

## **Identity Management in RWTH Aachen University – An evolutionary process**

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In 2003 Aachen University started the evaluation of IBM Tivoli Identity Manager (ITIM). Unlike other universities in North Rhine-Westphalia (NRW) we started our Identity Management project in an evolutionary approach (bottom up) in contrast to other universities that have chosen a revolutionary approach (top down). We brought it online in July 2004. The first step was to substitute the old user management system of the centre for computing and communication and to provision about 120.000 accounts to 40.000 users.

This presentation describes the evolution from a mere user management system in the computer centre to a powerful identity management system that serves not only students and staff of the university, but also members of the university hospital and normal citizens that use the university library. Without having a formal CIO, different institutions had to be included in the project. Also employee committee and data protection officer had to accept the exchange of data within the university.

Within two and a half years 3 feeds to different database systems with personal data (HR-Feeds) have been established to offer various services to students and staff in a timely manner. Following is a list of the subprojects:

- Assignment of unique RWTH-Id
- process for guests
- Implementation of a lifecycle
- Identity provider based on Shibboleth
- cooperation with the library
- self service web application
- Privilege-Management
- Provisioning of several High Performance Compute Clusters in NRW

As a member of the 11 cooperating universities that worked together to implement identity management, RWTH Aachen University made substantial contributions to the overall project.