



# Ethical and legal support UNIBO role and activities in BISON

*BISON project Kick-off-Meeting  
Brno, 15/01/2015*



# UNIBO ICT & law ambits

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All the main legal issues of technology:

- data protection, privacy and security;
- fundamental rights;
- IT ethics;
- on-line services;
- consumer protection;
- intellectual and industrial property rights;
- electronic signatures and documents;
- computer crimes;
- artificial intelligence and law, etc.



# ICT & Law Competencies

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- Strong multi-disciplinary background needed, research teams of engineers, lawyers and legal informatics experts.
- Wide legal background needed: IT law spans through all legal ambits: civil, criminal, commercial, etc. law.
- Trans-national background: IT systems may operate/process data at national and international level.



# Ethical and legal support 1/3

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- Ethical and legal support is needed from the very beginning of any technological project involving personal data processing.
- If legal analysis were introduced at the end, much technical work may need to be re-done.
- From the design stage to prototyping and testing:
  - a) identify all relevant legal issues involved,
  - b) provide a general framework
  - c) give precise guidelines to enable the system to be used in a real-life commercial context.



# Ethical and legal support 2/3

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- We need to study:
  - a) technical goals to be achieved,
  - b) functionalities of the system to be developed,
  - c) personal data used and relative data flow,
  - d) characteristics of processing,
  - e) entities involved.
- We create a legal database with relevant sources, both as a basis for legal deliverables and as consulting reference (e.g. EU and national legislation, case-law, doctrine, DPA decisions and approvals, etc.). Constant update is required.



# Ethical and legal support 3/3

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- Identification of a taxonomy of legal issues (e.g. personal data protection, consumer protection, IPR, validity of contracting, liability, etc.).
- Definition of system functionalities and procedures so as to correctly abide by applicable rules and regulations at national and EU level.
- Collaboration and constant interaction with technical partners is indispensable!



# UNIBO involvement in BISON

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- WP1 Management – Task leader
- WP2 User requirements and feedback
- WP3 Data
- WP 5 Information mining for business
- WP 6 Integration and system testing
- WP 7 Exploitation, dissemination
- WP Legal ethical and societal issues of BISON  
– WP leader



# WP1 - Management

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- Leader of Task 1.4 - IPR issues
- UNIBO will support the BISON partners in carefully handling intellectual property rights
- Crucial for industrial companies
- Licensing to third parties, agreements between project partners, etc.
- Connection with legal issues in WP8



## WP2 – User requirements and feedback

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- UNIBO will support the technical partners in the collection and analysis of user requirements and feedback from the legal point of view
- UNIBO will check the coherence of user requirements with the applicable legal framework



# WP3 – Data 1/2

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- UNIBO will support the technical partners in the collection of CC data to the purpose of adapting available technologies at research level to be usable in CCs
- UNIBO will provide guidelines and indications for the correct handling of the data collected within the CCs as well as for data gathered from public sources



## WP3 – Data 2/2

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- UNIBO will check if and to what extent it will be possible to share the currently available data resources between partners in the consortium so that all can develop technology on common databases
- Should this not be possible from the legal viewpoint, the partners will distribute sufficient statistics or trained/adapted models



# WP3 and WP8

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- UNIBO activities in WP3 will be closely related to those in WP8
- UNIBO will examine the legal issues connected with working with collected data
- UNIBO will support technical partners in the investigation of what data need to be anonymised in compliance with applicable law, with particular reference to the necessity principle



# WP5 – Information mining for business

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- UNIBO will support partners by checking that the analysis of the information extracted in WP4 in order to transform it into relevant information for CCs business is harmonised with applicable law
- UNIBO will provide indications to ensure that business outcome mining is law-abiding



# WP6 – Integration and system testing

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- UNIBO will support technical partners to ensure that the infrastructure for data acquisition and exchange and the prototypes (smallBison and bigBison) comply with applicable law, with particular reference to personal data protection
- The work will focus on the use of Bison both for the purposes of the project and in view of its future implementation in business processes and commercial applications



# WP7 Exploitation, dissemination

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- UNIBO will collaborate in the dissemination of project results, not only with reference to the academic environment (e.g. with papers, conferences, lectures) but also considering the industrial nature of the project
- In particular it will contribute to the drafting of the Bison business plan, provide input for the public web site, take part in the advisory board, as well as to professional events and seminars



# WP8 Legal, ethical and societal issues

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- As WP8 leader, UNIBO will act to complement and support the technical WPs, by examining the legal, ethical and societal framework within which BISON may be developed and used
- It will identify possible barriers which may affect the design and deployment of the system and provide indications on how to comply with the identified issues



# WP8 activities 1/2

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- To identify and analyse the legal requirements of speech data processing systems
- To investigate the relevant legal framework at EU level and at the level of selected Member States, keeping in mind that a new EU data protection Regulation will be approved
- To determine the impact of legal, ethical and societal issues on the deployment of BISON during project life and in its future implementation on the real market



# WP8 activities 2/2

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- To examine how BISON should be designed and used so as to comply with the applicable legal framework
- To draft guidelines and recommendations for BISON design and deployment
- To propose recommendations for the use of BISON in processing data from wider sources (e.g. the web)



# WP8 Deliverables

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- D8.1 Ethical approvals for the data (M03!!!)
- D8.2 Legal, ethical and societal issues of BISON – General framework (M06!!)
- D8.3 Legal, ethical and societal issues of BISON II (M12)
- D8.4 Legal, ethical and societal issues of BISON III (M24)
- D8.5 Legal, ethical and societal issues of BISON – The BISON *legal*, ethical and societal code (M36)
- D8.6 Guidelines for BISON design, deployment and use (M36)



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