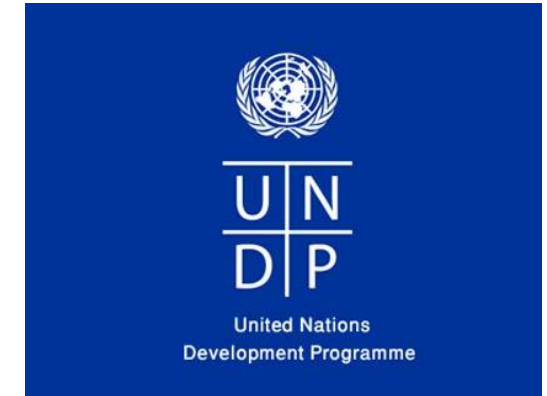


Department of Electronics
and Information Technology,
Government of India



e-Government initiatives

Anoop Kumar Agrawal,
President and CEO,
National e-Government Division,
Deity
26-08-2015

e-Governance Development Index

- **Online Service Component**

- *Basic e-services, e-participation, Multi-channel service delivery*
- Emerging, Enhanced, Transactional & Connected services

- **Telecommunication Component** **Infrastructure**

- Internet users, Wireless broadband subscriptions and fixed broadband subscriptions
- Main fixed telephone lines, Mobile subscribers

- **Human Capital Component**

- Adult literacy rate, Gross enrolment ratio,
- Expected years & Average years of schooling

Digital India

- **Governance and Services on Demand**

- Seamlessly integrated departments, Services through online/mobile, Services for ease of doing business, making financial transactions electronics and cashless, leveraging GIS

- **Infrastructure as a core utility to citizens**

- High speed Internet, Cradle to Grave Digital Identity, Mobile Phone and Bank Account, Common Service Centres, Private Space on Public Cloud, Safe & Secure Cyber Space

- **Digital Empowerment of Citizens**

- Universal Digital Literacy, Universally accessible Digital Resources, Digital Resources in Indian languages, Collaborative Digital Platform, Citizens not required to submit physical documents

Online Service Component

- [Aadhaar](#)
 - [Digital Locker](#)
 - [E-Sign](#)
- Financial
 - [PayGov](#)
 - [Jan Dhan Yojana](#)
- Mobile Enablement
 - [Mobile Seva](#)
 - [Mobile Based Digital Identity](#)
- E-participation
 - [E-Taal](#), [MyGov](#), [e-Sampark](#) and [Social Media](#)
- [Mission Mode Projects](#)
 - Delivering >400 million e-Transactions per month
 - CSCs, [e-Districts](#), [IncomeTax](#), MCA21, eBiz, Road Transport, eCourts etc
- [Open Data Initiatives](#)
 - National Portal of India



Details

Telecommunication Infrastructure Component

- [Public Internet Access Programme](#)
- [NOFN and BharatNet](#)
- [Mobile Connectivity](#)



Details

Human Capital Component

- [National Digital Literacy Mission](#)
- [e-Bhasha](#)



Details

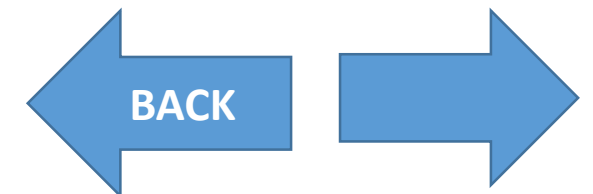
Points for consideration

- Online Service Component
 - Maturity level – all stages of services namely Emerging, Enhanced, Transactional & Connected services being delivered. This needs to be converged.
- Telecommunication Infrastructure Component
 - Mobile majorly used as a substitute for fixed line phone in India, may not be treated as separate parameters
 - More than 140,000 operational Common Service Centres, which, provide internet access in assisted mode in rural areas to be factored in.
- Human Capital Component
 - Human capital indicators for obtaining online services to be brought in.

Thank You

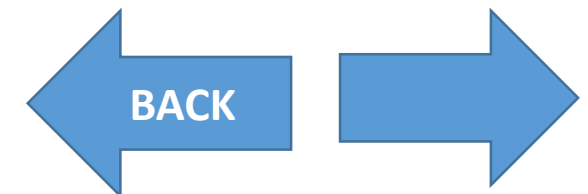
Aadhaar

- Single Source of Truth
- Providing demographic, photo as well as biometric based authentication
- Coverage: ~900 Million
- Direct Benefit Transfer
 - LPG – led to saving of INR 150 Billion
 - Scholarship
 - PDS



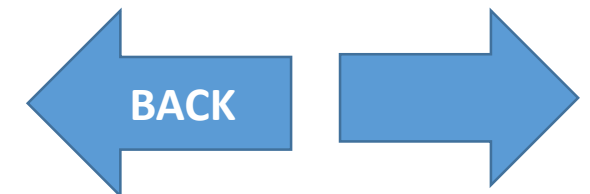
Digital Locker

- <https://digilocker.gov.in/>
- Objective:
 - Providing Online facility for government and other agencies to send the electronic documents of citizens, storing legacy government certificates / documents
 - Providing accessibility from anywhere and at anytime basis, verification from the source in case of government issued documents
 - Providing facility to share the documents with service providers
 - Getting rid of physical possession of documents and physical visits for availing services
- Safe and secure authentication through Aadhaar (UID)
- Coverage e-District, Educational Certificates...etc

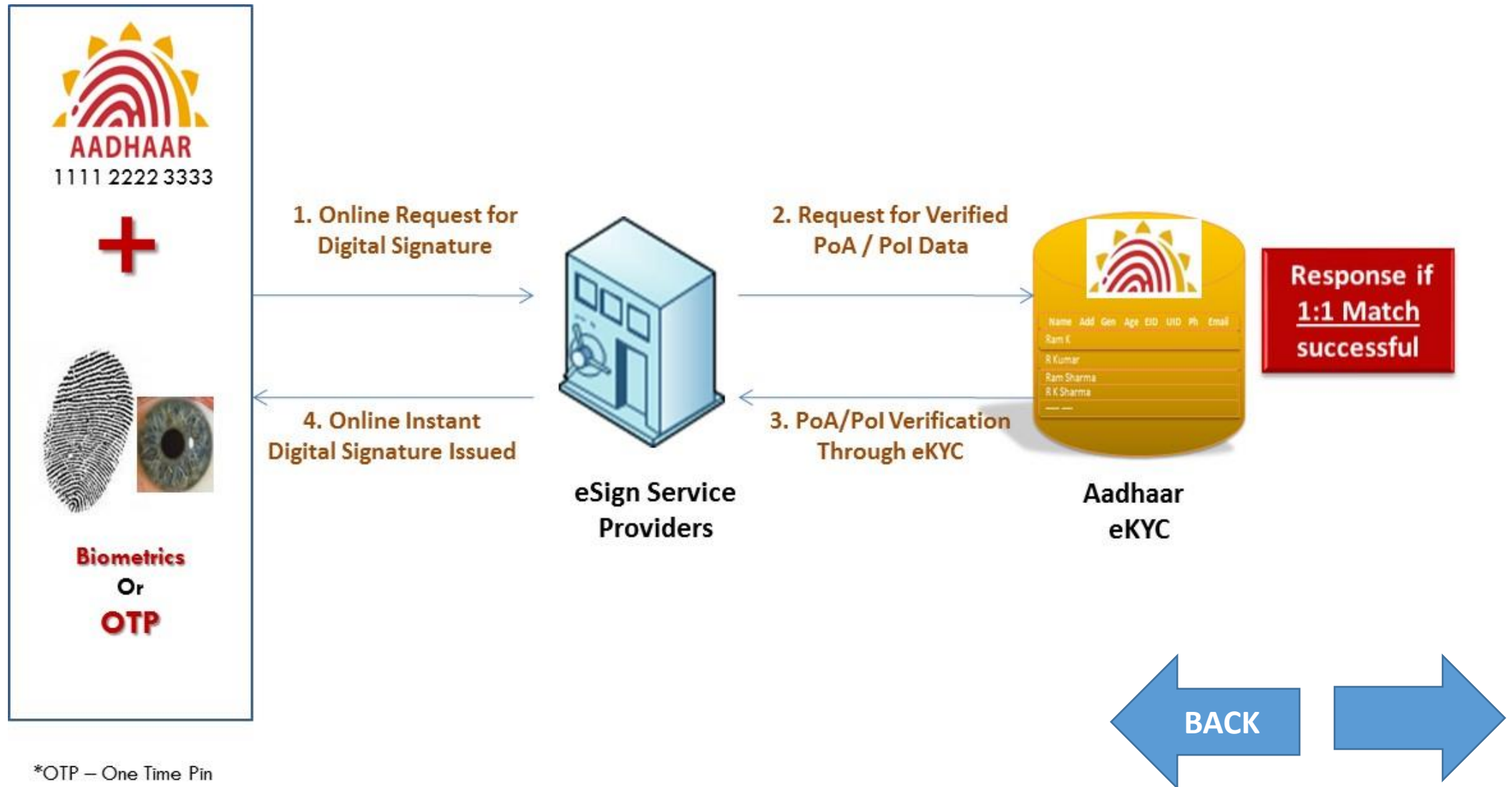


E-Sign

- Digital Signature Certificate treated on par with physical signature as per IT Act, 2000
- Gap in operational aspects of Digital Signature Certificate
 - Dongle based
 - Time-bound Validity
 - Prone to misuse like impersonation
 - Limited adoption
- E-Sign
 - Safe and Secure and biometric based authenticated
 - Life long, issued each time.
 - Cannot be impersonated
 - Hassle free as it cannot be misplaced, misused or lost
 - Cost effective as business model could be based on transaction



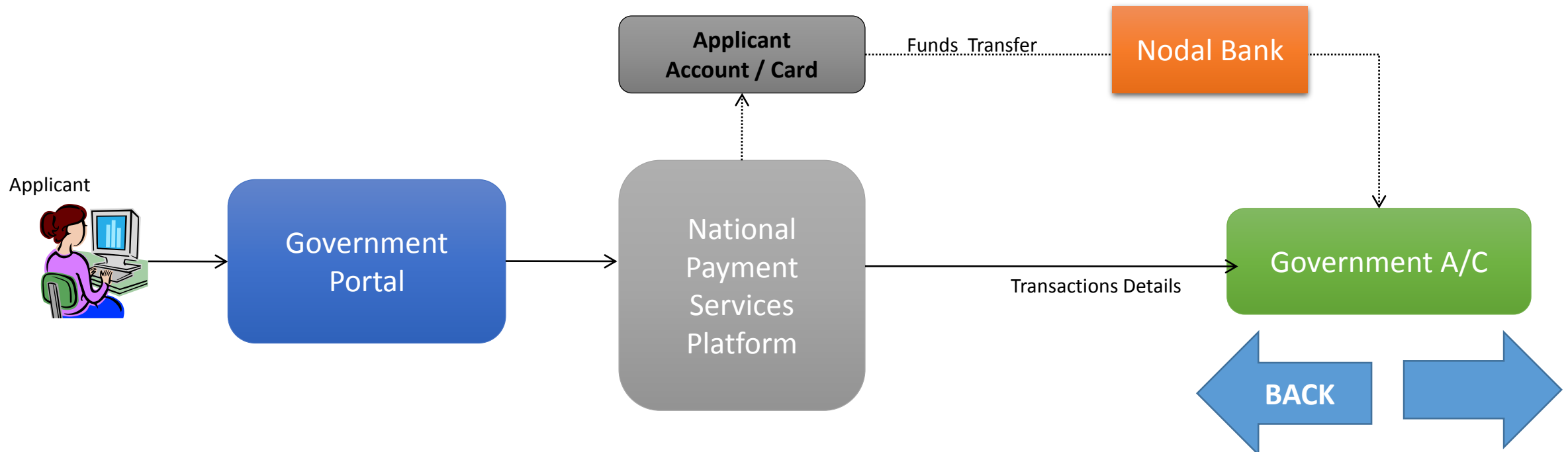
India in e-Governance Development Index



eSign is envisaged to be a giant leap towards large scale adoption of digital signature and hence paperless transactions

PayGov

- Facilitate online payment to all PSU and major private banks
- **Payment Modes** – Netbanking | Debit/Credit Card | Prepaid/Cash Card/Wallet | IMPS | Mobile Wallet
- **Reconciliation & Settlement** – Funds transferred to State Nodal Bank by **T+1 EOD**
- **Live in more than 16 Departments**



Jan Dhan Yojana

- Massive programme on financial inclusion
- Target to enable at least one bank account in each household
- Each Saving Account Holder to have insurance facility
- 18 million Bank accounts opened within a week (23-29 August, 2014)
- <http://www.pmjdy.gov.in>



Mobile Seva

- ▣ **PUSH SMS:** 1856 Central and State Depts, >6.4 billion+ SMS PUSH transactions delivered
- ▣ **PULL SMS:** 430+ unique services operationalized, >6.7 million SMSes pulled

Mobile AppStore

- 635+ live mobile apps (>326516 downloads)
- 7.35 lakh polling booths (out of total ~8.5 lakhs) mapped using DeitY's mobile app for polling station location

BACK



The banner features the Department of Electronics & Information Technology logo on the left, the Mobile Seva logo in the center, and the CDAC logo on the right. The text 'The National Mobile Governance Initiative' is prominently displayed in the center. Below the banner is a navigation bar with links: Home, About Us, Data Analytics, Citizen Services, Department Services, Resources, Training, Contact Us, and Awards.

Department of Electronics & Information Technology

सत्यमेव जयते
Ministry of Communication & Information Technology, Government of India

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मोबाइल सेवा
Mobile Seva

सी डैक
CDAC

The National Mobile Governance Initiative

Home | About Us | Data Analytics | Citizen Services | Department Services | Resources | Training | Contact Us | Awards

Depts. / Agencies Integrated

1,856

No. of Push SMS Transaction

Till Date: 6,44,69,08,479

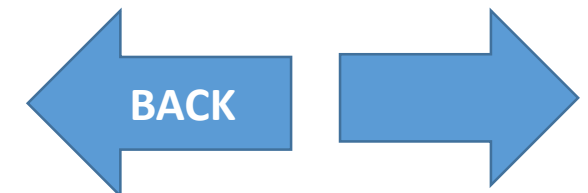
August 2015: 58,53,47,277

App Downloads

Till Date: 3,26,497

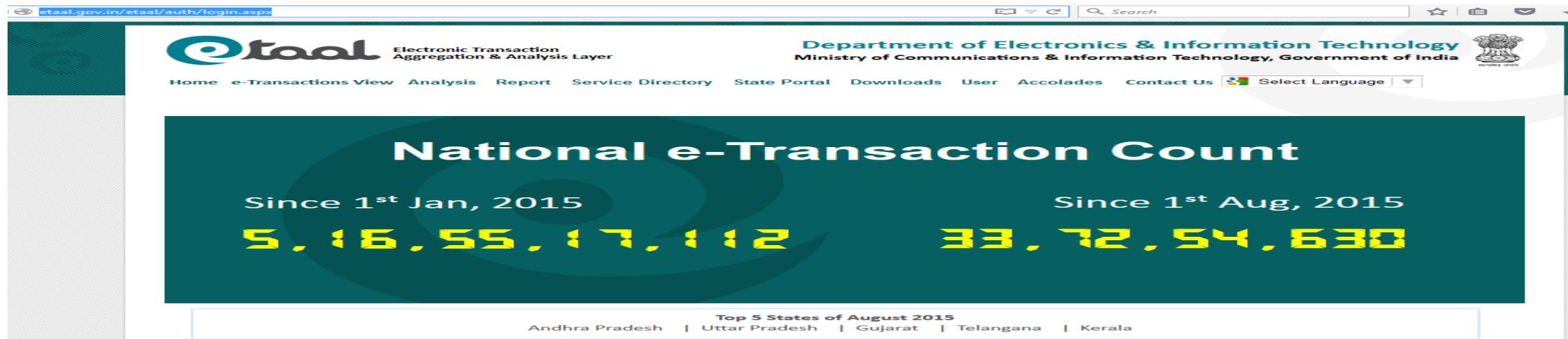
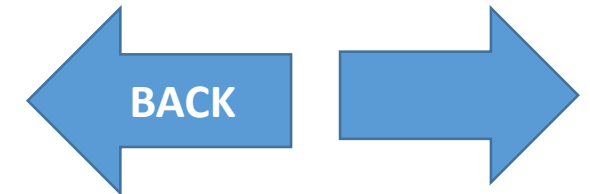
Mobile Based Digital Identity

- Mobile added to Aadhaar database having >900 million population
- Facilitating domain independent transaction flow
- Three options:
 - Mobile number linked with Aadhaar
 - Mobile based digital signature
 - Voice biometrics alone or Mobile number plus voice biometrics



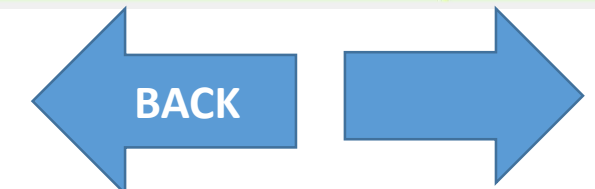
E-TAAL

- Electronic Transaction Aggregation and Analysis Layer
- <http://etaal.gov.in/etaal/auth/login.aspx>
- Providing real time status on delivery of electronic services
- Promoting healthy competition amongst
 - States / UTs
 - Departments and
 - Mission Mode Projects / e-Governance Initiatives



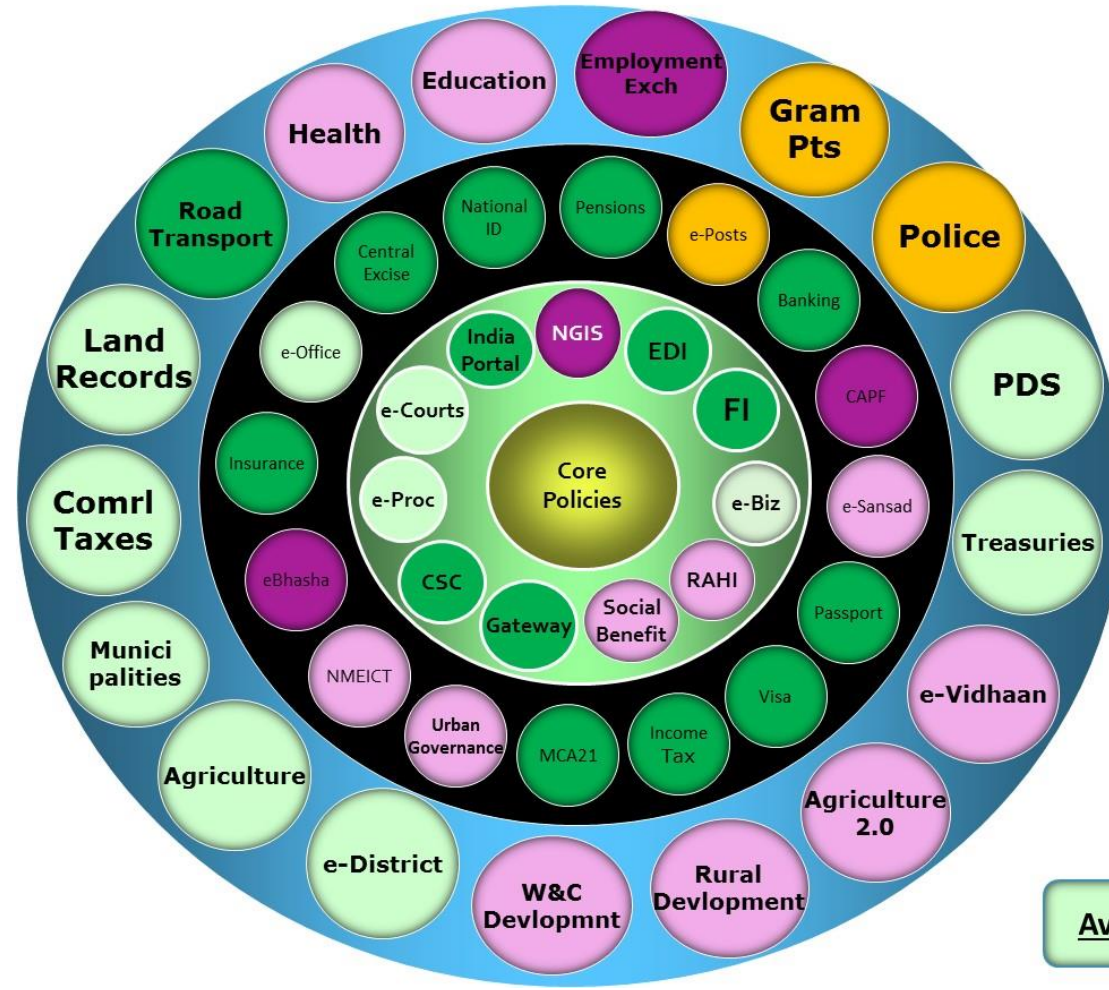
MyGov, Social Media and e-Sampark

- **MyGov** facilitating two communication amongst Government Organizations and Common Citizens
- **E-Sampark database** being utilized for mass communication to all email and mobile users



Mission Mode Projects

- Focused on delivery of services
- Binding all national level e-Governance projects under e-Kranti framework
- 44 MMPs delivering >400 million transactions per month



e-Kranti (NeGP 2.0)



Avg >400 million e-Transactions /per month

BACK

Mission Mode Projects – e-Districts | Income Tax

- e-Districts MMP providing high volume citizen centric services
- Operational in >450 districts in 22 States
- Avg no. of e-Transactions: 3.7 million e-Transaction per month
- Delivering certificates like birth, caste, income, marriage, death...etc
- Income Tax MMP providing online return, e-filing of returns, downloading of challans, taxpayer information
- Online tax calculator, payment of taxed online, Online facilities for deductor / deductee on TIN website, challan status enquiry
- Income tax services also mobile enabled through mobile App and SMS services
- Avg no. of e-Transactions: >3.5 million e-Transaction per month



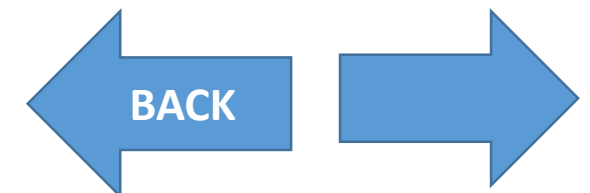
Open Data Initiatives

- National Portal of India
- State Portals – States having dedicated websites
- All Government Departments having dedicated website
- Open Government Data Platform (<https://data.gov.in>)
- Policies of Government of India
 - National Data Sharing and Accessibility Policy
 - Policy on Open Application Programme Interfaces (Open APIs)



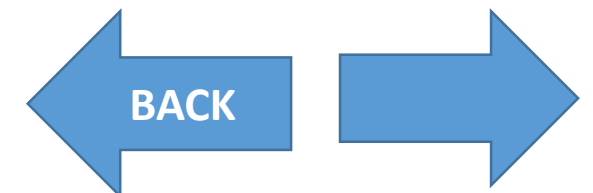
Public Internet Access Programme - CSCs

- Common Service Centres (CSCs) providing G2C services in rural areas
- More than 140,000 CSCs operational
- Avg no. of e-Transactions: 113 million e-Transactions per month
- Delivering wide range of services like certificates, digital literacy...etc
- More than 200,000 candidates certified under National Digital Literacy Mission
- UIDAI launched enrolment drive to cover children below 5 years
- <http://www.csc.gov.in/>



NOFN → BharatNeT

- National Optical Fibre Network
- Coverage 250,000 Gram Panchayats
- Services
 - Basic Services – Birth, Death, Marriage, Caste Certificates
 - Educational Services
 - Healthcare services - telemedicine
 - Financial, Insurance and Pension services
- Revamped version of NOFN – BharatNET – major shift in implementation



Universal Mobile Connectivity

- Coverage: to cover uncovered 55.649 villages i.e. out of over 600,000 villages in India
- Detailed Project Report (DPR) for 4,752 uncovered villages in Himalayan States (Jammu & Kashmir, Himachal Pradesh and Uttarakhand) and 2,138 uncovered villages in Western States (Rajasthan, Gujarat, Punjab and Haryana) being finalized



National Digital Literacy Mission - NDLM

- Plan to train at least one in each household
- Project to cover 5.25 million people

www.ndlm.in

NATIONAL DIGITAL LITERACY MISSION
Har Ghar e-Sakshar (NDLM)

Department of Electronics and Information Technology
Ministry of Communications & Information Technology,
Government of India

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"Digital India is our dream for the nation.
When I say 'digital India' it is not meant for
the rich but for those who are poor"

Training Partners 999	Enrolled for Training 12,10,914	Trained Candidates 6,39,146	Certified Candidates 2,24,149
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BACK

E-Bhasha

- All Government websites: bilingual → multi-lingual
- Digital India website available in 12 languages
- Work in progress to cover all 22 constitutionally recognized languages

