



**NATIONAL
CONFERENCE
ON e-GOVERNANCE**
30th & 31st January 2014, Kochi

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



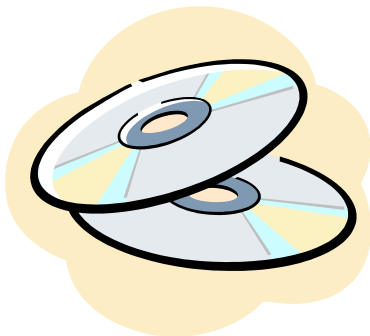
Poor Architecture

Minimal Replication

Productisation and Replication

- 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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