

Espousal of ODF by the Department of IT GoNCT Delhi

Prof. Rajanish Dass

Indian Institute of Management, Ahmedabad

rajanish@iimahd.ernet.in

Open Document Format (ODF)

- ODF is an XML based document file format for
 - saving and exchanging editable office documents
 - including memos, reports, and books
 - spreadsheets, charts and presentations.
-

Impacts of Using ODF

- Better options for document access
 - Cutting out 'vendor lock-in'
 - Greater choice among vendor selection
 - Promise for supporting innovation
 - Low cost of switching
-

Global Scenario

- Governments across the globe are giving ODF serious considerations
 - Thirteen nations across the globe are planning for adapting to ODF
 - A number of other governments have started providing active support to usage of ODF by encouraging end-users
-

DoIT GoNCT Delhi

- ❑ Created in 2000
 - ❑ Was playing major role in enabling other departments and offices for adapting to IT and ensuring proper usage of IT
 - ❑ Was playing pivotal role in a number of citizen-centric projects
 - ❑ Was in line with the government's vision of *Bhagidari* – citizen-government partnership
-

Use of IT in Gov. of Delhi

- Usage of IT across departments was going up
 - In 2004 total IT related procurement against 52 orders was Rs. 73.5 Lakhs
 - In 2005 total IT related procurement against 117 orders was Rs. 352 Lakhs
 - Approx **379%** increase in IT procurement
-

Circular by IT Secretary

- On 30-Nov-05 Secretary (IT), Delhi issued a circular to encourage use of OpenOffice
 - Prohibited purchase of licensed Office suite across all departments, even on demand
 - Acted as the enabler for managing this change by asking clarifications to be directed to DoIT
 - Main reason for taking this decision was cost-cutting
-

Cost Implications

| Year | Month | Total Purchase | Office Suite and/or License Purchased |
|------|--------------|----------------|---------------------------------------|
| 2004 | September | 142089 | 128321.06 |
| 2004 | October | 26502 | 18334.2 |
| 2004 | November | 190157 | 151920.86 |
| 2004 | December | 62294 | 33696.64 |
| 2005 | January | 151206 | 19574.62 |
| 2005 | February | 402762 | 383668 |
| 2005 | March | 1592874 | 1508323.58 |
| 2005 | April | 424013 | 74870.04 |
| 2005 | May | 0 | 0 |
| 2005 | June | 31146 | 29968.64 |
| 2005 | July | 0 | 0 |
| 2005 | August | 14984 | 14984.32 |
| 2005 | September | 0 | 0 |
| 2005 | October | 18712 | 18712.32 |
| 2005 | November | 0 | 0 |
| 2005 | December | 43092 | 19644 |
| | Total | 3099831 | 2402018.28 |

Cost Implications

- 78% of the total software purchase was for buying licensed Office suites
-

Other Initiatives

- State Judiciary systems are based on Open Standards up to district level courts
 - HMIS for 31 hospitals to use Open Standards
 - Super speciality hospital Institute of Liver and Biliary Services (with a budget of Rs. 3.5 billion) will use Open Standards
-

Savings for HMIS for Hospitals

| Type of Hospital | No. of Nodes | Extra Financial Implication for Windows XP @Rs.3500 per node | No. of Hospitals | Total Amount Saved (INR) |
|------------------|--------------|--------------------------------------------------------------|------------------|------------------------------------|
| A | 200 | 700,000 | 3 | 2100000 |
| B | 300 | 1050000 | 20 | 21000000 |
| C | 400 | 1400000 | 8 | 11200000 |
| | | TOTAL SAVINGS | | 34300000 (34.3 million) |

Savings from Licensing Fees

| Licensing Cost per user | Year 1 | Year 2 | Year 3 | Year 4 | Total Lic Cost /user | Total Lic Cost for 10,000 users | Approx Cost (INR) |
|--------------------------------------------------------------------|----------|----------|----------|---------|----------------------|---------------------------------|-------------------|
| Opt 1: Migrate to StarOffice | US\$50 | \$0.00 | \$0.00 | US\$50 | US\$ 100 | US\$ 100,000 | 4500000 |
| Opt 2: Upgrade to latest version of MS Office and accept Assurance | US\$ 156 | US\$ 156 | US\$ 156 | US\$ 73 | US\$ 541 | \$5.41 million | 243.45 mn |
| SAVING | | | | | | \$ 5.3Mn | 238.5 mn |

Total Savings

- Total Savings:
 - Savings from using Linux: Rs. 34.3 mn
 - Savings from Licensing fees: Rs. 238.5 mn
 - **Total Savings: Rs. 272.8 mn ~ Rs 28 Cr**

 - Add to this the cost of a lower downtime + freedom from vendor lock-in and enabling migration+ future upgrades
-

Training from DoIT (Apr 03-June 06)

| | |
|--------------------------------------------------------|------|
| Total students nominated For Computer Training | 3030 |
| Total students trained | 2305 |
| Summary | |
| Total students nominated For Basic Computer Literacy | 2469 |
| Total students trained For Basic Computer Literacy | 1909 |
| Total students nominated For Advanced MS Excel | 234 |
| Total students trained For Advanced MS Excel | 162 |
| Total students nominated For Web Technology | 114 |
| Total students trained For Web Technology | 75 |
| Total students nominated For DBMS | 19 |
| Total students trained For Data Base Management System | 9 |
| Total students nominated For Open Office | 204 |
| Total students trained For Open Office | 150 |

Challenges faced by DoIT

- Inertia to change
 - Particularly from large departments with more than 400 employees
 - Ease of recruiting staff who are highly conversant with Open Standards
 - Strong support system to be in place
 - Less awareness
 - More of training institutes to be supported so that man power is available at market rates
-

Economic Advantage

- Huge savings on cost
 - Particularly for projects that will have large number of users
 - No vendor lock in
-

Economic Advantage

- In case of perfect competition, market determines the price
 - Local innovations can be supported at low cost
 - Better sustaining capability due to presence of many players
-

Economic Advantage

- ❑ Competition will also determine that enhanced products reaches customer in right time and not the other way round
 - ❑ One bold step towards citizen centric policies
 - ❑ Boon for nurturing ICT enabled economy
-

Road Ahead

- Make decision makers aware of the benefits of ODF
 - Make common people aware of the benefits of ODF
 - Unless people start using Open Standard software in their home PCs, it will be difficult for them to avoid the inertia to change at their workplace
 - Promote Open Standard in schools, colleges and universities
 - Go an extra mile for people from non-technical background
-



Instituting Change...

Thank You!!

