

# Migration to OSS : experiences

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City of Schoten  
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# Presentation of the city of Schoten

- 33.000 inhabitants = more then the cities of :  
Tongeren (29.700) Lier (32.700) Herentals (25.700) Deinze (27.800) Geraardsbergen (30.900) Oudenaarde (28.100)
- 400 members of personnel
- 200 desktops
- more then 20 servers
- 15 remote locations
- computer department : 3 FTE's

# Which OSS do we already use ?

## Server-side (1) :

- mail : zarafa, postfix, clamav
- mailrelay : postfix, clamav, amavisd, spamassassin, postgrey, maia mailguard, ...
- management servers : webmin, nagios
- file servers : suse sles, centos, ubuntu, ...
- helpdesk : otrs
- firewall : firewallbuilder, ubuntu os
- internet gateway : squid, squidguard, ...

# Which OSS do we already use ?

## Server-side (2) :

- road warriors/secure remote connection : openvpn
- backup : rsync, ahsay, ...
- telephony : asterisk, trixbox
- intranet : joomla
- website cultural department : joomla
- gis : deegree, postgis, postgresql
- secure webbased access intranet : ssl Explorer

# Which OSS do we already use ?

## Server-side (3) :

- hotspot public library + cultural department : choova-chilli
- backup images : ghost for linux (g4l)
- virtualisation : virtualbox, kernel virtual machine
- system tools : knoppix, vnc (take over desktops), wireshark, ....
- printing : cups
- documentation : docuwiki, owl
- e-learning : moodle, dokeos

# Which OSS do we already use ?

Server-side (4) :

- reservation : MBRS
- camstudio : making instruction video's
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# Which OSS do we already use ?

## Client-side (1) :

- webbrowser : firefox
- office suite : openoffice (not yet in general)
- making PDF's : PdfCreator
- zipping : filzip
- mindmapping : freeminder
- project management : open workbench
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# Which OSS is planned on the MT ?

## Server-side (1) :

- document managent : alfresco
- extension asterix : link with sugarcrm (all citizins) + alfresco
- thin client : linux based material
- external website ([www.schoten.be](http://www.schoten.be)) : drupal or plone/zope
- migration macro's Word to Java-based system
- authentication openldap
- warehouse management : openbravo

# Which OSS is planned on the MT ?

Server-side (2) :

- dimdim : webmeeting, webconference, ...
- zoneminder : security monitoring with camera
- freeNAS



# Experiences Migration to OSS (1)

- smooth : due to preparation, testing, fall-back procedure, redundant systems, ...
- transfer of knowledge during migration : after implementation the “intellectual control” of the new system must reside internally
- no supportcontracts (upgrade yes) : sufficient internal knowledge
- steep learning curve for collaborators
- users don't know that we use os
- politicians don't know it either ....

# Experiences Migration to OSS (2)

- ease of testing, copying, ...
  - ease of problem solving : the log messages are clear so resolving problem issues is easier and faster
  - stability, security, less interventions, ...
- use of oss is very pragmatic, not theoretical, not ideological !!

# Experiences Migration to OSS (3)

Items to overcome :

- translations in Dutch
- “to invent the wheel again” - syndrome : doing research/testing already done by other administrations
- in general little support of politicians (how many votes will I gain with it ?)
- spending a lot of time in helping other cities, municipalities, non-profit organisations because of lack of local OSS Competence Centre
- lack of good manuals : as a consequence the training is mostly done by ourselves (small manual, movie, training sessions, ...) which is very labour intensive

# Added value of OSOR (1)

- legal support of the European commission, e.g. EUPL
- projects/software mentioned are already in use in public administrations : no need for pre-research
- good connection/collaboration with other repositories

# Added value of OSOR (2)

interesting projects to use in our environment :

- pdf-as : signature for pdf
- opencimetière : managing cemeteries
- vitefait : fastly making webforms
- GRR : to replace MBRS

interesting project to put on the Osor-repository :

- pop-up screen from SugarCRM when incoming call
- link between SugarCRM and Alfresco

# Added value of OSOR (2)

Items to pay attention to :

- translations of the interface of the software : english OK but french, spanish, german, swedish, ... it's a lot of work to do for a single city/community.
- detailed description of the projects in different languages
- use of youtube(or own IDA movieplatform ?) for e-learning : e.g. drupal has 657 instruction movies (installation, presentations, ...) with rating of viewers, nr of downloads, ...

# Added value of OSOR (3)

Items to pay attention to :

- sharing and spreading experiences by organising personal contacts, live-demo's, hands-on labs, in-depth sessions, ....
- filming those events and putting them on Osor (cfr Google talks)

My suggestion : be as pragmatic as possible .... :-)

# Schotenen



Questions ???

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