Framework for Replication

Roadmap for Productisation of e-Governance Applications
Agenda

✓ Productisation – An Overview
✓ Need for Replication
✓ Select Productised eGovernance Apps.
✓ Replication Framework
✓ Future in Retrospect
Current Challenges for Replication

- Takes Long Time to Evolve
- Lack of Replication Framework
- eGov Applications
- Minimal Replication
- Poor Architecture
Process of converting an Application for Re-use by making it Customisable & Configurable

Bespoke Solutions  Productisation  Rapid Replication
Elements of Productisation

- Services, Processes, Data Model
- Solution Architecture
- Industry Standards Adoption
- Solution Development
- Configuration & Customisation
- Technology Agnostic
- Legacy Integrations
- Packaged Solution
- Operations & Maintenance
Select Productised e-Gov Applications

- **CCTNS CAS** – Application of MHA
- **Vahan & Sarathi Application of Transport Department** – Designed & Developed by NIC, GoI
- **VATSoft Application of Commercial Taxes Department** – Designed & Developed by NIC, GoI
- **eProcurement Portal** – Designed, Developed by NIC, GoI
- **Service Plus** - Designed & Developed by NIC, GoI
Replication Framework – 7 Step Approach

- Policy Framework
- Application Identification
- Stakeholder Identification & Analysis
- Vendor Selection
- Simulate and Test
- Migrate to AppStore
- Documentation
Future in Retrospect

- How to popularise ‘Standardisation’ adoption?
- How to bring IP protected Technologies on a Common Sharing Platform?
- How to Sustain User / Seeker Department’s Interest?
- What is the Future beyond Solution Productisation?
- Need for a Policy on Replication and Productisation
THANK YOU

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