	6.50
Overall Rating	4.17

Worldwide Ranking: 49th
Asia Pacific: 10th

- ❖ **Long way to go in Network Infrastructure**
- ❖ **Strengthening of Legal Framework for Digital Transactions**
- ❖ **E-Governance Plans**
 - **National eGov Plan (NeGP) Ready**
 - **State eGov Plan (SeGP) – Expected by the end of this year**
- ❖ **MCA21**
 - **End-to-end automation of work processes**
 - **Use of Digital Signatures and Legally Binding eBiz Transactions**
- ❖ **eBiz**
 - **Government-to-Business Portal**
 - **Service Delivery and eBiz Transactions**
- ❖ **More Electronic Services Needed from Governments and Companies**
- ❖ **Very Good in Business and Support Services**

Thank you

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