

# CRISP WP16

## F2F Meeting, RAL Sep 27

*RAL, 27<sup>th</sup> September 2012*

# TOC

- ***WP16 and Federated Identification***
  - ❖ How to position WP16
- ***WP16 DoW***
  - ❖ Revised text submitted to Steering Committee
- ***Conclusion and Future developments***
  - ❖ Bridging

# WP16 and Federated Identification

## ❑ *There are Identity activities outside CRISP*

- ✓ First Umbrella prototype work within EuroFEL
- ✓ Umbrella activities within PaNdata
- ✓ FIM workshops organized by CERN

## ❑ *How to position WP16 within this scenario*

- ✓ Base further WP16 work on previous results
  - Disadvantage: slight modifications of DoW, need for adaptations
  - Advantage: exploit existing results
- ✓ Ignore everything and start again from scratch
  - Advantages: Freedom to include latest developments
  - Disadvantages: what to do with initial work
    - If agreement: why repetition of work?
    - If disagreement: double developments?

# WP16 and Other FP7 Projects

## □ **CRISP / WP16 and PaNdata / WP3**

### ❖ Both WPs

- Very similar
- need self standing identity

### ❖ Proposal: horizontal separation, shifting centers of gravity

### ❖ CRISP/WP16:

- further development
  - UmbrellaPlus, bridging, X.509 ...
  - GSI and PSI; road map till summer

### ❖ PaNdata/WP3

- Focus on implementation issues

### ❖ Harmonization meetings

## □ **CALIPSO, NMI3, Biostruct X**

### ❖ Further discussions needed

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# WP16 DoW

## □ *WP16 DoW and Umbrella*

- ✓ Base on previous activities (EuroFEL) vs. start from scratch?
  - New worldwide solution or Photon facilities as kernel?
- ✓ CRISP Proposal, Part B, 4a
  - The development of a common user identity system, Authorisation and Authentication Infrastructure (AAI), permitting access to data and IT resources of the following RIs: ESRFUP, ESS, EuroFEL, FAIR, ILL 20/20, and XFEL will follow a modular design to allow its incorporation with minimal effort into existing and future IT systems. Because of its federated structure, this solution will be cost and resource effective and will allow for the first time a single user identification system between the participating RIs. A prototype of a unique user identification system is developed in EuroFEL by PSI.

# WP16 DoW, previous

## ❑ **Objective**

- Develop and deploy a pan-European system for unique identification (Authentication and Authorization) for PSI (EuroFEL), ESRF, ESS, GSI, ILL, XFEL

## ❑ **Task1**

- Review (policy and technology) and documentation of existing AAI approaches and future requests of the participating partners.

## ❑ **Task2**

- Workshop with project and facility authentication and authorization experts, where this architecture is discussed.

## ❑ **Task3**

- Production of a prototype solution for an AAI system permitting local and remote access to data and IT resources.

## ❑ **Task4**

- Workshop with project and facility experts, where the solution is presented and discussed
- Deployment of the defined solution at the partner facilities (all participate)

# WP16 DoW, revised

## ❑ **Objective**

- ✓ Develop and deploy a pan-European system for unique identification (Authentication and Authorization) for PSI (EuroFEL), ESRF, ESS, GSI, ILL, XFEL

## ❑ **Task1**

- ✓ Several workshops with project and facility authentication and authorisation experts where the present status of the Umbrella project is reviewed and discussed. Discussions and decisions on the subdivision between the CRISP and PaNdata authentication work packages. Development of the architecture document (all participate).

## ❑ **Task2**

- ✓ Definition of the future roadmap and software development plan based upon the existing status of Umbrella CRISP / PaNdata harmonization and the expectations of the community.

## ❑ **Task3**

- ✓ Workshop with project and facility authentication and authorisation experts, where this proposal is discussed. Experts from academia and relevant commercial companies are invited. Presentation and decision on the future software development roadmap.

## ❑ **Task4**

- ✓ Start of prototype implementation (all participate).

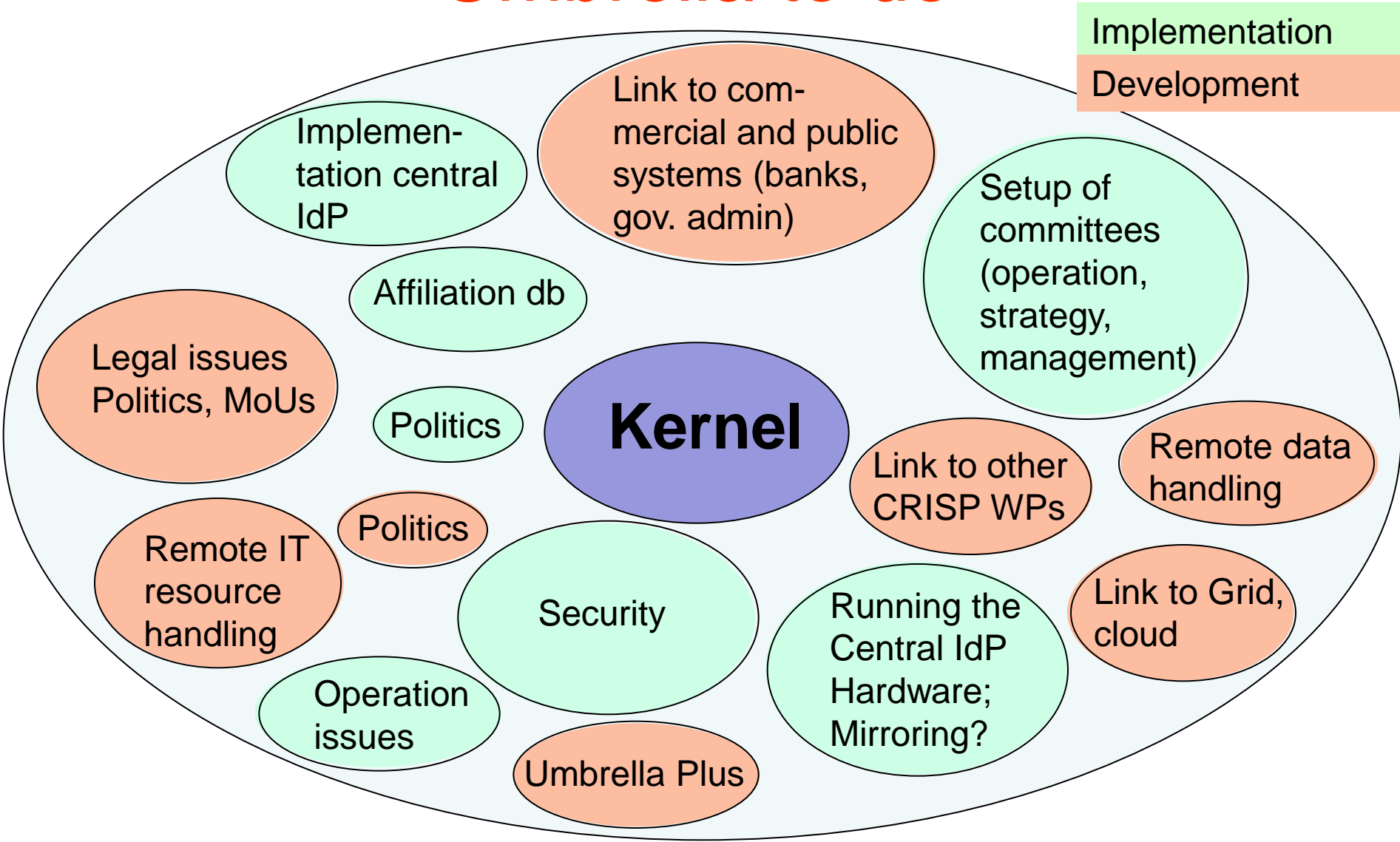


# WP16 DoW, revised 2

## **Deliverables**

- ✓ D16.1 AAI Architecture Document (M 9)
- ✓ D16.2 AAI Revised Architecture Document and Development Status (M26)
- ✓ D16.3 AAI Prototype Solution (M 36)

# Umbrella to do



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# Status

- Development (EuroFEL)***
- 'Friendly user' phase***
  - ✓ Concluded
- Architecture document***
  - ✓ Submitted
- Further steps***
  - ✓ Implementation
    - PaNdata
  - ✓ Bridging
    - CRISP
- Revised architecture***
- Prototype***

# Conclusion and future topics

## □ *WP16 and other activities*

- ❖ Same community
- ❖ Need for harmonization (PaNdata, Biostruct X, CLIPSO, NMI3 ...)

## □ *WP16 Road Map*

- ❖ Topics
  - ✓ Architecture report
  - Kernel development
  - Bridging to other activities
    - Umbrella+, Moonshot, eduGAIN, GRID, ...
  - Link GSI- P/N could be interesting occasion
- ❖ Priorities and time schedule, harmonization