

Masaryk University Administration and Economic System



**Information Systems Division
Institute of Computer Science
Masaryk University**

**MUST Week
17. 4. 2015**



■ Agenda

- About the Presenters
- MU Information Infrastructure
- Information System for Economics and Administration



■ About the Presenters 1/2

□ Masaryk University (5 267 employees, 33 270 students)

- 9 faculties
- 2 institutes
- 14 university-wide departments

□ MU Institutes

- Institute of Computer Science
- Central European Institute of Technology

□ Institute of Computer Science – mission

- ICT Research and Development
- ICT services provision



■ About the Presenters 2/2

□ Institute of Computer Science – divisions

- Communication Infrastructure
- Computational and Storage Infrastructure
- **Information Systems**
- User Support
- Operational and Economic

□ MU-ICS Information Systems Division

- Library and Information Centre
- **Information Systems Administration**
- **Information Systems Development**



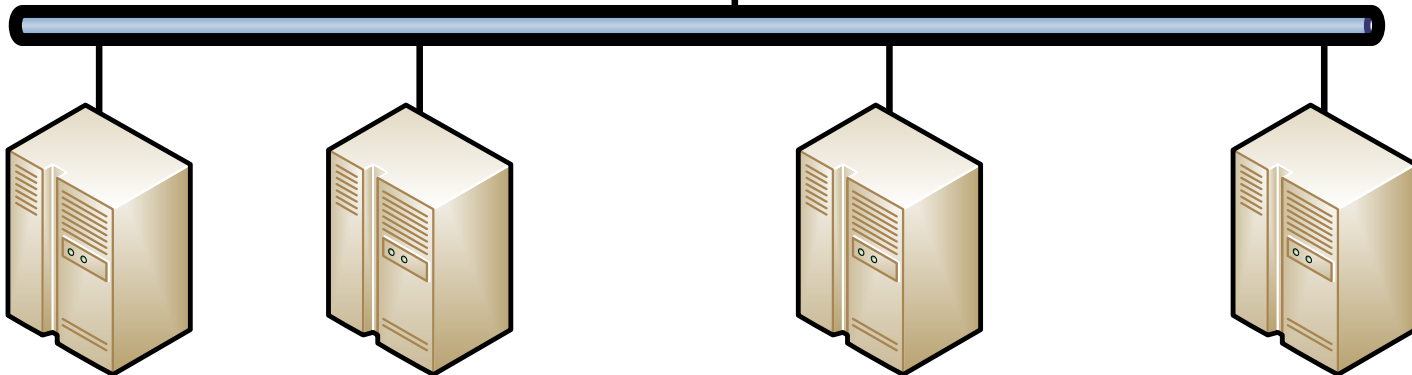
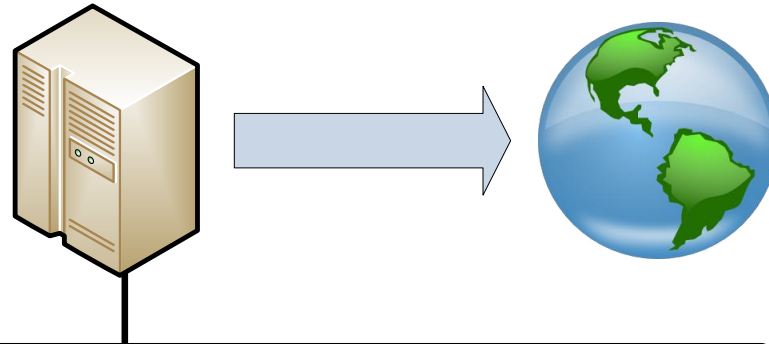
■ Agenda

- About the Presenters
- **MU Information Infrastructure**
- Information System for Economics and Administration

MU Information Infrastructure

1/3

www.muni.cz, WebCentrum
(public websites)



EIS Magion, MU Inet
(economics,
administration)

**MU IS (study
system)**

**e-Information
sources, Aleph**
(library IS)

MU Compass
(buildings,
technologies, GIS)

MU Information Infrastructure

2/3

EIS Magion

- externally provided
- human resources, economics, assets administration

MU Inet

- in-house developed
- university-wide intranet for economics and administration
- on top of EIS Magion plus other application areas



EIS Magion, MU Inet
(economics,
administration)



**MU IS (study
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MU Compass
(buildings,
technologies, GIS)

MU Information Infrastructure

2/3

MU IS

- in-house developed
- university-wide intranet for study administration
- publications, theses
- public level – MU Shopping Centre



**EIS Magion, MU Inet
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(library IS)**



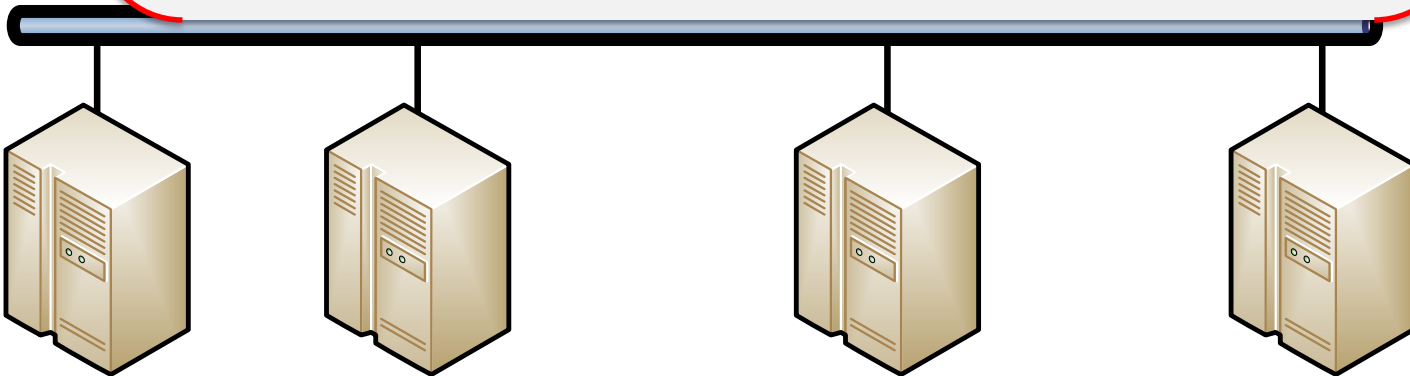
**MU Compass
(buildings,
technologies, GIS)**

MU Information Infrastructure

2/3

e-Information Sources, Aleph

- externally provided
- access to world-wide databases
- library information system
- national network



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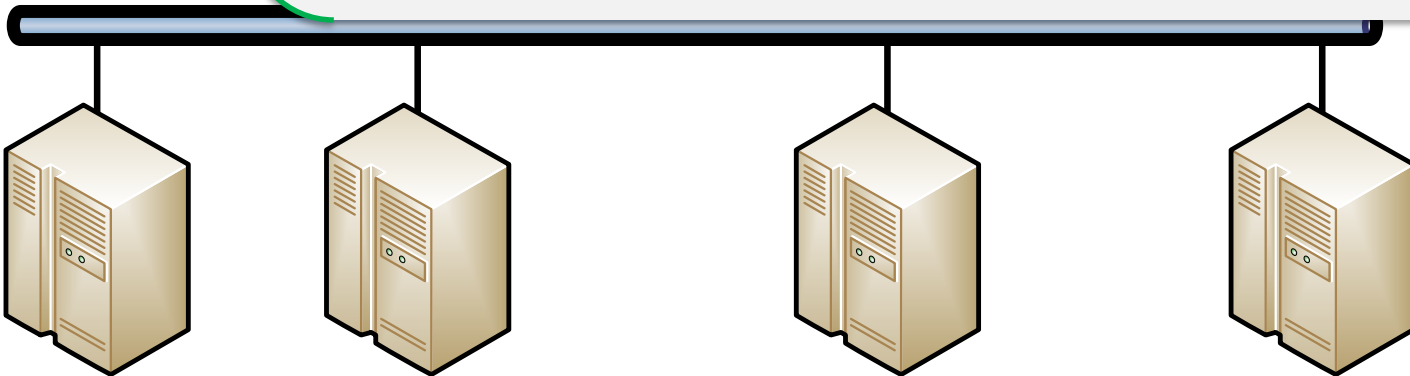
MU Compass
(buildings,
technologies, GIS)

MU Information Infrastructure

2/3

MU Compass

- in-house developed
- building and technology documentation (MU premises, grounds, estates, technologies, networks)
- attribute and graphical data
- map server



EIS Magion, MU Inet
(economics,
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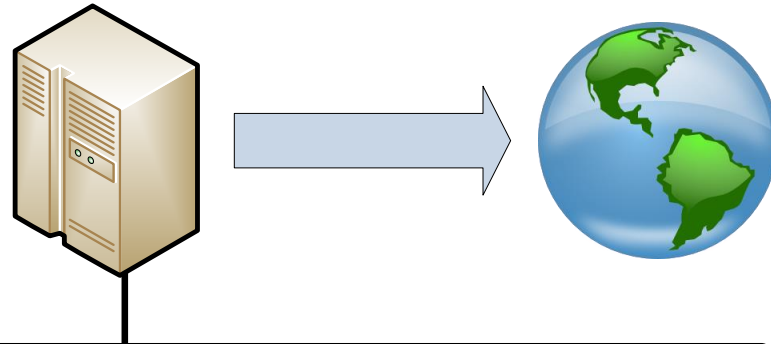
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MU Compass
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MU Information Infrastructure

2/3

www.muni.cz, WebCentrum
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www.muni.cz

- MU institutional website, in-house developed
- unified bi-lingual presentation of profile information across the whole of MU

WebCentrum

- platform for running individual presentations of selected MU departments, projects, activities

EIS M
(e
administration)

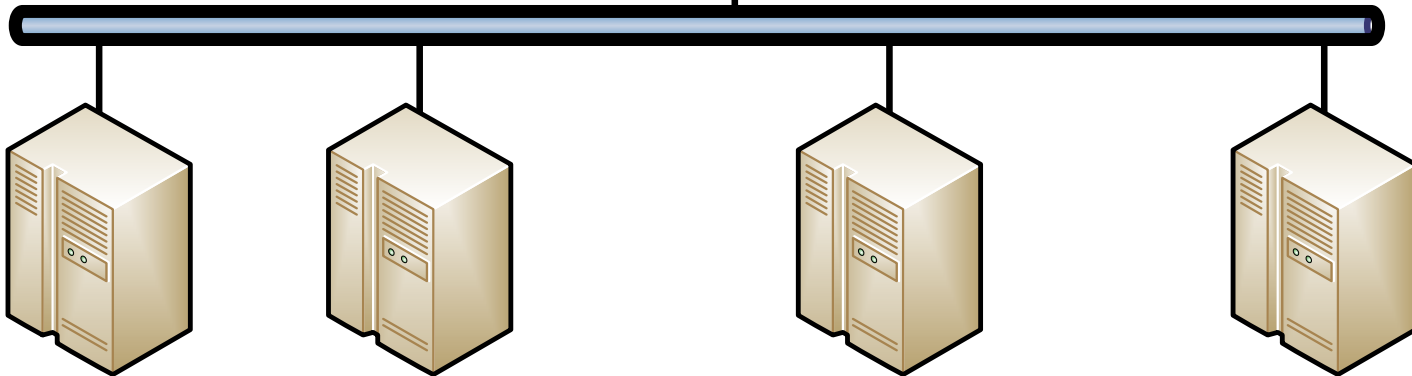
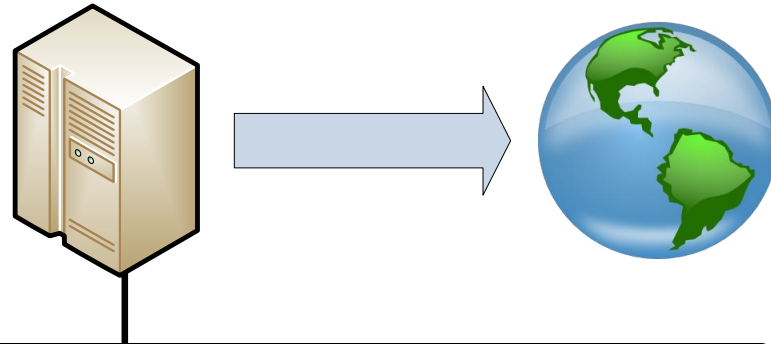
(library IS)

class
gs,
technologies, GIS)

MU Information Infrastructure

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www.muni.cz, WebCentrum
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EIS Magion, MU Inet
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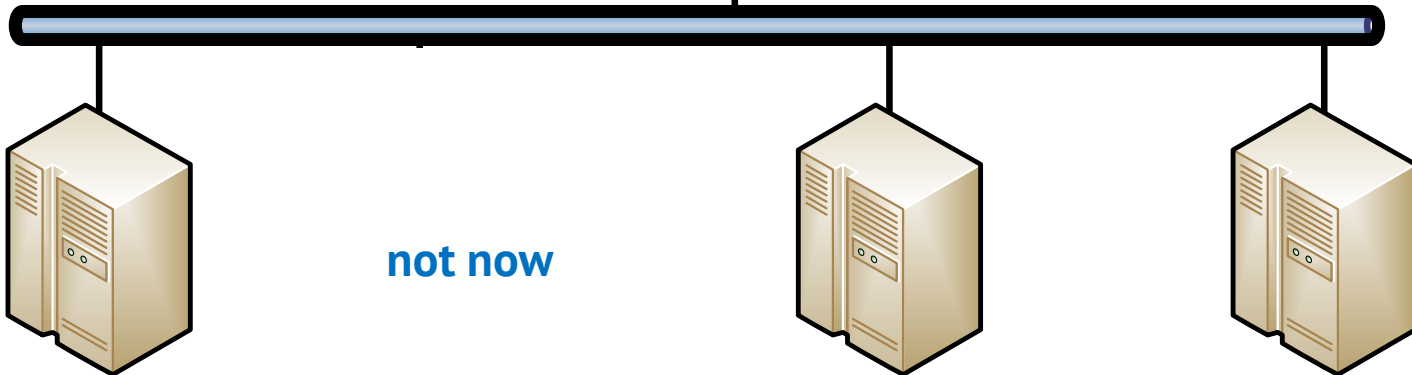
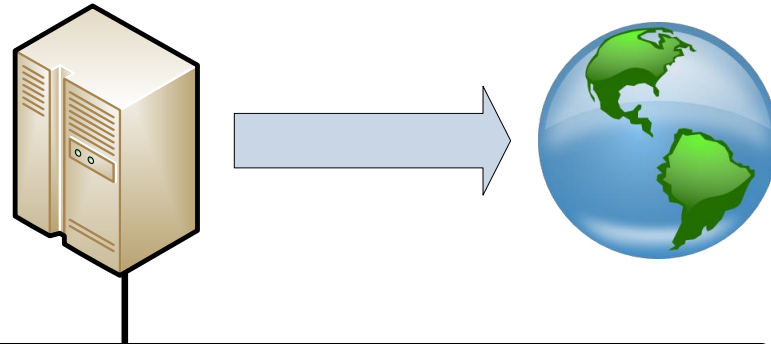
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MU Compass
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MU Information Infrastructure

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not now

EIS Magion, MU Inet
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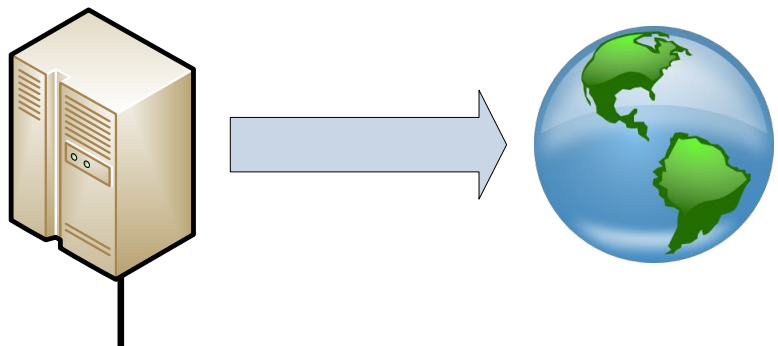
MU Compass
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MU Information Infrastructure

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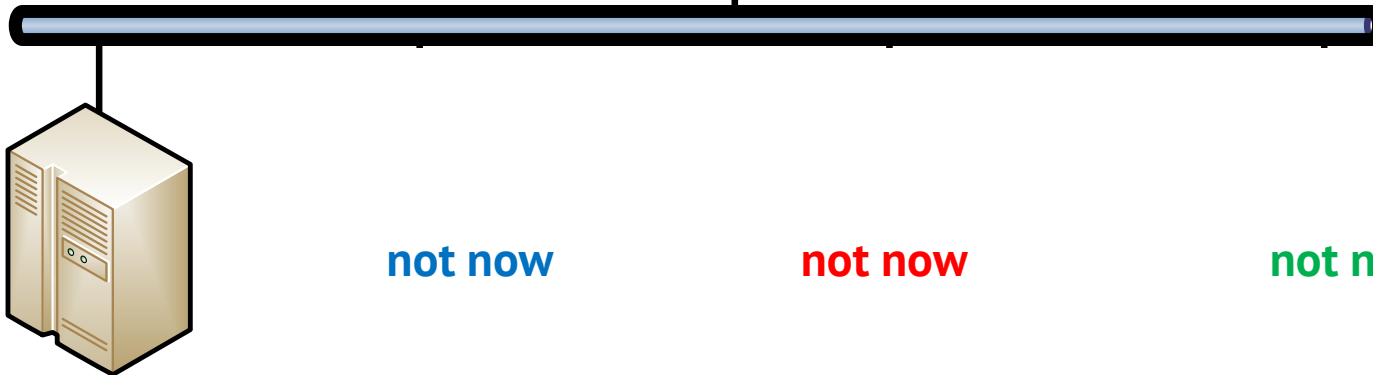
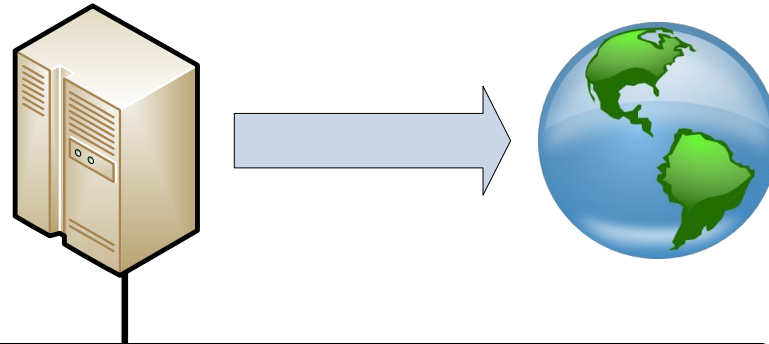
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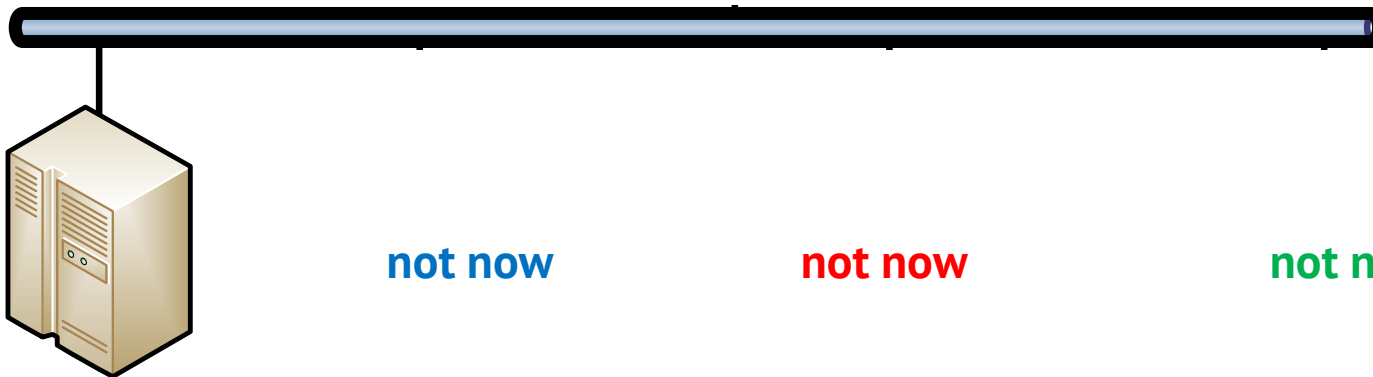


EIS Magion, MU Inet
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MU Information Infrastructure

3/3

not now



EIS Magion, MU Inet
(economics,
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MU Information Infrastructure

3/3



**EIS Magion, MU Inet
(economics,
administration)**



■ Agenda

- About the Presenters
- MU Information Infrastructure
- Information System for Economics and Administration
 - EIS Magion
 - MU Inet
 - Inet Live Demonstration



■ EIS Magion 1/2

□ EISes at CZ Universities (28 / 44 public / private)

- IFIS (ČR)
- SAP
- **EIS Magion**

□ EIS Magion

- 7 universities
- MagNet network
- **Masaryk University** ►►►



■ EIS Magion 2/2

□ Masaryk University

- Human Resources, Economics and Accounting, Assets Administration
- 800 users
- university- and faculty-level administration and management
- administered at MU-ICS
- development and support coordinated by MU-ICS (central budget)

■ MU Inet

- **Web-based IS for economics and administration**
 - Developed and administered by MU-ICS

- **On top of EIS Magion**
 - Delivery of Magion-administered data to the whole of MU
 - Provision of workflow

- **In parallel with EIS Magion**
 - Application areas not covered by EIS Magion

■ Inet over Magion 1/2

- Human Resources – individual employees
 - **personal and wage data** on themselves (pay advice, income graphs), **meal vouchers**, **e-leaves** (planning, applying), **time sheets**

- Human Resources – department/project heads
 - department/project **overviews**, **e-leave** and **time sheet** approving

- Human Resources – MU/faculty administration
 - **attendance** records pre-processing, **meal voucher** records pre-processing, **pay advice** post-processing (less than 3% printed)

■ Inet over Magion 2/2

- Economics and Assets – individual employees
 - **travel forms, assets/SW** in personal care (261 823 assets / 11 774 SW licenses)

- Economics and Assets – department/project heads
 - **accounting** and **budget** statements, **financial control**, **assets** overviews

- Economics and Assets – MU/faculty administration
 - **assets** inventory, life cycle
 - **SW** records, distribution, inventory

■ Inet along Magion 1/5

□ Human resources – ID cards

- **photographing of people** (8 949 in 2014)
- **ID cards production** (10 711 in 2014; 42 854 active cards)

□ Human resources – Certificates

- **personal certificates and remote signing** (134 persons / 273 certificates)

□ Human resources – e-Application

- **electronic selection procedures for new employees**

■ Inet along Magion 2/5

□ Economics – SUPO (System of Settlement of Individuals' Claims)

- personal financial accounts (17 174 active users)
- non-addressed deposits
- payments for services (accommodation, catering, printing/copying, vending machines, private telephony etc.)

□ Economics – Public tenders

- dynamic purchasing systems (24 465 items)



■ Inet along Magion 3/5

□ R&D – ISEP (projects database)

- proposals submitting and evaluation (6 463 proposals in 2014)
- running projects records (incl. accounting / budget / bank statements, project results) (7 180 with 32 764 timesheets)
- intellectual property records

□ R&D – Academic qualifications

- records, life cycle, diplomas
- external users access

□ R&D – Awards and honours

- records

■ Inet along Magion 4/5

□ Operation – Telephony

- fixed/mobile lines records
- working/private phone calls records and payments (SUPO, wages)

□ Operation – Real Estate Administration

- MU premises, grounds, estates (buildings, rooms, keys)

□ Operation – Issue Trackers

- RT-systems in various areas

■ Inet along Magion 5/5

□ Operation – Inspection system

- internal/external inspection records (data, workflow)

□ Operation – www.muni.cz administration

- texts, phrases, images
- document repository



■ Inet live demonstration

□ <https://inet.muni.cz>

Thank you for your attention

is@ics.muni.cz

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