

LiMux

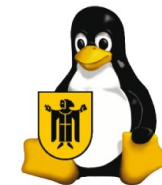


Landeshauptstadt
München

■ LiMux – free software in Munich

Florian Schießl

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LiMux
Die IT-Evolution

Agenda

The IT situation in Munich's administration

The LiMux client and its infrastructure

The business applications

The migration to OpenOffice.org

Motivating our employees

Where are we now, where are we going tomorrow?

The IT situation in Munich's administration

Technical

- ~ 14,000 PCs, 16,000 users
- MS Windows NT 4 and Office 97/2000
- ~ 170 business applications (not including base applications)
- ~ 300 software products
- Different file services
- Centralised and distributed directory services
- Different products for system and config management and software distribution
- Different MS Office solutions for template and text module management
- Only e-mail and LDAP is one and the same

Organizational

- 12 departments with different infrastructure
- 17 units running their own IT
- 350 IT staff members
- 120 project members
- Centralized steering for strategy and procurement
- Decentralized planning and operating
- Different operating and support concepts
- No common standardized procedures

Main decisions 2003

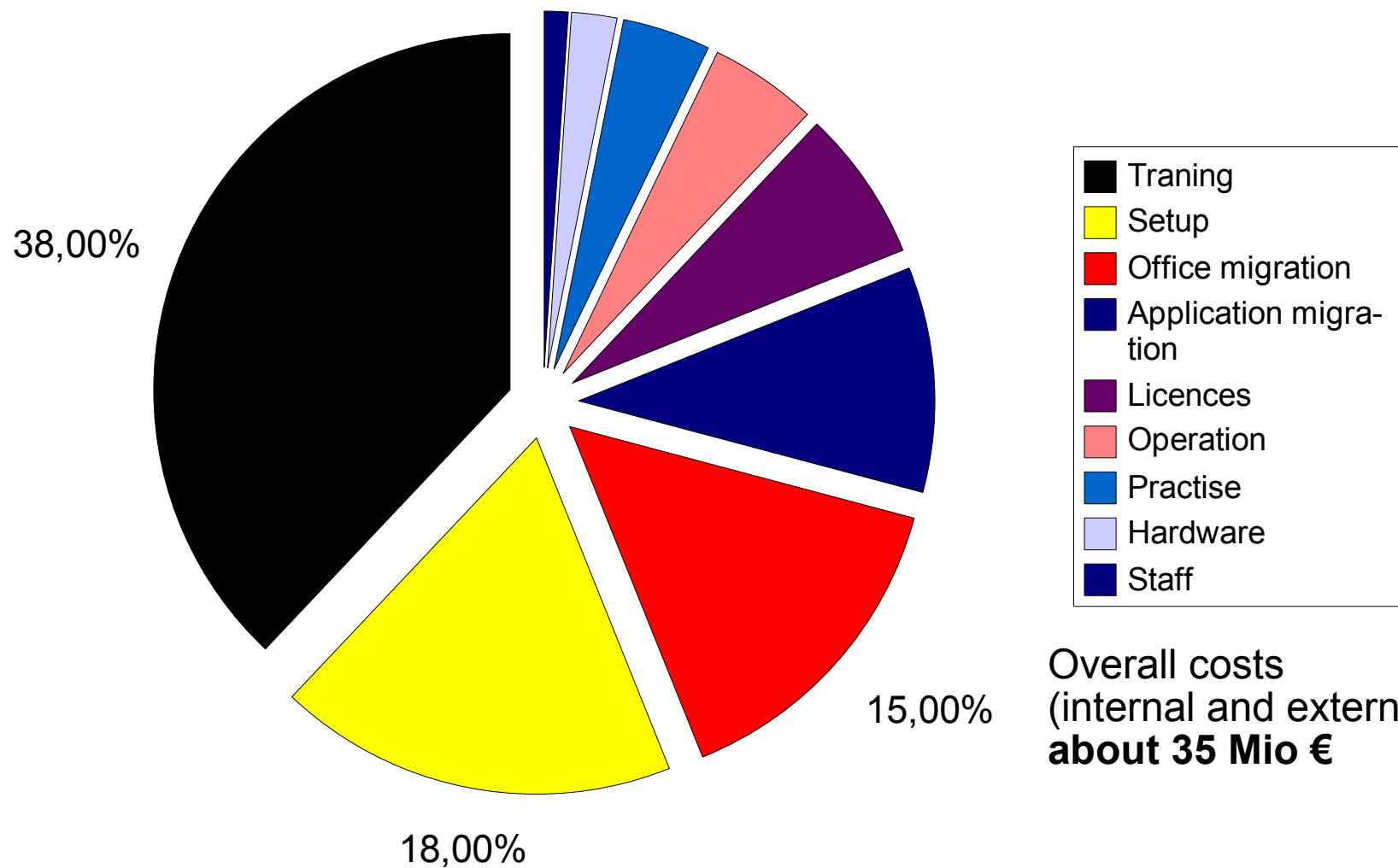
Free software (Open Source) for the operating system and office

New client/server applications will be developed or with web-based access

► Thus

- More independence from software producers
- More equality of opportunities
- More competition in the software market
- Complete open source program code (maintenance, security)
- Middle term monitoring of costs (reduction)
- Better protection from virus attacks

Estimated costs after detailed conception



Overall costs
(internal and external):
about 35 Mio €

Main components of the basic operating system

Distribution / base system

- Debian GNU/Linux sarge

Graphical user interface

- K Desktop Environment (KDE 3.5)
- XOrg X-Server

Office system

- OpenOffice 2.x

Communication

- Thunderbird 1.5.x
- Firefox 1.5.x

Image editing

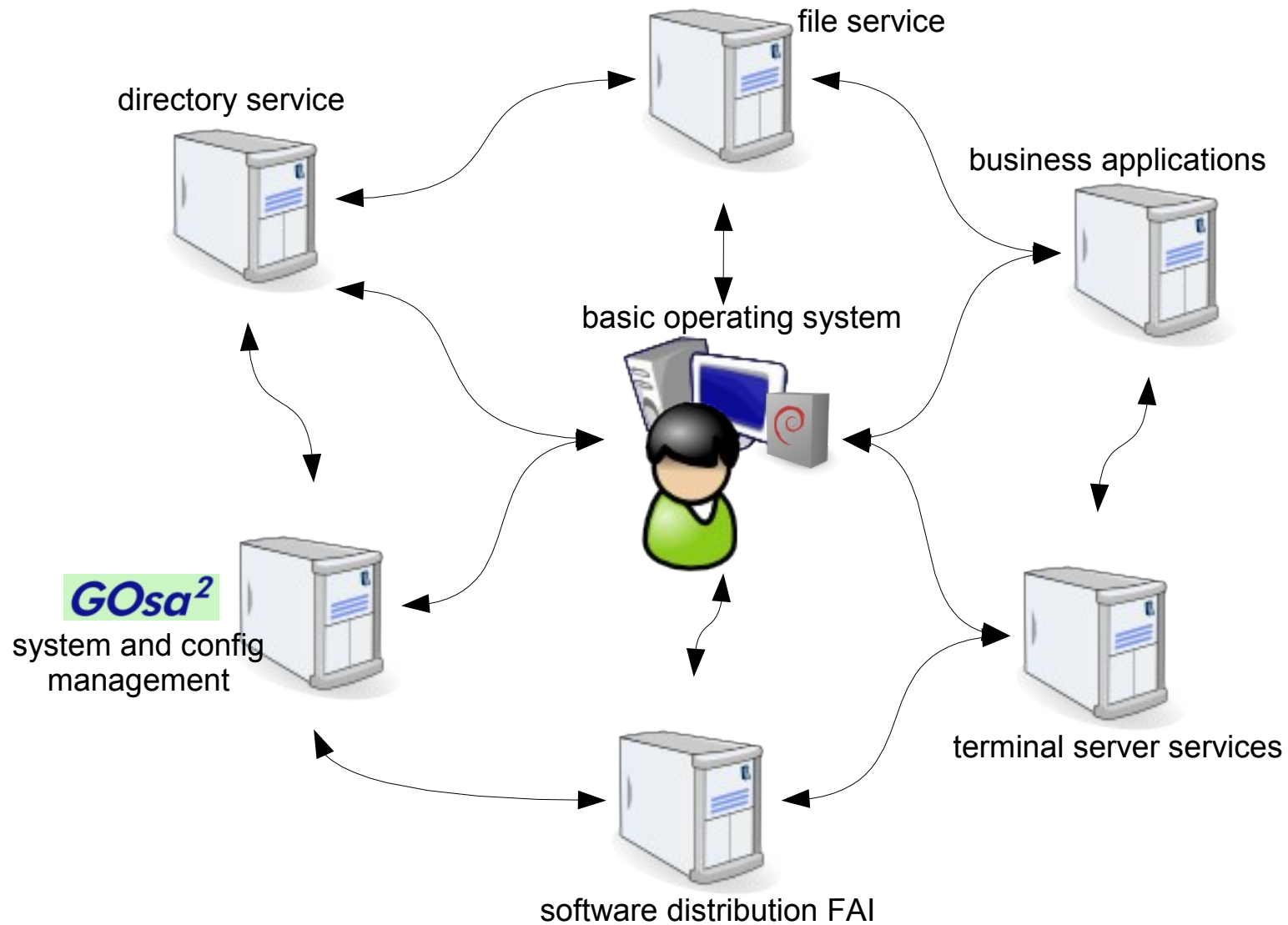
- GIMP 2.x

Screenshot GOsa

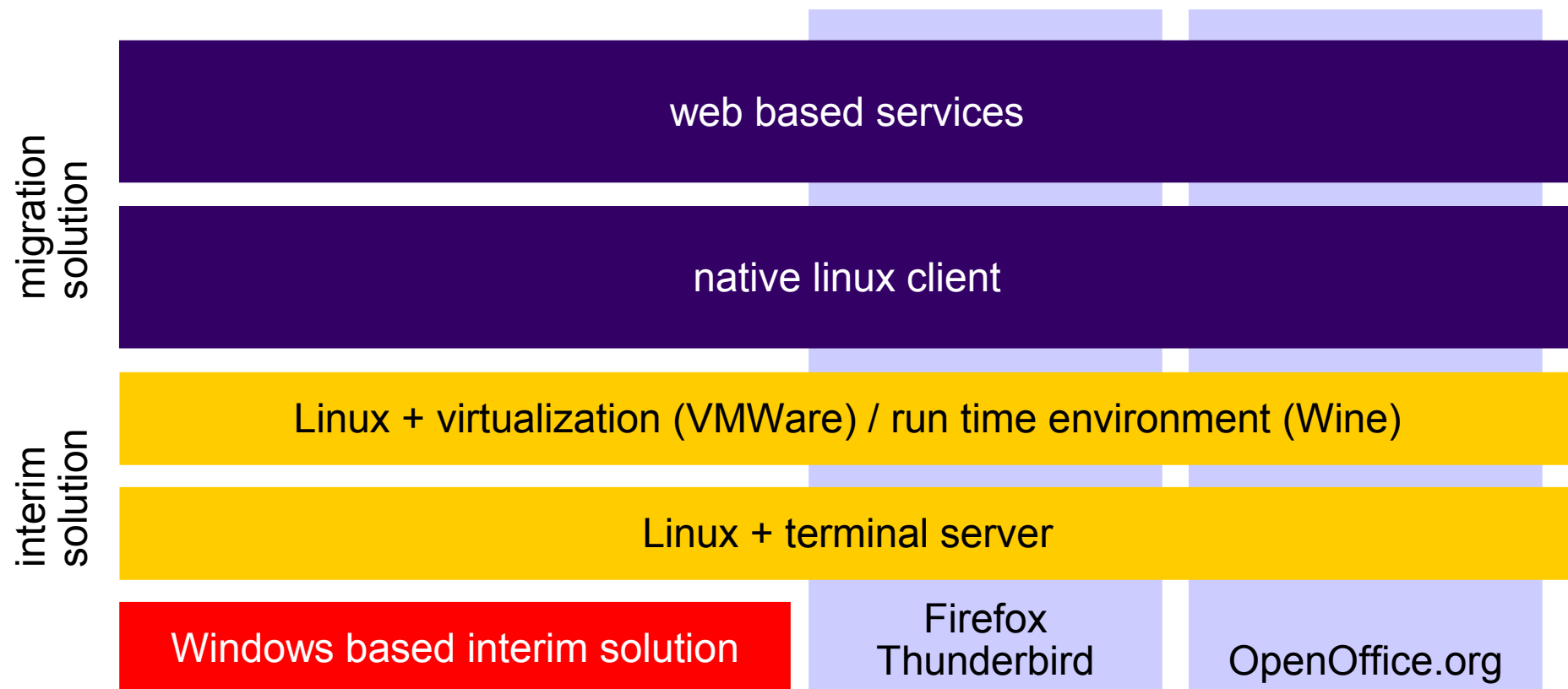


GOsa is
Free Software of
gonicus
(<http://gosa.gonicus.de>)

Infrastructure for the basic operating system



The migration szenarios for business applications



The requirements to the migration to OpenOffice.org

Actual quantity taken during detailed conception (templates, macros, forms)

- About 13,000 objects must be migrated
- Some software solution redundancies - different solutions for same problems
- Problems in file exchange expected

Migration is the opportunity to consolidate

Joint operation is necessary

The extended office support center of LiMux (eOS)

Assistance and consulting services

- consolidation of solutions
- implementation of solutions
- exemplary implementation of special problems
- create connections between OpenOffice.org and other software (sub) suppliers
- prioritisation of new demanded WollMux features
- „customer interface“

in addition

- coordination of procurements of similar office template packages
- verification of results and quality assurance
- monitoring of the internal migration of macros, templates and web based solutions

Templates and text modules with WollMux

"Eierlegender WollMux" is the title of a project to develop an office solution including the following components

- Letter head system:
Fill in user data automatically, writing as another person
- Form system:
Assists the assembling of documents based on templates, which require special input, template selection, automatic printing of different drafts or document versions, automatic calculation of values based on input and filling in the right spaces
- Text module system:
Assistance the assembling of documents with text modules
- Assistance for paper based workflows

Motivating the employees for the LiMux project

Communication

- Communication team with members of all departments for exchange of information and experiences
- Activities: performances, presentations, events and sampling demonstrations
- „Mux“ to engage sympathy and identity
- E-mail, internet, intranet, newsletter, forum, wiki
- Marketing: projectflyer, posters, give aways, lottery
- Face-to-face talks
- Invitation to improve the basic operating system



Education

- Subproject education
- Individual migration training
- New software training
- Awarded E-learning platform (eureleA 2007)



The migration in the departments

Organisation

- Voluntary pilots with Linux in 3 departments
- Time to iron out any teething problems
- Way of migration is individual
 - Soft: Openoffice.org and Firefox and Thunderbird (Windows)
 - Direct: Linux
- Uncritical users first
- The basic operating system „Basisclient 1.0“ was released in september 2006
- E-learning platform is approved since december 2006

Up to date (March 2007)

- 330 workstation computer are converted to Linux
- 200 additional test workstations are installed and administrated
- 1300 employees trained in open source software
- 1000 workstations with open source software under Windows
- 80 administrators trained in LiMux

Next steps

2007

- Effective client rollout
- Gradual development of our basic operating system
- Incremental further development of WollMux
- More offices migrate to our basic operating system
- More offices use free software for Microsoft Windows (e.g. OpenOffice.org, Firefox, Thunderbird, Gimp)
- Convert 2000 workstations till end 2007

Any questions?

Web: www.muenchen.de/limux

E-Mail: limux@muenchen.de

Devblog: planetlimux.org

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Thank you for your attention



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