

Requirements for Policies in Cross-Domain Service Composition

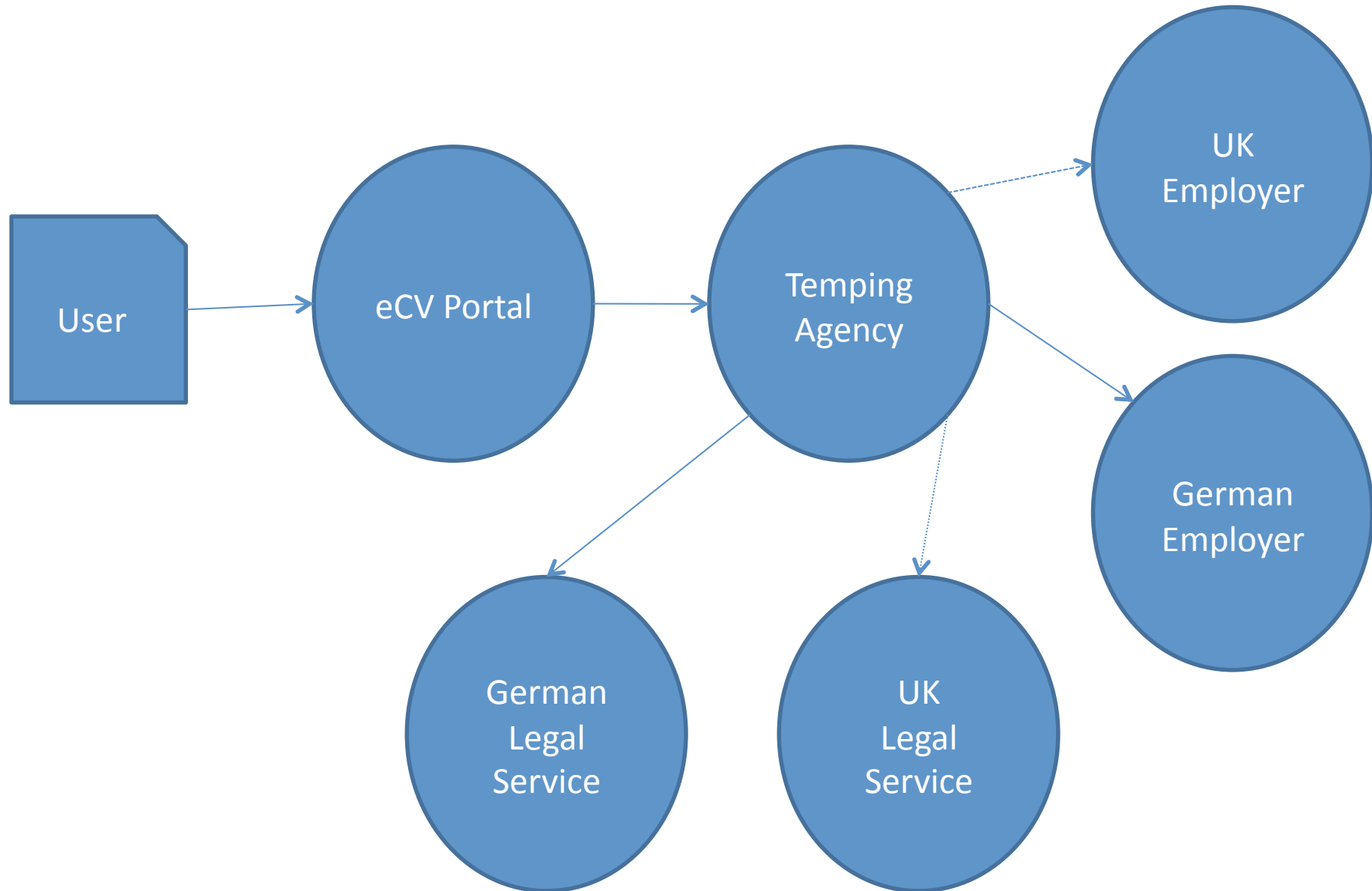
- Ulrich Pinsdorf, Microsoft
- Jan Schallaboeck, ULD
- Stuart Short, SAP





PrimeLife

Service Composition



eCV Scenario:

cross-domain service composition

Curriculum Vitae

Personal details:

- Name
- Age
- Address
- Gender
- Ethnic Background

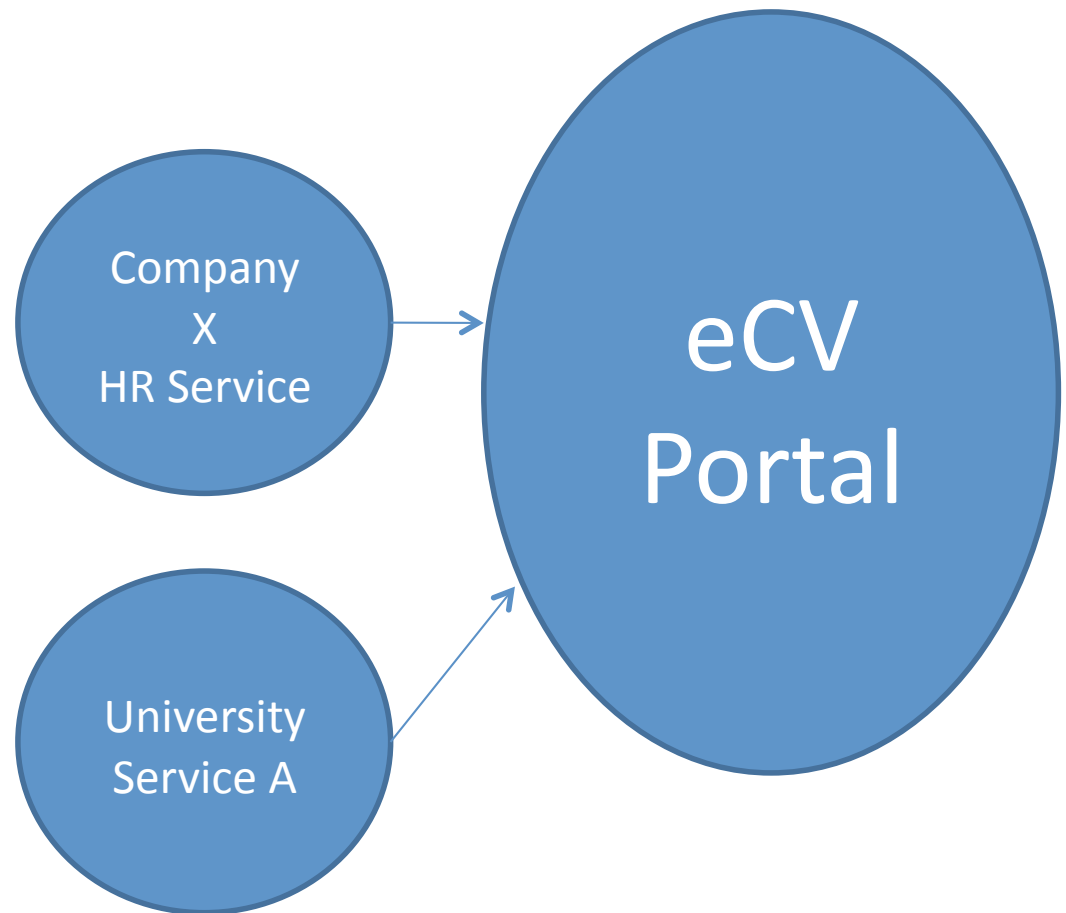
Academic Qualifications:

- Phd from University A
- MSc from University B
- BSc from University C

Work Experience:

- Company X
- Company Y

Skills:...





Legal Requirements

- Requirement 1:
It must be possible to maintain communicated policies even if the Service Composition is dynamically adapted
- Requirement 2:
If it is not possible to maintain (all) communicated policies in case of an adaptation of the virtual organization, it must be possible to adapt the communicated policies through renegotiation, if this fails the service must be stopped.



PrimeLife

Legal Requirements

- Requirement 3:
A service provider whose service is a downstream part (those that process data later) of the overall workflow must adhere to policies given by service providers whose services are upstream parts (those that process data first) of the workflow.
- Requirement 4:
Multi-level-matching within a Service Composition must be supported.



PrimeLife

Legal Requirements

- Requirement 5:
The ability of the data subject to have access to information must be ensured for the future.

- Requirement 6:
An ex post notice must be enabled by appropriate mechanisms.



Conclusion: Activity 6.3

- Investigating how both policy and service orchestration influence each other in a collaborative workflow.