

# LiMux



Landeshauptstadt  
München

## ■ LiMux and WollMux: Munich is successful in using free software

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OpenExpo Bern, April 1<sup>st</sup> 2009



**LiMux**  
.....  
Die IT-Evolution

## **Agenda**

**LiMux: History, Decisions, Costs, Status**

**Consolidation by the migration to OpenOffice.org**

**LiMux Basisclient and business applications**

**Lessons Learned and further information**

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## **LiMux Project history**

### **Grown IT structures until 2002**

> 14.000 PCs in 21 independent organisational units;  
many different products and processes

### **Necessity to migrate from Windows NT4 to ???**

Follow-up from Microsoft or switch to another platform?

### **Our proceeding**

<u>2001-2003</u>	Pre-study, examination of different alternatives
<u>2003/2004</u>	Decision for LiMux
<u>2003-2004</u>	Concepts
<u>2005-2006</u>	Preparation of migration
<u>Seit 2007</u>	Start of daily use

## LiMux and WollMux: Munich is successful using free software

# This is LiMux!

## Objectives

- Increased independence of software vendors, consultants, platforms and external timelines  
→ freedom of decision
- Increased **equality of opportunities** for the SMEs to take part in the market  
→ more competition in the software market
- More possibilities to decide about **costs**  
→ reduction in the mid term

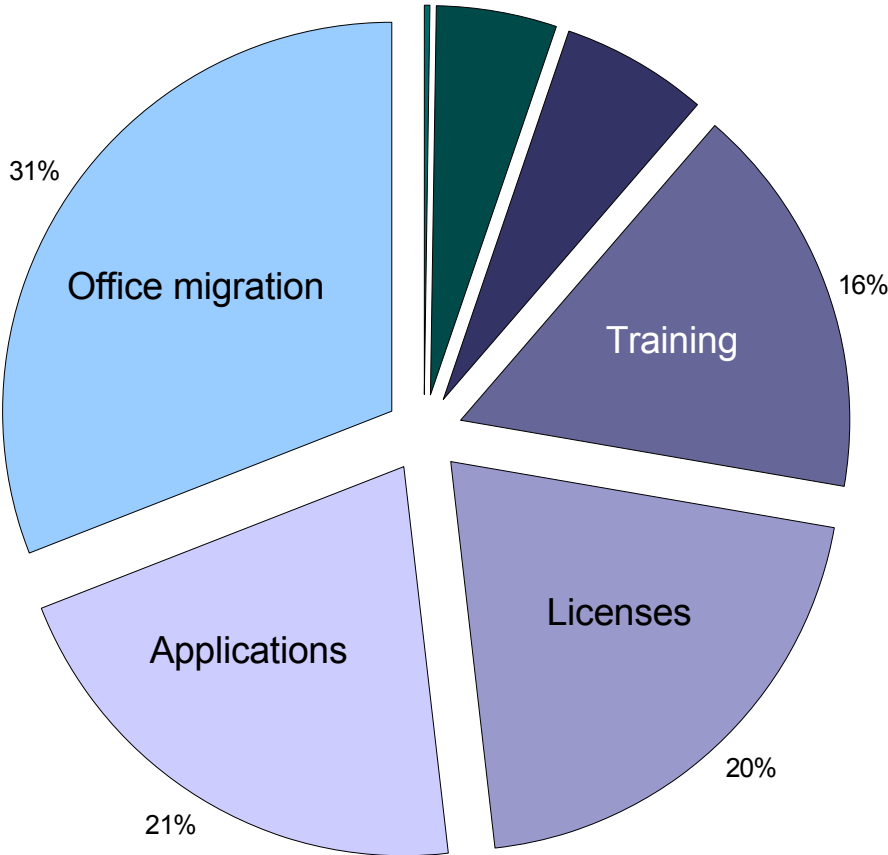
## Decisions

- **Free software and open standards** for the administrations' PCs
- **Plattform-open business applications** in the future



# LiMux and WollMux: Munich is successful using free software

## Spreading of calculated costs (12,8 Mio €)



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## **Current numbers (february 2009)**

**14.000 workplaces are using free software**

- mainly E-Mail client and browser

**12.000 employees are trained to use free software**

**12.000 workplaces are using OpenOffice.org**

**1.700 workplaces are using the linux based client**

- 2 of 12 departments and 1 owner-operated municipal enterprise are finished
- Until end of 2009 all departments will start

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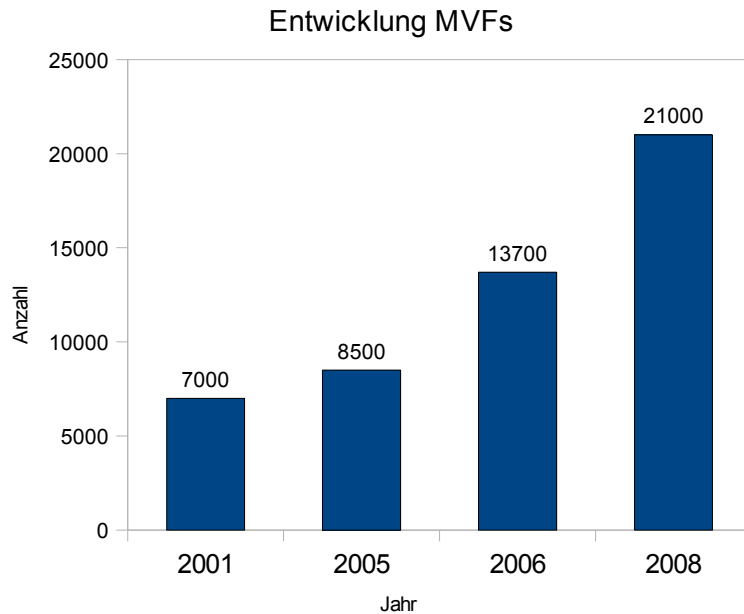
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## The requirements to the migration



### As is analysis

- More than 21.000 macros, templates, forms (MTFs)
- Different solutions for the same problems

### Migration is chance

To consolidate functional:

To consolidate technical:

One solution for same requirements

Standardisation of technical base components

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## **Success factor 1: The extended office support center (eOS)**

**... as competence center and customer interface**

- Collection, analysis, consolidation of requirements
- Definition of an appropriate migration path
- Coordination of MTFs tenders
- Transfer of knowledge, coaching, training
- Monitoring of results and quality assurance

## **Success factor 2: The Open Document Format (ODF)**

Open and well documented exchange ISO standard

## Sucess factor 3: The WollMux

### Letter head system:

- Automatic fill in of user data; ensure corporate design

### Formular system:

- Creating documents based on forms

### Text-module system:

- Creating documents using text-modules

### Help for paper based workflows and comfortable printing functions:

- As needed in public administrations

#### Facts in brief:

OpenOffice.org Extension

Written in Java

Java Runtime Env >=1.5

OpenOffice.org >=2.0.4

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## **The WollMux is free software**

### **Published**

- under the European Union Public License (EUPL)
- At the Open Source Observatory and Repository (OSOR) of the EU

### **Information**

<http://www.muenchen.de/wollmux> and

<http://www.wollmux.org>

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## Requirements to the LiMux Basisclient

### Status before LiMux

► Basisclient is an opportunity to standardise the

Different directory services for user and system management;

Different solutions for software distribution

Different products for file service

**infrastructure**

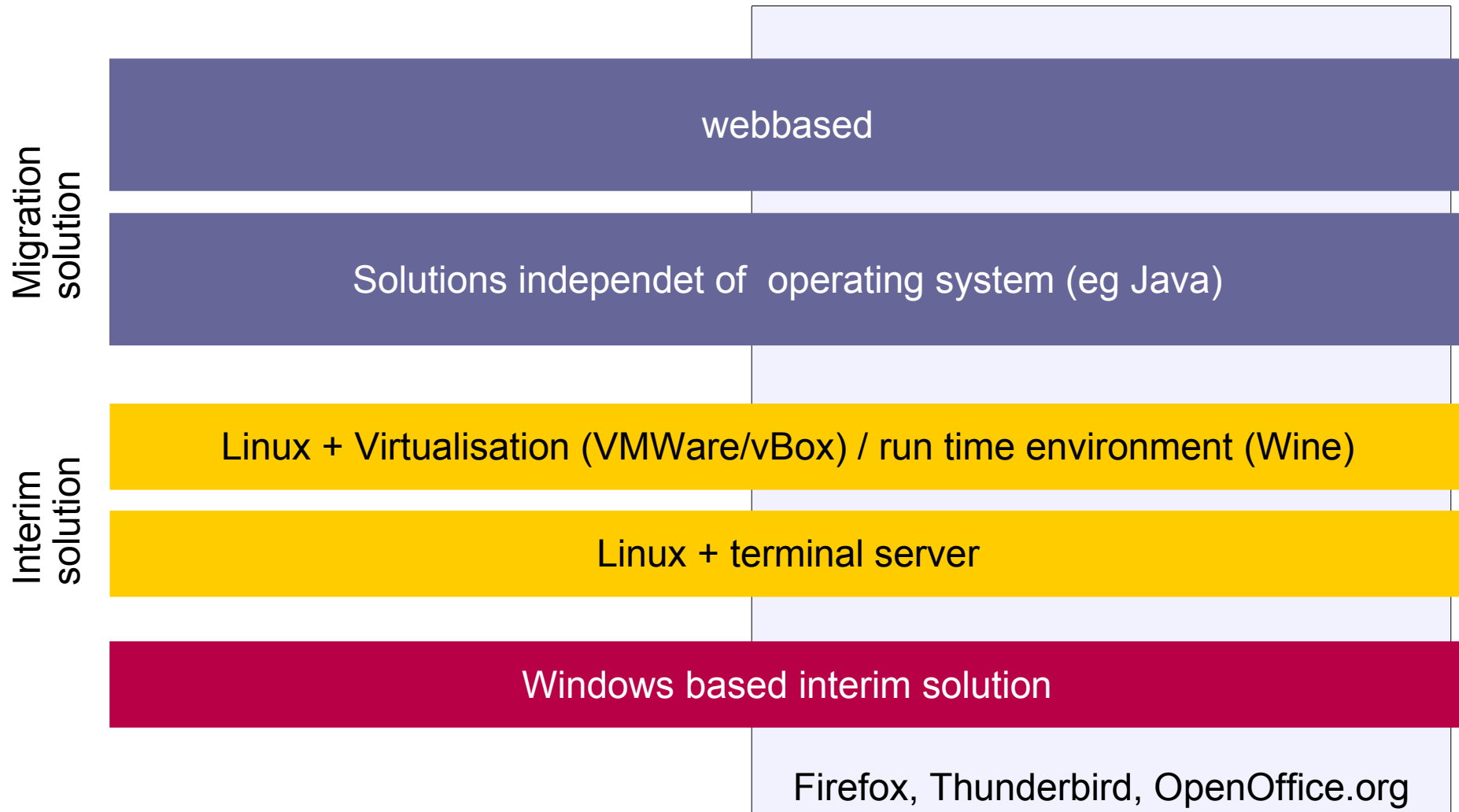
300 business applications (eg car admission);  
300 standard applications (eg HTML, graphics)

**applications**

Different service and support processes

**processes**

## Migration paths for business applications



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## **Lessons learned**

### **Higher complexity and range**

The quantity structure of migration will be higher than your rating and during the project more organisational and technical problems will be detected.

### **Standardisation as needed, but not more**

Reducing the coordination efforts and support services with homogeneous processes, infrastructure and solutions. Don't do too much!

### **Increase readiness for changes**

Take the users seriously by global information and support. Speaking one's mind about plus and minus provides confidence.

### **Challenge problems**

Often technical barriers are advanced for disapproving organisational unmeant solutions. For true reasons you need a second view

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## **We are not alone**

**Free software and open standards are the backbone of information society**

Users and participants are everywhere

- Public administrations
- International organisations, NGOs
- Global players, SMEs, freelancers
- Open Source community

**Networking of users as community is a huge opportunity**

**(eg [www.osor.eu](http://www.osor.eu), [www.bit.bund.de](http://www.bit.bund.de) and many others)**



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**Any questions?**

**Project's website: [www.muenchen.de / limux](http://www.muenchen.de/limux)**

**Information about WollMux: [www.muenchen.de / wollmux](http://www.muenchen.de/wollmux)**

**Developer blog: <http://planetlimux.org>**

**contact: [limux @ munichen.de](mailto:limux@munichen.de)**

**Thank you for your attention!**