

# Open Source Software Status City of Vienna

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Major Cities of Europe – Open Source Workshop; Dublin  
January 17<sup>th</sup>, 2014

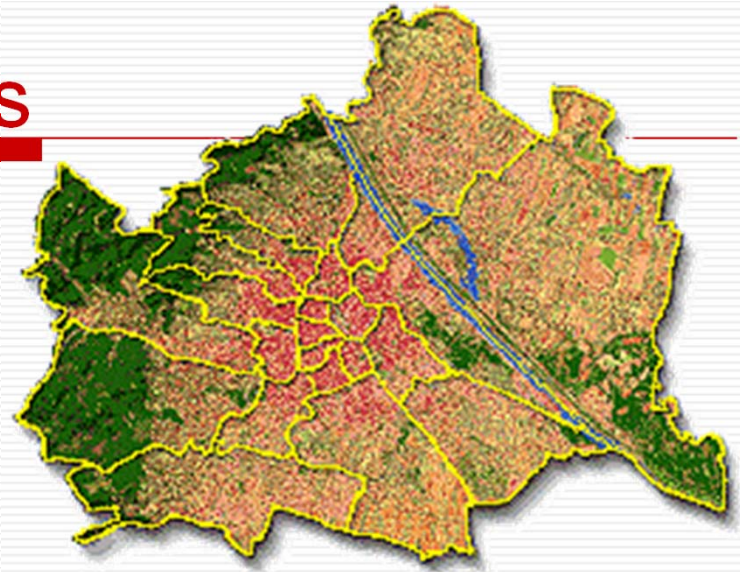
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# Vienna – Facts & Figures

- ❑ city, state and municipality
- ❑ 414 km<sup>2</sup>
- ❑ population: 1.8 million
- ❑ 23 districts
- ❑ 60,000 City Administration staff
- ❑ Budget 2014: € 12.3 bn
- ❑ 220.000 city-owned apartments
- ❑ 400 schools
- ❑ 12 hospitals
- ❑ 10,000 hospital beds



# City of Vienna in ICT – Facts and Figures

including healthcare, schools,  
administration of city-owned housing

- ❑ 4,700 servers
- ❑ 56,800 PCs and notebooks
- ❑ 26,700 printers
- ❑ 54,000 phones
- ❑ 17,700 mobile devices

# OSS at the municipality of Vienna

- OSS in operation
- OSS – inbuilt Software
- OSS on clients
- Studies and perceptions
- Conclusion
- Recommendations

# OSS in operation

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- OSS on central servers
  - Since 1989 in operation where applicable and feasible
  - Main operation areas
    - Print- and fileserver,
    - e-Government-solutions,
    - Internet- und Intranet appearance of Vienna,
    - Significant parts of the security infrastructure
- OSS on clients
  - Standard MS Office 2010 + Apache OpenOffice.org, where required
  - Promoting the OSS products parallel to proprietary SW
- Electronical communication: all file formats are accepted  
<http://www.wien.gv.at/ma14/dokumentenformate.html>

## OSS in operation / server, Backend

- ❑ Linux Server: 454 systems
- ❑ Apache HTTP server: 270 instances
- ❑ PostgreSQL: 380 databases
- ❑ MySQL: 90 databases
- ❑ MediaWiki
- ❑ WordPress (Blog)

## OSS in operation / Client – installed base

- ❑ Firefox: 17.500 (30% access rate)
- ❑ VLC Player: 13.603
- ❑ GIMP: 2.707
- ❑ PDFCreator: 14.852
- ❑ 7-Zip: 14.575
- ❑ Freemind: 1.662
- ❑ OpenOffice: 3.000 (used: 600)

## OSS – inbuilt software

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- E-Gov Forms server
  - Vienna built,
  - now cooperation: 3 states, Cities, Fed Gov
  - Industry discussions



# OSS-Examples

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- ❑ CMS: LifeRay to be implemented 2015
- ❑ Microsites: Wordpress
- ❑ BI: Pentaho

# OSS on clients - history

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- 2005-2006 pilot
  - WIENUX Vienna's distribution for clients
  - OpenOffice.org alternatively to MS Office
- 2008 standardisation of formats
  - Open Document Format (ODF) OASIS
  - Office Open XML (OpenXML) approved as Ecma-376 and submitted to the ISO/IEC JTC 1 fast track standardisation process
- OpenOffice.org further development in question
  - Apache OpenOffice.org and LibreOffice

# OSS – studies and perceptions

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- 2004: feasibility study “STOSS” on clients
  - „smooth“ rollout = parallel operation of Office suites
  - Additional support: private usage, user groups,...
- 2008: subsequent study
  - Decision to migrate from MS Office 2000 to MS-Office 2003
  - No migration from MS Office to Open Office at this time feasible (too many risks and unsolved issues)
  - Existing dependencies (SAP, ELAK)
  - Observation of how OpenOffice develops after the Sun / Oracle deal
  - Negotiations with Microsoft

## Situation 2014

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- OSS is reasonable usable (server and client)
- New requirements, new possibilities due to major shifts
  - Going mobile > smartphones, tablets
  - Increasing virtualisation
- OSS solves on Lock In situations
- Budget constraints
- OpenData

*To benefit our citizens*  
*Added value to Vienna as business location*

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