Thinking the Future:
European Services for Official Statistics (ESCOS)
and
European Remote Access Network (EuRAN)

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SEVENTH FRAMEWORK PROGRAMME

DwB

DwB's Mission and Legacy: Improve Access by …

- Giving overview of accreditation procedures and developing best practices which eventually should lead to a European standard

- Organising training courses, workshops, and conferences

- Work on metadata standards, and portal

- Providing overview of available research data in Europe

- Providing detailed metadata and setup routines for microdata disseminated by Eurostat

- Conception and testing the feasibility of a European Remote Access Network and building a pilot network
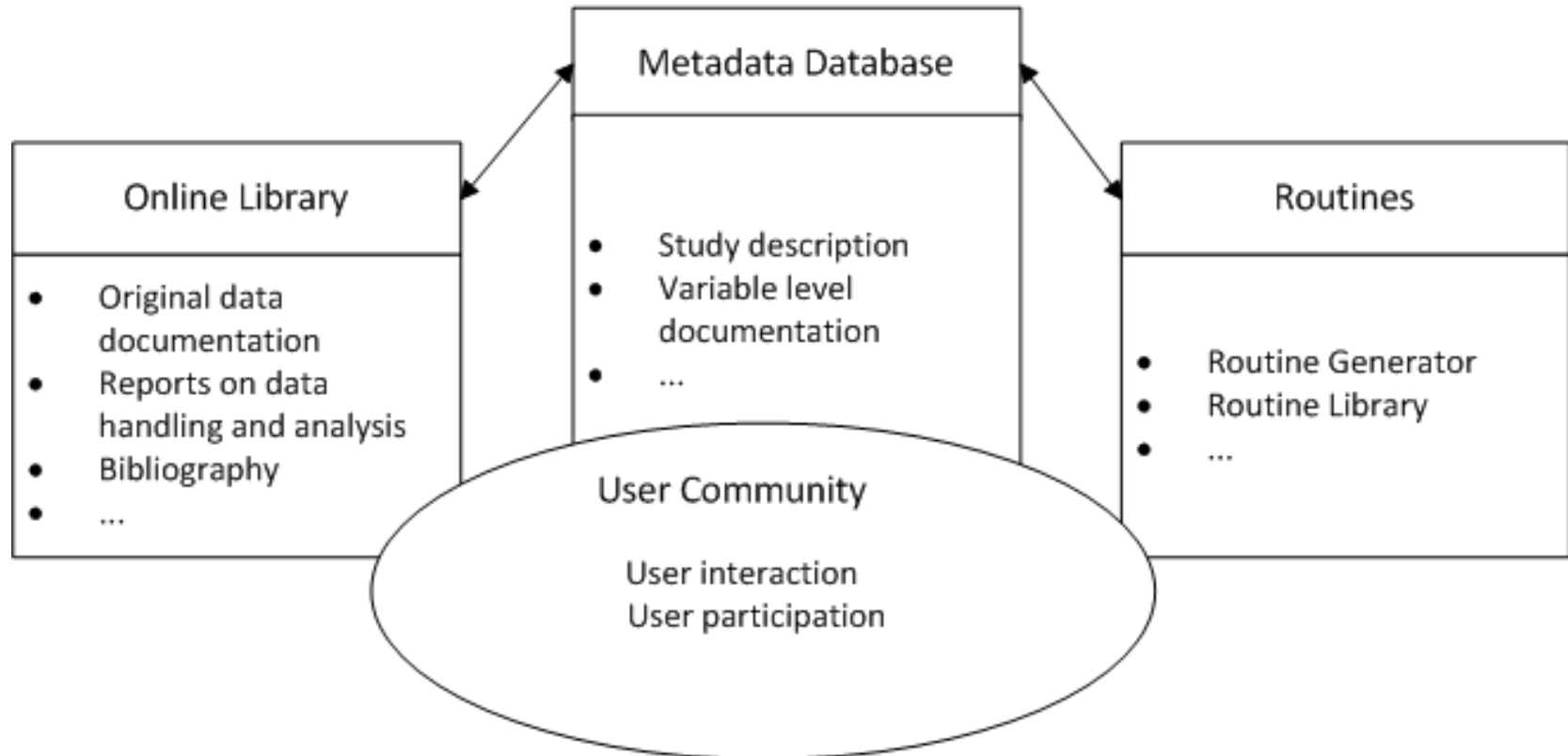
   … and many more

What now at the End of DwB?

➢ Take stock of DwB results

➢ Start with the "real" work – from concepts and pilots to sustainable implementations

➢ Decide which services should be continued and could be carried out by CESSDA partners and the European Statistical System?

➢ Create a European Service Centre for Official Statistics

➢ Implement a Secure European Data Access Network

The Centre's Central Tasks

1. Establish a comprehensive web service for microdata from official statistics in Europe, incl. metadata, routines, platforms to discuss research and share tools
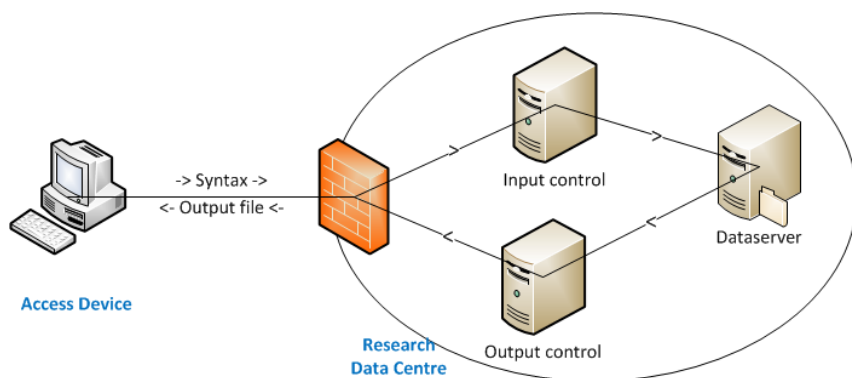
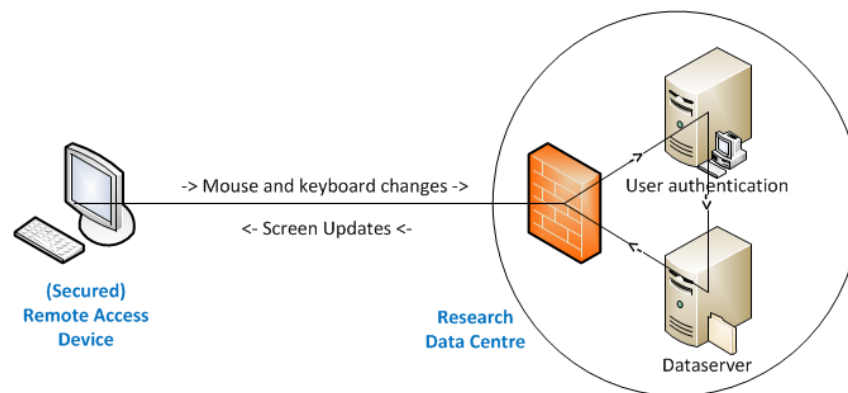# Web Service

The Centre's Central Tasks

1. Establish a comprehensive web service for microdata from official statistics in Europe, incl. metadata, routines, platforms to discuss research and share tools

2. Promote use of OS-microdata by hosting training courses, organizing user conferences and by incentivizing research

3. Improve data access
    ➢ Provide information on access conditions, access sites and application procedures
    ➢ Support expansion of transnational access networks and harmonization of conditions of use throughout Europe
    ➢ Support researchers and the European Statistical System in accreditation

4. Support a European Remote Access Network

SEVENTH FRAMEWORK PROGRAMME

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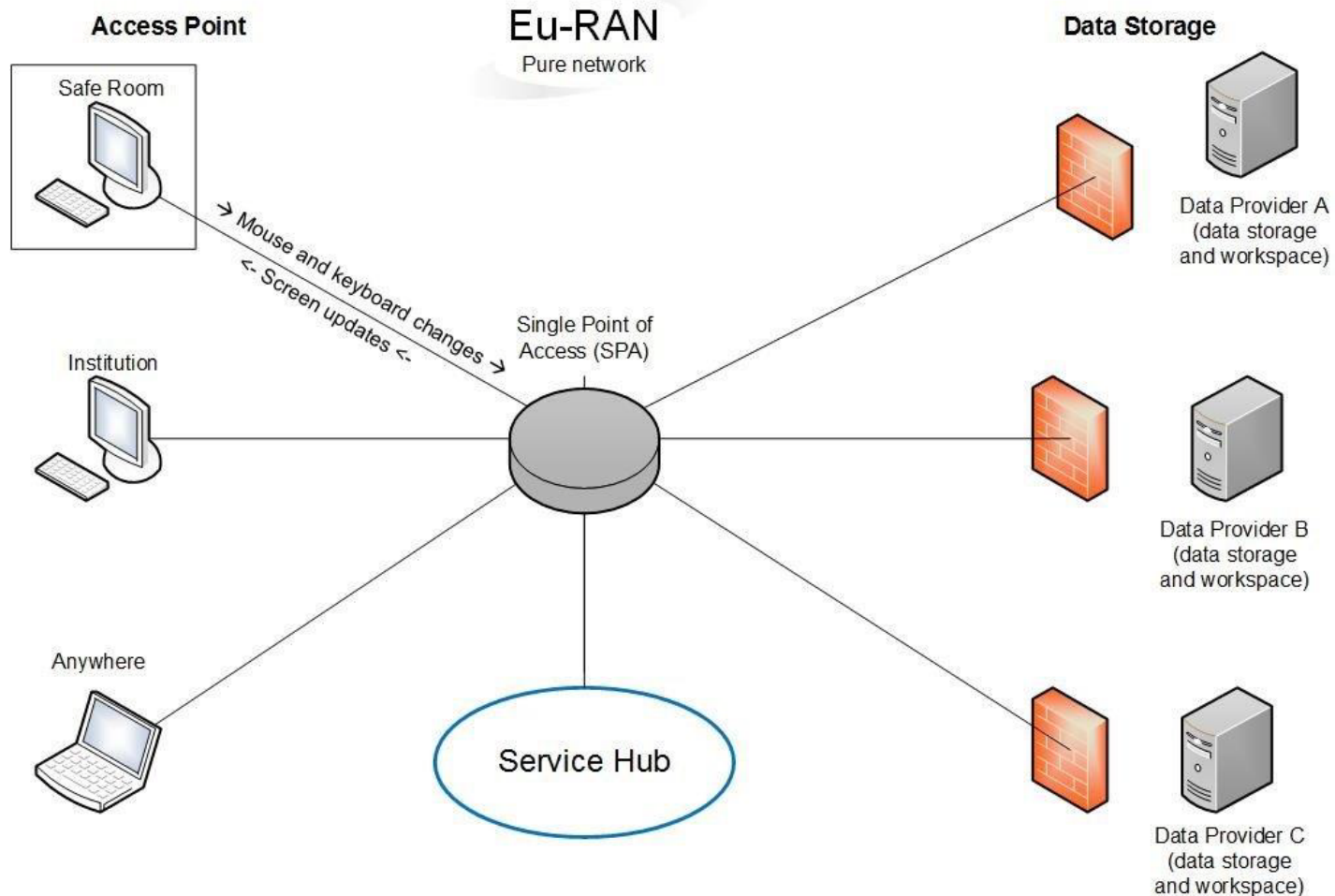# Remote Access to (confidential) microdata

Remote job submission　　　　　**Remote desktop connection**

European Remote Access Network (EuRAN)

EuRAN – main features and "add-on´s"

- **Main features**
  - ➢ High security standards
  - ➢ Interoperability with existing infrastructures (standards for interfaces)
  - ➢ Support for different access ways in relation to different security needs
  - ➢ Single Point of access as service hub for a wide range of tools and services
- **Add-on´s**
  - ➢ The EuRAN as it was described is a pure background network infrastructure.
  - ➢ Tools and Services are needed to make in usable
  - ➢ A lot of them are mentioned in the ESCOS concept
  - ➢ Additional ones are (e.g.):
    - ▪ a computation and knowledge centre for the analysis of distributed data sources
    - ▪ a secured virtual research environment for a harmonized and comfortable user experience

ESCOS and EuRAN in a Nutshell

- ✓ Service researchers using official microdata within the ERA
- ✓ Help share the burden of increasing demand for high quality data and metadata between the CESSDA archives and the ESS members
- ✓ Produce advantages for both sides
  - o Increasing use of official microdata for research and for public policies evaluation
  - o Input for improving data quality
  - o Less costs for European data infrastructures and more integration of services, less silos

DwB

Back from the Future
to the Next Sessions

Sessions 5, 5a, 5b and discussion

Session 5 :Core Elements for European Services for Official Statistics

Talk: Thinking the Future: European Service Centre for Official Statistics (ESCOS) and European Remote Access Network (EuRAN) – an introduction

Session 5a: National and European tools and services for access – part I

Talk: Introduction to the UK Administrative Data Research Network

Demo: DwB Proof of Concept for a European Remote Access Network facilitating transnational access to confidential microdata

Session 5b: National and European tools and services for access – part II

Talk: The French epidemiological portal

Talk: Metadata for European official microdata CIMES and MISSY

Discussion: The future of European Services for Official Statistics