(We can't even call it)

Sensitive Data

Some of the issues and challenges

Classification

Storage

Access Control

Local contexts and how do we share

Classification Schemes

- Data Protection Act
  - 2 levels of personal data
  - Research exemptions
- Military/Government
  - Official, Secret, Top Secret
- Industrial
- Consent forms (ANDS)
- University of Leeds

Consent Forms

Researchers vary in their approach

They need our help and support

We are working with Ethics Committees to

- Get some good templates
- Share our understanding
- Fit in with DMP

Happy to share - Happy to Steal

Data Classification at University of Leeds

Unclassified

Confidential

Highly Confidential

Highly confidential applies to information disclosure of which to unauthorised recipients would be likely to result in *serious damage to the interests of individuals or of the University.*

Confidential applies to information disclosure of which to unauthorised recipients could have a *negative impact on individuals or the University.*

Unclassified

Assessing Research Data

against

Classification Schemes

CAN WE SHARE – SHOULD WE SHARE – MUST WE SHARE

Confidential

Individual’s passport details, home address and telephone number.

Individual's name plus home address/postcode, age and home telephone numbers.

List of student names and their student ID number or list of staff names and their personnel number.

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Highly Confidential

Financial information regarding individuals e.g. payment information (credit card details), bank account details, information about indebtedness (student fees).

Information on individual's racial or ethnic origin, political opinion, religious or other beliefs, physical or mental health or criminal record.

Attendance and academic progression information/ disciplinary information relating to an existing University student.

Information relating to restricted intellectual property rights or otherwise covered by a confidentiality agreement/ contractual te**rm.**

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Matching Data Assessment

against

Storage and Repository

CAN WE SHARE – SHOULD WE SHARE – MUST WE SHARE

Activity	Confidential	Highly Confidential
Storage of data in shared areas of University server	Yes	*Only if encrypted*
Storage of data in personal area of University server	Yes	Yes
Remote access to the data	Yes, but only via Citrix or other University-approved mechanism	Yes, but only via Citrix or other University-approved mechanism
Storage of data on University-owned laptops or other portable devices	Only on a temporary basis and only if encrypted	Only on a temporary basis and only if encrypted
Storage of data on privately-owned laptops or other portable devices (including memory sticks)	No	No

With a general purpose repository

Most data can be open

Some can be made open

Anonymisation or Confidentialisation

Some can be controlled – authorisation

But some...

Too hot to handle...

Probably can’t even have it on our servers

Let alone in our repository

- Encryption helps – “no longer data”
- OK with ISO 27001 provider as backend
- But how to give access?

What Leeds is doing

Confidential Data

ePrints based repository

Access control layer with potential for

- LDAP
- Local accounts
- *IP*
- *Shibboleth*

What Leeds is doing (maybe)

Highly Confidential Data

- Encrypted and stored in institutional repository
- Encryption keys managed by IRC
- IRC can provide and control access
- IRC does not hold archive data

IRC: Integrated Research Campus and LIDA http://www.lida.leeds.ac.uk/

Longer Term Options?

National Service?

What would it look like?

Hybrid Service Model?

What do you think?

Summary

- Understand Classification Schemes
- Consent Forms
- Data Assessment
- Assessment to Storage and Repository
- Access Control for Restricted
- Model for Highly Restricted