

# LiMux

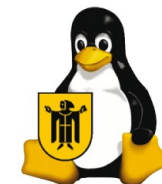


Landeshauptstadt  
München

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

**Florian Schießl (City of Munich, project LiMux)**

linuxdays.ch Geneva, June 4<sup>th</sup> 2009



**LiMux**  
Die IT-Evolution

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

## **Agenda**

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

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

**LiMux Basisclient and business applications**

**Lessons Learned and further information**

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

## **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**

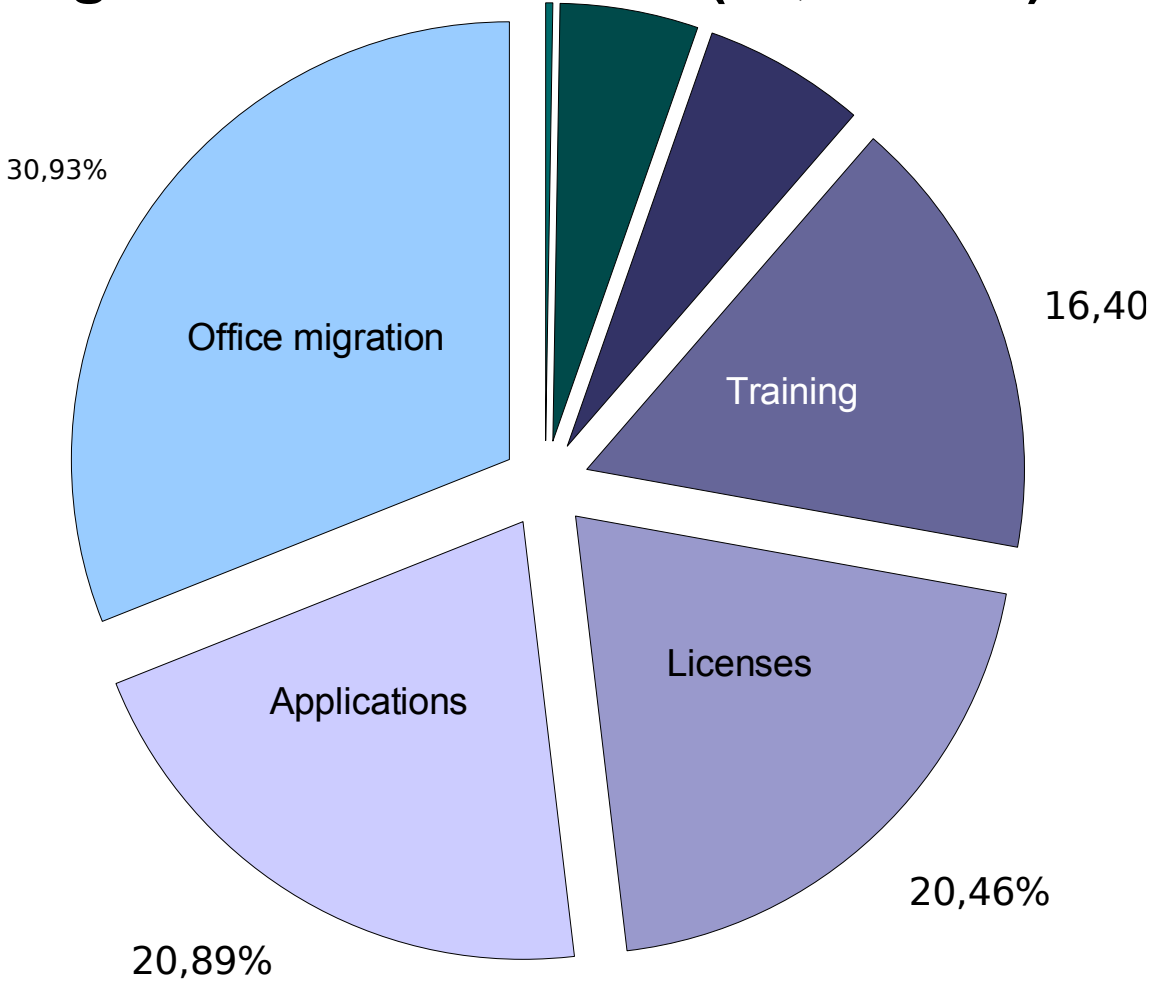
**Free software and open standards** for the administrations' PCs

**Plattform-open business applications** in the future



# LiMux and WollMux: Munich is successful using free software

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



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

## **Current numbers (May 2009)**

**14.000 workplaces are using free software**

mainly E-Mail client and browser

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

**14.000 workplaces are using OpenOffice.org**

**1.800 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

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

## **Agenda**

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

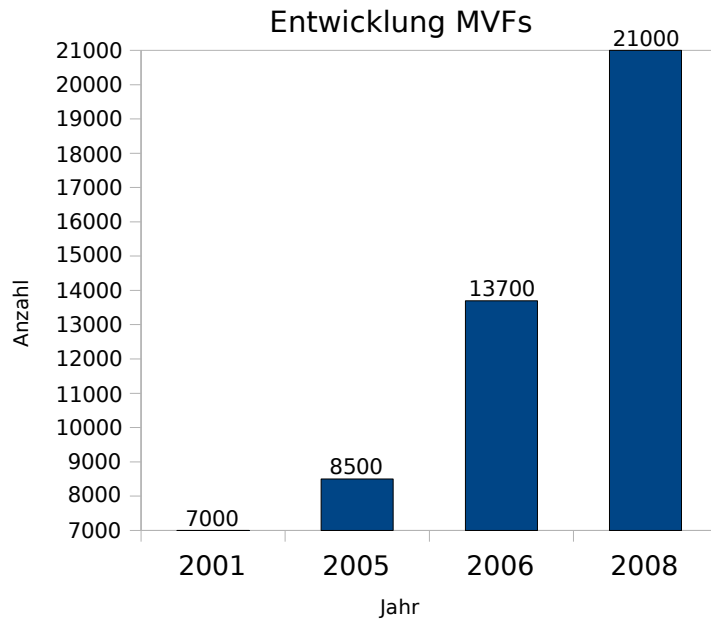
**Consolidation by the migration to OpenOffice.org**

**LiMux Basisclient and business applications**

**Lessons Learned and further information**

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

# 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:

One solution for same requirements

To consolidate technical:

Standardisation of technical base components

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

## **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

LiMux and WollMux: Munich is successful using free software

## 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

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

## **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>

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

## **Agenda**

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

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

**LiMux Basisclient and business applications**

**Lessons Learned and further information**

## 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**

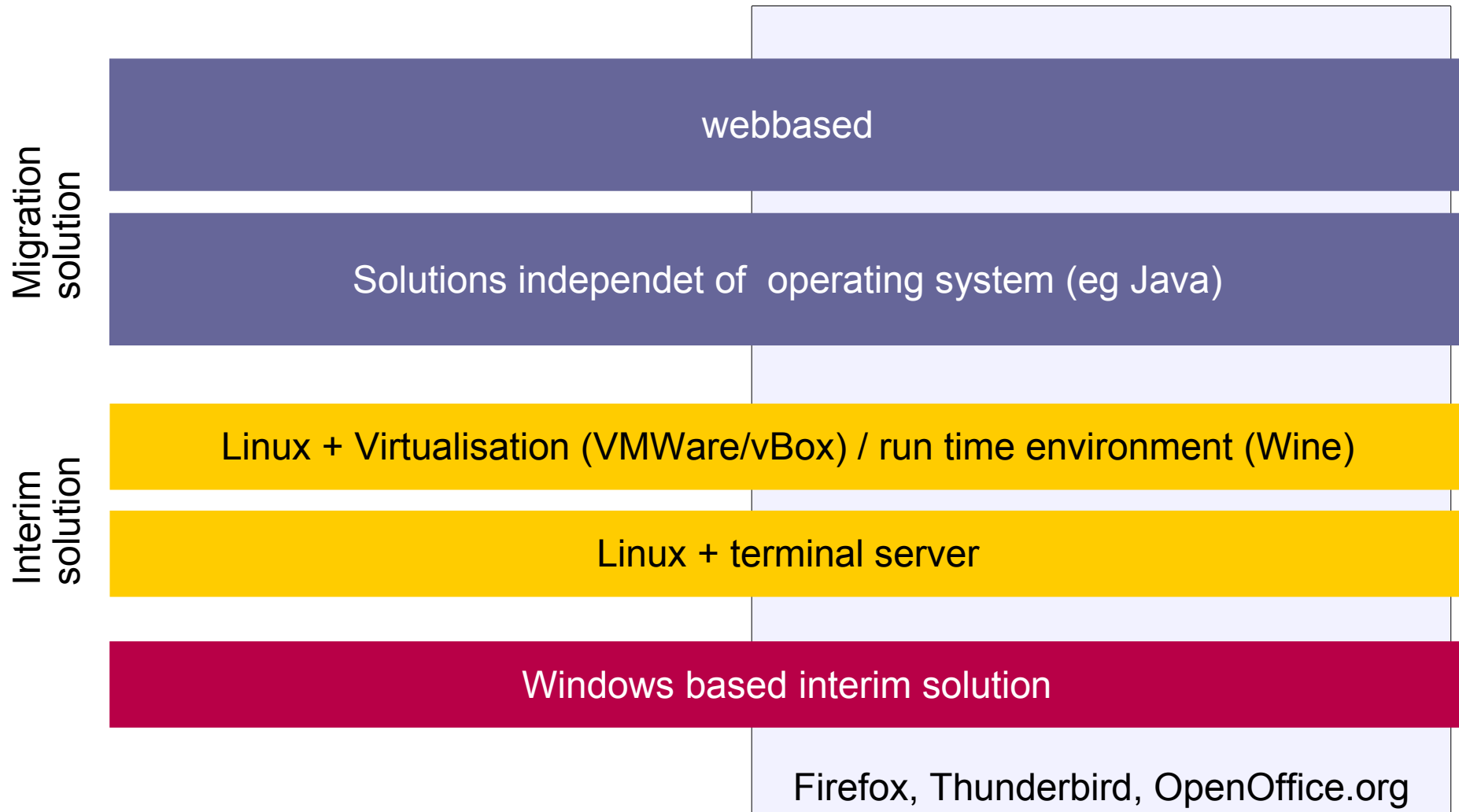
300 business applications (eg car admission);  
300 standard applications (eg HTML, graphics)

**applications**

Different service and support processes

**processes**

## Migration paths for business applications



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

## **Agenda**

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

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

**LiMux Basisclient and business applications**

**Lessons Learned and further information**

## **Lessons learned**

### **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

# Yes, let's do it!

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

Public administrations should promote  
the spread of freedom for free people.

Networking and building a community  
is a great chance.



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

**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 @ munich.de](mailto:limux@munich.de)**

**Thank you for your attention!**